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Received April 6, 1900

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(4-683.)

Mineral Survey No. 1427.

Lot No.

Prescott Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Wallapai Mining and Development Company

KNOWN AS THE

Tennessee Great Lead and Tennessee South Lode in Wallapai Mining District,
Mohave County, Arizona Territory

Section 3, Township 23 N., Range 18 W.

Surveyed under instructions dated Nov. 20, 1899 & January 2, 1900

by O. F. Kuerner,
U. S. Deputy Mineral Surveyor.

Claim located January 1, 1900 March 4 1896, 18

Survey commenced December 5-6, 1899

Survey completed January 9, 1900

o 6-160

Address of claimants:

The Wallapai Mining & Development Company.

Chloride

Arizona

Rec'd April 7 1900

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

Eichelberger

WE, W^W Eichelberger and Dan W McCallaway,
do solemnly swear that we will well and faithfully execute the duties of chain carriers;
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 Tennessee 3d Great Lead
Wallace Mining & Development Co, known as the
Tennessee 3d Great Lead Tennessee South Mining Claims
situate in Wallace mining district,
Mohave County, Arizona Territory
in Section _____, Township No. _____, Range No. _____.

W H Eichelberger, Chainman.

Dan W McCallaway, Chainman.

Subscribed and sworn to by the above-named persons before
me this ✓th day of December, 1899

J P Ferguson
Notary Public

I, E F Harriman, 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 Wallace Mining & Development Co
known as the Tennessee 3d Great Lead Mining Claims
more fully described in the preceding affidavit.

Axeman.

Subscribed and sworn to by the said _____
before me this _____ day of
18.

I, E F Harriman, 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 Wallace Mining & Development Co
known as the Tennessee 3d Great Lead Mining Claims
more fully described in the preceding affidavit.

E F Harriman, Flagman.

Subscribed and sworn to by the said E F Harriman
before me this ✓th day of
December, 1899

J P Ferguson
a Notary Public
My commission expires over 1 year

1.

Mineral Survey No 1427.

feet

Tennessee Lode

Beginning at cor N^o. 1,
ext. with N.E. cor. of the
location, a pine knot, 1 ft. long,
4 in. diameter, set 18 in. in the
ground, with mornal of stone.
Cor. N^o. 1-1427. T. enhance

cross (x) 1-1427-B.R. chiseled
in Granite reef, 14 in. above
ground bears S. 8° 30' E. 41. $\frac{1}{2}$ ft.

Cor to Secs. 34, and 35. T. 24 R^o.
R. 18. 18. and Secs. 4 and 5. T. 23
R. 18. 17. bears N. 72° 30' E. 651. $\frac{1}{2}$ ft.

Cor. N^o. 1. (Champktree miltite
Survey N^o 1221. bears N. 87° 35' E.
131. $\frac{1}{2}$ ft.

Cor. N^o. 1. Great Lead Lode, this
Survey bears S. 25° 05' W. 504. ft.

Cor. N^o. 1. Tennessee Chest Lode
this Survey bears N. 12° 47' E. 1719. 03'

Distance S. 80° 45' W.

Cor. 100' N. E.

- 57 to front of Mill, 970 ft.
- 100 to excavated room below front and
to front of Chambre above Mill.
- 160 at Chamber end, 80 yds. aside
from C.P.
- 200 to front of fence bears N. 80° 45' and
down west
- 205.18 to cor N^o. 1. S.E. cor of Champktree Lode
Lat N^o 128 - and cor N^o. 4. Champktree
miltite Survey N^o 1221
- 300 to North end Center of claim, a
pine knot 4. 220. diameter, 1 ft. long,
18. 220. 220. ground, 220. mornal

Feet

of stone, scribed N.E.C. 1427 T. whence.

End Loc. Mon., a post 4 ins. square, $\frac{3}{4}$ ft long,
20. ins. in ground with mound of stone, scribed I.L.
M. 1427 T. bears S. $9^{\circ} 15' E.$ 750 ft.

W2. to wagon road from Elkhart mine to town of Chloride
Bears N. $9^{\circ} 15' W.$

364^{ft} to cor. N^o. 2.

Fine post, 4 ins. square, $\frac{3}{4}$ ft. long, 18. ins. in
ground with mound of stone, scribed 2-1427. whence:
cross (x) B.R. 2-1427 chiseled in granite boulder
 14×17 . ins. 12. ins. high bears N. $89^{\circ} 30' W.$
61. 2° ft. NW. cor. of location bears S. $80^{\circ} 45' W.$ 35. 7° ft.

Thence S. $6^{\circ} 31' E.$

Cor. $10^{\circ} 05' E.$

685. intersect line 1-2 Great Lead Mine, this survey
at S. $86^{\circ} 45' W.$ 300 ft. from cor. N^o. 1. Great Lead Mine

585. to wagon road from Elkhart mine to town
of Chloride, bears SW. & NE.

750. to West Side Center, a fine post, 4 ins.
square, $\frac{3}{4}$ ft. long, 18. ins. in ground with
mound of stone, scribed W.S.C. 1427 T. whence
original loc. mon. West Side Center, bears
S. $9^{\circ} 15' E.$ 77. ft. and:

cross B.R. (x) W.S.C. 1427 chiseled in
granite boulder 12×19 . ins. 8. ins. above
ground bears S. $80^{\circ} W.$ 300 ft.

Thence S. $9^{\circ} 15' E.$

Cor. $10^{\circ} 05' E.$

55. to each 80 ft. wide of lower St.

100 to wagon road from Elkhart mine
to the town of Chloride bears
E. $9^{\circ} W.$

165 to each, 80 ft wide, lower W

750 to cor. N^o. 3.

Identical with the South west
corner of the location, and cor. N^o. 4.
NW. cor. of the "Tennessee South"
Mine, this survey. a fine post
4 ins. square, $3\frac{1}{2}$ ft. long, 18
ins. in the ground with

Feet.

- 1000 Mass of stone described S-1427. T. on Northside and 4-1427. T.S. on Southside - bearing also 2nd fl. cor. & Tennessee South Side
This Survey, evidence.
- 2000 R. D R. 4-1-1427. chiseled in granite
marker 8x5 ft. light colored ground, clear
D. 10° 10' N. 89.50 ft.
- Fence. N. 80° 45' E
Eaz. 18° 30' E
- 201.⁸³ intersect line 4-1. (Great East Side this
Survey at S. 80° 15' E. 108° 28' N. from cor. N^o 1
(Great East Side this Survey.
- 300 to the South end center of mine shaft - in bearing also
North end center of Tennessee South Side
This Survey at mine shaft - in square,
light color, 18. in. in ground with mass of
stone described S.E.C. 1427. T. on Northside,
T.L.M. E.C. 1427 - T.S. on (Southside);
- 600 to cor. N^o 4.
- 2000 Continue with N.E. cor. of the location
and with cor. N^o 1. N.E. cor. of Tennessee
South Side this Survey; a mine shaft
1. min. square light long 18. in. in
ground with mass of stone described
4-1427. T. on Northside and 1-1427. T.S.
on Southside, evidence.
- 2000 R. D R. 4-1-1427. chiseled in granite
marker 6x6 ft. light colored ground clear D. 10° 15'
29. ft
- Fence. N. 80° 15' N.
Eaz. 18° 30' E.
- 121 begin descent
- 678 to top of ridge, clear N. & S. and begins
descent
- 750 to East Side Center, a mine shaft 4.
min. square light long, 18. in. in
ground with mass of stone, described
E.S.C. 1427. T. evidence original
Dec. mon. East Side Center bears S. 90° 15' E
77. ft.
- 1150 begin descent -
- 1490.44 intersect line 1-4, Schuyler

Foot

W. McBratne Quarry $91^{\circ} 12' 21''$ west $S. 83^{\circ}$
 $25' N.$, 130.59 from cor. $91^{\circ} 12' 21''$ W.
 McBratne Quarry $91^{\circ} 12' 21''$.
 1500 ft. E. cor. $91^{\circ} 12' 21''$ and place of beginning

(Quarry and location are identical
 except where otherwise mentioned)

The course of the road is:
 From Quarry location: $N. 9^{\circ} 15' W.$ 750 ft.
 " " " " : $S. 9^{\circ} 15' E.$ 750 "

Great Road Hole

Proceeding at Cor. $91^{\circ} 12' 21''$ cor
 and turning:

1. Proceed east $91^{\circ} E.$ cor. at the location
 of bridge No. 2, 4000 ft. above $9 \frac{1}{2}'$.
 2. Bridge 18. 2000 ft. from ground with
 band of limestone shoot (marked 1-1427).
 3. Distance:

Cor. $91^{\circ} 12' 21''$ cor. Tennessee River

Bridge Quarry about $N. 25^{\circ} 05' E.$ 805 ft.

Cor. $91^{\circ} 12' 21''$ cor. Tennessee River
 bridge Quarry about $S. 43^{\circ} 56' E.$ 1120. 62

cor. to $(20^{\circ} 03'-05' Th. 24 M. h. 18. W.$
 $30^{\circ} 00' 2-0. Th. 28 M. h. 18. W.)$ via
 bridge River Base and Mississippi
 river $N. 52^{\circ} E.$ 1059. 86 ft.

cross R. B. h. 1-1427 - 2000 ft

$S. 42^{\circ} 15' 41' 40'$ - chiseled in granite boulders
 (2000 ft. 12500 ft. above ground)

Thence $(1. 86^{\circ} 45' N.)$

Cor. $10^{\circ} 30' E$

- 80 to Engine wash soft sand, about S.
 110 to edge of cliff and across ravine
 225 to head of the wash across to
 town of Chilhowee about 2100 ft.
 (100) to south end center of ravine; a fine
 post 4000 ft. above, 8' 1/2" long, 18" wide
 in ground with margin of limestone,

Feet

crossed N.E.C-1427-G.L. evidence.

Not. Loc. near a limestone & iron.

Quarry, height long, 18' in ground with mass of stone, described T.L.M. 1427-G.L. bears S. $40^{\circ} 15'$ E. 750 ft - also intersect line 2-8, Tennessee side there crosses at S. $60^{\circ} 31' E.$ 685 ft from cor. No 2. Tennessee side this quarry

459. to top of hill, bears N.W.S.

412. to dragon road from Dr. staff mine to Mountain side clear N.W.S.

600. to cor. No 2.

Identical with NW. cor. of section.

A lime foot 4 in. square 8' 2 ft long, 18' in ground with mass of stone, described 2-1427-G.L. evidence:

Crossed by B.R. 2-1427. described in granite bed, 6x8 ft - 1 ft above ground clear N. $88^{\circ} 05' W.$ 94 ft

Dance S. $40^{\circ} 15'$ E.

Dist. $18^{\circ} 30' E.$

657. to dragon road from Dr. staff mine.

to top of hillside, rock 6' N.W.S.

740. to top of hill 20 ft aside

600. to dragon road from Dr. staff mine mine to hillside, bears E. & N.W.

497. to Dance road 175 ft aside, bears E and W. end of road N.W.

750. to W.S.C. 1. 200 ft aside, corner,

A lime foot 4 in. square 8' 2 ft. long, 18' in ground with mass of stone, rock marked: W.S.C. 1427-G.L. and begin descent

850. to top of hill, bears N.L. & S.W. and begin descent

950. to road to side of road N.W.

1000. to road to side of road N.W.

1150. to cor. No 8. Identical with SW. cor. of the corner.

Feet

2500. to mine front & iron occurs 2 1/2 ft long,
18. in. in. covered with mass of stone
Limestone S-1427-G-L. entrance.

2000. to B.R. S-1427. chiseled in
granite occurs 2 1/2 ft. 1 ft above
normal level N. 16° to E. 72 ft.

Plane N. 86° 45' E.

Var. 13° 30' E

000 to back and center of cabin
at foot of hill. Occurs 1 1/2 ft long, 18.
in. in. covered with mass of stone
Limestone S.E.C. 1427-G-L

487. to ground 10' above plane S/W
600 to east. 10' to.

Shattered earth 1 1/2 ft. cor. at the location.

2500. to mine front & iron occurs 2 1/2 ft. long.
18. in. in. covered with mass of
stone, possibly S-1427-G-L entrance

2000. to B.R. S-1427. chiseled in
granite - 2 1/2 ft. 2 ft above ground,
normal N. 86° to W. 146° ft.

Plane N. 86° 45' W

Var. 13° 30' E

100 to rock 10 ft. aside N. 86° W

330 ft. intersect line 2-3 Tennessee Coal &
Iron Co's Quarry at N. 86° 45' E. 193. 83 ft.

from cor. N. 86° E. Tennessee Coal &
Iron Quarry

410 ft. intersect line 4-1 Tennessee Coal &
Iron Co's Quarry, at N. 86° 45' E

201. 83 ft. from cor. N. 86° E. Tennessee
Coal & Iron Quarry line 3-4.

Tennessee Coal & Iron Quarry -

618. to top of hill, occurs in sand &
iron deposit

750 to East side center of mine front
4 in. occurs 2 1/2 ft long, 18. in.

Foot

in ground with mass of stone, described
E.S.C. 1427-G.L.

- 978 To N. side of hillside, dipping
1000 Limestone Mortar hole at beginning
1086 To N. side of hillside
1410 To excavation from 52' West fence
To top of hillside about ENE
1500 To cor. No. 1 and place at beginning
} beginning of elevation on Montreal
except where at bottom of Montreal road

The corner at the middle is:

From the Montreal side, cor. No. 1 N. 39° 15' W. 750 ft
" " " " : S 60° 15' E. 700 ft

Emmelle Beach Hole

Begins at cor. 1427

Identical with N.E. cor. of the location
and with cor. No. 4. Emmelle hole
at top of slope, a fine, short fence.

Ground 8 ft. long, 18 in. in ground
with mass of stone described 1-1427.
T.S. on beach and 3-1427. T.S. on
hillside surface.

cross 3) B. S. 4-1-1427 described
in granite boulders, 6 x 6 ft. 2 ft. across.

ground 34 ft. 35 ft. 24 ft. R. 18° W and sides 2 ft.
G.P. 23 N. R. 18 W D.R. N. 12° 47' E. 1719.03 ft.
T.S. S. 60° 15' E

Obs. N. 30° 30' E

79. to East end center of fine footings
occur 6 ft. long, 18 in. in ground
in mass of stone, described E.S.C.
T.S.

79. to cor. No. 2.

Identical with S.E. cor. of location,
a fine, short fence. Ground 8 ft.
long, 18 in. in ground, with
mass of stone, described 2-1427. T.S.
surface:

Foot

crosses 1B.R. 2-1427 chiseled in
granite bedrock & left, right high,
about $37.0^{\circ} 10' E$. $47.5^{\circ} N.$

Face S. $80^{\circ} 45' W.$
Var. $10^{\circ} 30' E$.

W. to Precambrian center of erosion
in limestone, dolomite, dolomitic dolomite, & light
greenish gray in ground with
masses of limestone. Consists of S.E.C. 1427
T.S. evidence:

Montane Var. Moss, thickness about 200 ft.
With sand centers of this erosion, and
the Precambrian center on the Tennessee
side about 1000 feet, thickness about 1000
ft. W. of the bridge. W. to Precambrian
about 2000 feet from the Great Valley
about 2000 feet

600 to Bon. Mtn.

Montane center S.W. side of the
erosions of limestone, dolomite, & dolomitic dolomite
(light green) 1000 feet above
center of limestone visible
S.E.C. T.S. evidence:

Crosses 1B.R. 2-1427 chiseled
in granite bedrock 0 & S. left
greenish gray in ground of limestone
Consists of W.S.C. 1427 T.S.

Face N. $90^{\circ} 15' W.$

Var. $10^{\circ} 30' E$

W. to West side center of limestone
dolomite, dolomitic dolomite, & light
green in ground with mass of limestone
Consists of W.S.C. 1427 T.S.

W. to east. N. 4.

Identical with NW corner of the
erosions and with east. N. 4. SW.
corner Tennessee side this valley
of limestone & dolomite, light.

Feet

Length 18' 2in. 2in. Diamond, with rounded
or octagonal corners at N - 1427. T.S. on
Tennessee Coal C - 1427. T. on North
circle reference.

Distance N - 1427 S - 1427 162 ft. chord
of granite rock walls 8.5" gage 4.2 ft. above
ground. 2000 20° 10' N. 49° 50' E.

True N. 20° 45' E

East 18° 40' E

201^{ft.} distance from N - 1427 Great Coal hole
to this corner 2 + 1'. 00' 15' E 10 89.78' N.
from N. 20° 45' E Great Coal hole true
bearing.

200. In North end center, and 1' north of ledge
intersection of Tennessee South hole
and Tennessee Center Tennessee
hole. This corner is about 1' below
the main surface 8.5" gage, 18' 2in.
2in. diamond with rounded off stone,
marked I. L. M. N.E. C. 1427. T.S. on South
circle and S.E. C. 1427. T. on North circle
so to cor 8.5". and place of beginning.

Progress and location were identical.

The bearing of the hole is:

From intersection North end center
bearing S. 2° 0' 15' E. 79 ft.

Area

Total area Tennessee Coal 20.034 acres

Loss area in conflict with
Pekyeville millstone

Survey No 1221 = 0.0125 acres

Net area Tennessee Coal 20.022 acres

Total area Great Lead Lode 20.661 acres
 Less conflict with Tennessee Lode 6.486 "
 Net area Great Lead Lode 14.175 acres

Total area Tennessee South Lode 1.080 acres
 Less conflict with Great Lead Lode 0.059 "
 Net area Tennessee South Lode 0.721 acres

~~Net~~ area Tennessee Lode 20.382 acres
 " " Great Lead , 14.175 .
 " " Tennessee South " 0.721 . "

Net Area Lode claim 15.228 acres

Location

This claim is located in the NE $\frac{1}{4}$ of Sec. 8. Twp. 9. R. 18 W. Gila and Salt River Base and Meridian.

Walla Walla Mining Dist. Spokane Co. Arizona
Capital sum 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 for each of the three claims included in this group, the work for the Tennessee South is done through levels running South from the main working shaft of the Tennessee Lode, running towards the Tennessee South Lode, and through enrich levels the one of the Tennessee South Lode are to be conveyed after being extracted and forwarded on, improvements consist of:

1/ Discovery shaft on Tennessee Lode, 4 x 6 ft - 90 ft. deep in rock and timbered, the SW cor. of which bear S. 9° 15' E. 750 ft. from foot on North end center of claim

Value \$1500 -

2) A shaft on Tennessee lode 4x4' 6^{ft} deep in rock all timbered, with steam hoist, and levels running northerly along vein as follows: at a depth of 100 feet, 280 ft long, at a depth of 200 feet, 298 ft. long - at a depth of 300 feet, 100 ft. long; and levels running southerly along vein as follows, at a depth of 100 ft., 158 ft long, connecting with Discovery shaft - at 200 ft. deep, 270 ft. long, and at 300 ft. deep, 115 ft. long, connecting with the new working shaft, situated in the N.E. cor. of the mill building - water stopped between levels, the S.W. cor. of which bears N. 63° 20' E. 938 ft from post on east center side line of Tennessee lode.
Value \$25,000.

3) A shaft on Tennessee lode, 4x6', 94 ft deep in rock and timbered, the S.W. cor. of which bears S. 86° 30' E. 310 ft. from post on east center side line of Tennessee lode.

Value \$1200

4) A perpendicular shaft on Tennessee lode, known as the new working shaft, situated in the N.E. cor. of the mill building, with steam hoist, 600 feet deep in rock, 5x9 ft, double compartment, and timbered the N.W. cor. of which bears S. 74° E. 360 ft from post on east center side of claim
Value \$7000.

5) An airshaft on Tennessee lode, 4x6 ft. 290 ft deep in rock and timbered and connected by level 128 ft long with bottom of old working shaft, the N.W. cor. of which bears S. 60° 05' E. 494 ft. from cor. No. 2.

Tennessee Lode.

Value \$4000.

6/ A tunnel $6\frac{1}{2} \times 6$ ft. 55 ft long in rock - on Tennessee lode / course of tunnel $9768^{\circ} 30' W$) the mouth of which bears $S. 13^{\circ} 45' E.$ 221 ft from foot to North end center of claim.

Great Lead Lode Value \$500 -

1/ A mine shaft on Great Lead lode 4 x 6' - eight feet in rock the mouth of which bears $S. 10^{\circ} 15' E.$ 750 ft from foot to North End Center of Great Lead lode.

Tennessee Butte Value \$600 -

No 1/ A discovery shaft 4 x 6" - 10 ft deep - rock on Tennessee Butte lode.

at center of which bears $S. 9^{\circ} 15' E$

750 ft from foot to North End center - Tennessee Butte lode

Value \$3500

I hope you will be willing to allow
me to deduct in the Total working
shaft on Tennessee lode and do
so as this is in running
order. the steel will be driven
back, toward the Tennessee
Butte lode from the bottom of
this shaft, of which expenditure $\$450$ is
credited to Tennessee Butte lode, this survey.

Other Improvements.

1. A girder sectioning 40 x 135¹/₂
including a complete concentration
plant consisting of 4. rollers,
cones, carbonar, water tank
and feeders, having a capacity of
100 tons of ore - also a sectioning
bank of four working shaft and
caron hoist for same - \$120.
cost of sectioning over $S. 59^{\circ} E.$ 275 ft
from foot to West center of Tennessee

- 15
- Code this survey
2. A frame building 22 x 41 ft enclosing a steam hoist and blacksmith shop N.E. cor. bears N. 66° 10' E. 160 ft from front on east center side of Tennessee Coal this survey
3. A frame building 10 x 26' used as a stable N.E. cor. bears S. 84° 30' E. 92 ft from front on east center side of Tennessee Coal this survey
4. A frame building 46 x 47' used as a warehouse and assay office - N.E. cor. bears N. 12° E. 38 ft from front on east center side of Tennessee Coal this survey.
5. An adobe house 17 x 27 ft used as a residence N.E. cor. bears S. 55° W. 71 ft from cor. N.E. N.E. cor. Tennessee Coal this survey
6. A two story frame building, 22 x 40, used as a lumbering and shipping house - N.E. cor. bears S. 29° 30' E. 400 ft from front on North end center Tennessee Coal this survey.
7. A well, 10 ft. deep, bears S. 44° E. 175 ft. from front on North end center of Tennessee Coal this survey.

Opening or adjacent Coal claims

On the North: The Schuyler coal millsite Survey No 1221 - The Schuyler coal lot No 38 -

On the East: Distaff mine Survey No 1013, claimed by Charles Barnes and the Bullion Bank Little Wonder and Mollie Gibson coal, Survey No 1428.

On the South: The "Johnny Buck" mine, claimed by Lombard Smith

On the West:

By the Boyan coal surveyed, claimed

By J. D. Murphy and the
Chancery Oct 2^d 1887.

Montgomery

This Survey was made with a Stellar
and Brightley Transit, with Polar
Revolving meridian which was used in
determining the corners. The distances
were measured with a bogart
chain and a steel tape.

Plat

Tennessee and Great Road Roads
were surveyed under original
order of Survey issued by the Compt.
General of Virginia March 20th 1889.
and Tennessee Roads under amended
order of Survey at date January 2nd
1890 added to the survey. The same
became acting as assistance all
through the Survey, after having been
properly run in.

Kingman Feb 7th, 1890

At Request

H. P. Dickey
Mineral
Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

Recd April 6-1900

A list of the names of the individuals employed by

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

Walla Walla Mining & Development Co.
known as the *Tennecore & Great Lead Tennessee South*

and showing the respective capacities in which they acted.

D W Hollaway, Chainman.
M H Eichberg, Chainman.
E F Harriman, Axman.
E F Harriman, Flagman.

FINAL OATHS OF ASSISTANTS.

We, *E F Harriman* and *D W Hollaway* and *M H Eichberg*
and *O F Kinner*, do solemnly swear that we assisted
United States Deputy Mineral Surveyor, in marking the corners and
surveying the boundaries of the mining claim of *Walla Walla Mining*
and *Development Co.*, known as the *Tennecore*
and *Great Lead Tennessee South*, 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.

D W Hollaway, Chainman.
M H Eichberg, Chainman.
E F Harriman, Axman.
E F Harriman, Flagman.

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

this *9th* day of *January*, 1900.

J P Fagan
Notary Public
My commission expires Dec 1900

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, O. F. Kuencer, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Nov 20, 1899 (Dec 1, 1900), 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 The Escalante Mining & Development Company, known as the Tennessee-Creat Road and Tennessee Dutch Road, situate in Escalante Mining District, Morgan County, Arizona, in Section 13, Township No. 23 N; Range No. 18 E, and designated as Survey No. 1427, 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 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 the 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.

O. F. Kuencer.

U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said O. F. Kuencer,

U. S. Deputy Mineral Surveyor, before me Jno P. Fenn

this 13 day of Dec 1, 1900,

Jno P. Fenn
Notary Public

o 3-154

My commission expires Jan 18, 1903.

Affidavit of Five Hundred Dollars Improvements.

We, O. F. Schumacher, and Alfred Conkey

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the ~~Yellow~~ Great Lead Zinc & Manganese mining claim, situate in Wallapai Mining district, Mohave County, Arizona Territory, for which the Wallapai Mining and Development Company

have 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 grantor exceed ~~Fifteen~~ ^{Fifteen} Hundred Dollars in value, and further that we are not personally interested in said mine.

O. F. Schumacher
Alfred Conkey

TERRITORY OF ARIZONA,
County of Mohave. } ss:

Sworn to and subscribed before me, this

day of January, ¹⁹⁰⁰ ~~1899~~

P. P. Ferguson

Notary Public

My Commission expires Oct 15, 1902

TERRITORY OF ARIZONA, }
County of Mohave. } ss

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Jno P. FEEHAN.
I, A. LATELLER, Recorder of Mohave County, Territory of Arizona,

do hereby certify that I have compared the foregoing copy of original Location Notice of
the Precious Metal Mining Claims, and of the endorsement thereupon
with the original records of the same on file in this office and that the same are correct transcripts therefrom and
of the whole of said original records.

WITNESS my hand and the seal of said office this 23rd

day of December, A.D. 1899

Jno P. FEEHAN
Recorder of Mohave County.



Notice of Mining Location.

QUARTZ CLAIM.

To All Whom It May Concern:

This mining claim, the name of which is the ~~James and Louise~~
Mining Claim, situate on lands belonging to the United States of America, and in which there
are valuable mineral deposits, was entered upon and located for the purpose of exploration and
purchase by The Wallapai Mining & Development Company,
a Corporation organized under the laws of the Territory of Arizona
the undersigned, on the 5th day of December 1897.

The length of this claim is ~~Northeastly Nine (79)~~ feet,
and the claim ~~is~~ ~~Northeastly Nine (79)~~ feet
in a ~~southwesterly~~ direction and ~~Six Hundred~~
~~(600)~~ feet in an ~~Easterly & Northerly~~ direction from
the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together
with ~~Three Hundred (300)~~ feet in width 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~~ to the ~~south~~.

The claim is situated and located in the Wallapai Mining District, in
Mohave County, in the Territory of Arizona, about ~~Seven Hundred~~ feet
in a ~~southwesterly~~ direction from ~~Willow Tree~~
~~Fernwood Mine~~.

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

at a point in an ~~Easterly~~ direction ~~Thirty six (36)~~ feet from
the discovery shaft (at which this notice is posted), being in the center of the ~~North~~
end line of said claim; thence ~~Northerly Three Hundred (300)~~ feet to a ~~Monument~~
, being the ~~North West~~ corner of said claim; thence
~~Northerly Thirty Nine & $\frac{1}{2}$ (39 $\frac{1}{2}$)~~ feet to a ~~Monument~~ at the center of
the ~~West~~ side line of said claim; thence ~~Northerly Thirty Nine & $\frac{1}{2}$ (39 $\frac{1}{2}$)~~
feet to a ~~Monument~~ being at the ~~South West~~ corner of said
claim; thence ~~Easterly Three Hundred (300)~~ feet to a ~~Monument~~
at the center of the ~~South~~ end of said claim; thence ~~Easterly Three Hundred (300)~~
feet to a ~~Monument~~, being at the ~~South East~~
corner of said claim; thence ~~Northerly Thirty Nine & $\frac{1}{2}$ (39 $\frac{1}{2}$)~~ feet to a ~~Monument~~
being at the center of the ~~East~~ side line of said claim;
thence ~~Northerly Thirty Nine & $\frac{1}{2}$ (39 $\frac{1}{2}$)~~ feet to a ~~Monument~~ at
the ~~North East~~ corner of said claim; thence ~~Westerly Three Hundred (300)~~
feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the
United States, and of an Act of the General Assembly of Arizona, entitled "An Act Concerning
Mines," approved March 2nd, 1895.

Dated and posted on the ground this 5th day of December 1897.

Wallapai Mining and Development Company
By E. J. Loy, President.

Filed and recorded at request of H. B. Eakins, Dec 23rd A.D. 1897, at 4³⁰ P.M.

Geo. P. Feeney,
County Recorder

POOR QUALITY

The following pages are scanned at the best possible quality setting. The original pages are of poor quality and this is the best possible reproduction.



Location Notice

Tennessee Lode Claim.

Know all men by these presents, That I have this day located and claimed Fifteen Hundred Feet in length and Six hundred feet in width on this vein or lode of mineral bearing rock, To wit: Commencing at this Monument and notice, Running (300) Three Hundred feet west to center side line monument, Thence South (750) Seven Hundred and Fifty feet to Southwest corner, Thence East (600) Six hundred feet to Southeast corner, Thence North (1500) Fifteen Hundred feet to Northeast corner, Thence west (600) Six hundred feet to Northwest corner, Thence South (750) Seven hundred and fifty feet to West center side line monument, and place of beginning.

This Claim is the first South extension of the "Schuykill" Mine Is situated about one mile east of Chloride, In Wallapai Mining District, Mohave Co. Arizona. Located on the First day of January 1893.

Dated on the ground at 12 5 A.M.

Witness

by George D. Morgan

A. J. Shotwell.

This claim to be known as the "Tennessee"

Recorded at the request of A. M. Mac Duffee, February 4th A. D. 1893, at 10 minutes past 9 O'clock A. M.

T. W. Morgan,

County Recorder

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Territory of Arizona,)
-ss.
County of Mohave.)

I, Jno. P. Feeny, County Recorder of Mohave County, Arizona Territory, and Officer in charge of the Records thereof, do hereby certify that the above and foregoing is a full, true, correct and complete copy of the Location Notice of the Tennessee Mining Claim as the same appears of record in my office on the 16th day of November A. D. 1899 at 30 minutes past 4 o'clock P. M., in Book L at page 137 of the Mining Records of Mohave County, Arizona Territory.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Seal of my office this 16th day of November A. D. 1899 at 30 Min. Past 4 o'clock P. M. at Kingman, Arizona.

Jno P. Feeny.
County Recorder.





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Notice of Location

To all whom it may concern: Notice is hereby given that the undersigned, having complied with all the requirements of Chapter VI of Title 32 of the Revised Statutes of the United States, and the local mining laws, rules and regulations 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 United States Mining Laws under which it is located. This claim commences at this monument and notice placed upon the ledge and runs 750 feet in a Northerly direction and 750 feet in a Southerly direction along the ledge. The exterior boundaries are as follows to wit: Commencing at a monument of stone at North end center; thence in a Westerly direction across the ledge three hundred (300) feet to monument of stone at N. W. Corner of Claim thence in a Southerly direction parallel with the ledge seven hundred and fifty (750) feet to monument of stone at West side boundary; thence in a Southerly direction parallel with the ledge seven hundred and fifty (750) feet to monument of stone at South West Corner of Claim; thence in a Easterly direction across the ledge three hundred (300) feet to monument of stone at South end Center of Claim; thence in a Easterly direction across the ledge three hundred (300) feet to monument of stone at South East corner of Claim; thence in a Northerly direction parallel with the ledge seven hundred and fifty (750) feet to monument of stone at East side boundary of Claim; thence in a Northerly direction parallel with the ledge seven hundred and fifty (750) feet to monument of stone at North East Corner of Claim; thence in a Westerly direction across the ledge three hundred (300) feet to monument of stone at North end center and place of beginning.

This Ledge may be more generally described as situated in Wallapai District 3/4 of a Mile east from Finegans store and joined on the East by the Tennessee Mine and Crossing Tennessee Wash in Wallapai Mining District Mohave County Arizona Territory. And shall be known as the Great Lead Mining Claim. Dated on the ground this 4 day of March 1896

Witnesses ;	John St Charles	Locator
A. M. Mac Duffee	J. P. Finegan	Locator
Robert Gibson		Locator
James Boyd		

Recorded at the request of John St Charles May 29th A. D. 1896 at 20 minutes past 9 o'clock A. M.

L. O. Cowan

County Recorder.

Territory of Arizona,)
-ss.
County of Mohave.)

I, Jno. P. Feeny, County Recorder in and for Mohave County, Arizona Territory, and Officer in charge of the Records thereof, do hereby certify that the above and foregoing is a full, true and correct copy of the Notice of Location of the Great Lead Mining Claim as the same appears of record in my office on the 17th day of November A. D. 1899 at 30 minutes past 9 o'clock A. M., in Book M at pages 459 & 460 of the Mining Records of Mohave County, Arizona territory.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal this 17th day of November A. D. 1899 at 30 min. past 9 o'clock A.M. at Kingman, Arizona.



Jno. P. Feeny
County Recorder.

(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,

Tucson, Arizona

May 28th, 1900

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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 Wallapai Mining and Development Co.

, known as the Tennessee South, Tennessee and Great Lead
situate in Wallapai mining district,
Mohave County, Arizona,
in Section 3, Township No. 23 N., Range No. 18 W.
, designated as Survey No. 1427
executed by O. E. Kuencar, U. S. Deputy Mineral
Surveyor, Dec. 5, 1899 to Jany. 9, 1900, xx Nov. 20, 1899 & Jany. 2, 1900, 18, under my instructions dated
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.

George Christ

U. S. Surveyor General for Arizona.

