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MINERAL SURVEY NO. 1820

Claims	M & B Desc.	Improvements	Loc. Notices
Apache	10	15	6
Baltimore	3	13	2
Detroit	1	13	1
Omaha	6	14	4
Papago	8	14	1
Swansea	5	14	3

Received by *W. H.*  
NOV 19 1903

Examined *G. C. Jr.*

Notes forms copied  
W. H.

(4-683.)

Mineral Survey No. 1820

Lot No. \_\_\_\_\_

Gila

Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Silver Bell Copper Co

KNOWN AS THE

Detroit - Baltimore, Swansea, Omaha, Papago  
and Apache

Silver Bell

Mining District,

Pima County, Arizona

Section \_\_\_\_\_, Township 12 S., Range 8 E

Surveyed under instructions dated June 15<sup>th</sup>, 1903

by Philip Contzen

U. S. Deputy Mineral Surveyor.

Claim located (see location notices)

Survey commenced June 30<sup>th</sup>, 1903

Survey completed July 6<sup>th</sup>, 1903

o 6-100

Address of claimants atty

William M. Franklin,

Tucson, Ariz

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

We, J. M. Penny and W. H. Hill, 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 Silver Bell

Copper Co known as the Detroit, Baltimore, Swansea, Omaha, Papago and Apache Apache situate in Silver Bell mining district Pima County, Arizona in Section Township No. 12 S, Range No. 8 East (unsurveyed),

J. M. Penny, Chairman. W. H. Hill, Chairman.

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

9th day of July, 1903

Homer Dauter Notary Public Commission Expires Jan. 11, 1907

I, Chas. E. Thomas, do solemnly swear that I will well and truly perform the duties of axman, 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 Silver Bell Copper Co.

known as the Detroit, Baltimore, Swansea, Omaha, Papago and Apache more fully described in the preceding affidavit.

Chas. E. Thomas, Axman.

Subscribed and sworn to by the said Chas. E. Thomas before me this 9th day of July, 1903

Homer Dauter Notary Public Commission Expires Jan. 11, 1907

I, Chas. M. Pogue, 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 Silver Bell Copper Co.

known as the Detroit, Baltimore, Swansea, Omaha, Papago and Apache more fully described in the preceding affidavit.

Chas. M. Pogue, Flagman.

Subscribed and sworn to by the said Chas. M. Pogue before me this 9th day of July, 1903

Homer Dauter Notary Public Commission Expires Jan. 11, 1907

Survey No. 1820.

Detroit Lode.

Feet Beginning at Cor. No. 1. Identical with S. E. Cor. of the location.

A pine post 3 1/2 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 1-1820 D.

A cross (X) and B. R. 1-1820 chiseled on a granite boulder, showing 4 x 3 x 2 1/2 ft. above the ground, bears N. 80° W. 18.8 ft.

A palo verde 6 ins. diam., scribed 1-1820 B. T. bears S. 86° 15' W. 20.3 ft.

U. S. Mineral Mon. No. 1, Silver Bell Mining District, bears N. 80° 38' E. 1037.2 ft.

Thence S. 75° W.

Va. 13° 15' E.

Ascend.

90 Top of mountain; descend along North slope.

615 Gulch, course N. N. E.; ascend.

754 *S. SIDE LINE MON. IDENTICAL WITH LOCATION*  
 767 *WHICH IS A MOUND OF STONE 3 FT BASE 2 FT HIGH*  
 Top of ridge, extending N. N. E.

1056 Descend.

1500 To Cor. No. 2. Identical with the S. W. Cor. of the location.

A pine post 3 1/2 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 2-1820 D.

A palo verde 5 ins. diam. bears S. 6° W. 24.5 ft., and a palo verde 5 ins. diam. bears N. 23° 15' E. 30 ft., each blazed and scribed 2-1820 B. T.

Thence N. 23° 25' W.

Va. 13° 15' E.

Feet

Descend.

180

Foot of ridge.

188

Road, bearing Westerly and Easterly.

238

Road, bearing Westerly and Easterly.

Gulch, course Southwesterly; ascend.

300

West end center. Identical with the location, which is a post 4 ins. square in mound of stone 3 ft. base and 2 ft. high.

600

To Cor. No. 3. Identical with N. W. Cor. of the location.

A pine post 3 1/2 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 3-1820 D.

No bearings available.

Thence N. 75° E.

Va. 13° 15' E.

Descending along South slope of mountain.

460

Gulch, course Southerly; ascend.

753

*N. SIDE LINE MON. IDENTICAL WITH LOCATION, WHICH IS A MOUND OF STONE 3 FT BASE 2 1/2 FT HIGH.*

1200

Top of slope; descend gradually.

1500

To Cor. No. 4. Identical with N. E. Cor. of the location.

A pine post 3 1/2 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 4-1820 D.

A palo verde 6 ins. diam. bears N. 34° 45' E. 39 ft., and a palo verde 6 ins. diam. bears N. 50° 15' E. 69.5 ft., each blazed and scribed. 4-1820 B. T.

Thence S. 23° 25' E.

Va. 13° 15' E.

Descend.

240

Gulch, course Southwesterly; ascend.

250

Road, bearing Northeasterly and Southwesterly.

Feet

300 East end center. Identical with the location, which is a post 4 ins. square in mound of stone 3 ft. base and 2 ft. high.

600 To Cor. No. 1, the place of beginning.

Baltimore Lode.

Beginning at Cor. No. 1. Identical with N. E. Cor. of the location.

A pine post 3 1/2 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 1-1820 B.

A cross (X) and B. R. 1-1820 chiseled on a granite rock, showing 18 x 14 x 6 ins. above the ground, bears N. 61° 10' E. 30.6 ft.

A cross (X) and B. R. 1-1820 chiseled on a granite rock, showing 10 x 2 x 3 ft. above the ground, bears S. 69° 10' E. 49.8 ft.

U. S. Mineral Mon. No. 1, Silver Bell Mining District, bears N. 82° 59' E 2308.7.

Thence South.

Va. 13° 15' E.

Ascend.

226.8 Intersect Line 1-2 of Detroit Lode of this survey. Cor. No. 2 of Detroit Lode bears S. 75 W. 187.2 ft. Top of ascent; descend.

500

750

1030 *E. SIDE LINE MON. IDENTICAL WITH LOCATION; WHICH IS A MOUND OF STONE 3 FT. BASE 2 FT. HIGH*  
 Gulch, course Southwesterly; ascend.

1200 Top of ascent.

1500 To Cor. No. 2.

A pine post 3 1/2 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 2-1820 B.

Baboquivari Peak bears S. 4 50' W.

Peak bears S. 46 10' W.

		Thence West.
		Va. $13^{\circ} 15'$ E.
		Descend.
	300	Center of gulch, course Southerly; <i>S.E.C. of claim</i>
	330	Road, bearing North and South.
	600	To Cor. No. 3. Identical with S. W. Cor. of the location.
		A pine post $3 \frac{1}{2}$ ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 3-1820 B.
		Twin Hills bears S. $22^{\circ} 23'$ E.
		Baboquivari Peak bears S. $4^{\circ} 7'$ W.
		Thence North.
		Va. $13^{\circ} 15'$ E.
		Along South slope of mountain.
759	1500	<i>W. SIDE LINE MON. IDENTICAL WITH LOCATION ; WHICH IS A MOUND OF STONE 3 FT. BASE 2 1/2 FT. HIGH. —</i> To Cor. No. 4. Identical with N. W. Cor. of the location.
		A pine post $3 \frac{1}{2}$ ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 4-1820 B.
		No bearings available.
		Thence East.
		Va. $13^{\circ} 15'$ E.
		Descend.
	300	North end center. Identical with the location and with West end center of Detroit Lode of this survey. Cor. No. 2 of Detroit Lode bears S. $23^{\circ} 25'$ E. 300 ft.
	410	Gulch, course Southerly, and road, bearing North and South; ascend.
	577	Road, bearing Northeasterly and Southwesterly.
	600	To Cor. No. 1, the place of beginning.



## Swansea Lode.

Feet

Beginning at Cor. No. 1. Identical with Cor. No. 2 of Baltimore Lode of this survey. I scribe post 1-1820 S. on S. W. face.

U. S. Mineral Mon. No. 1, Silver Bell Mining District, bears N.  $52^{\circ} 8'$  E. 2901.6 ft.

Thence S.  $30^{\circ}$  W.

Va.  $13^{\circ} 15'$  E.

Descend.

500 Wash, course Southerly.

710 Wash, course S.  $60^{\circ}$  W. ; ascend.

752 *E. SIDE LINE MON. IDENTICAL WITH LOCATION ; WHICH IS*  
 1350 *A MOUND OF STONE 3 FT BASE 2 FT HIGH. —*  
 Top of hill; descend.

1500 To Cor. No. 2. Identical with S. E. Cor. of the location.

A pine post 3 1/2 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 2-1820 S.

A palo verde 5 ins. diam. bears S.  $24^{\circ} 30'$  E. 27.6 ft., and a palo verde 5 ins. diam. bears N.  $42^{\circ}$  W. 36.2 ft., each blazed and scribed 2-1820 B. T.

Thence West.

Va.  $13^{\circ} 15'$  E.

Ascend.

230 Top of North slope; descend.

300 South end center. Identical with the location, which is a post 4 ins. square in mound of stone 3 ft. base and 2 ft. high.

482 Ravine, course Northwesterly.

600 To Cor. No. 3. Identical with S. W. Cor. of the location.

A pine post 3 1/2 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed

3-1820 S.

Feet	A palo verde 6 ins. diam. bears S. 80° E. 7.7 ft., and a palo verde 6 ins. diam. bears S. 20° W. 34.3 ft., each blazed and scribed 3-1820 B. T.  Thence N. 30° E. Va. 13° 15' E.
300	Road, bearing N. 60° E.
320	Road, in center of gulch 60 ft wide, course Southerly; ascend,
760	W. Side-line Mon. Identical with location; which is a mound of stone 3 ft base and 2 1/2 ft high.
900	Top of ridge, bearing East and West; descend.
1200	Foot of ridge; ascend.
1500	To Cor. No. 4. Identical with N. W. Cor. of location and Cor. No. 3 of Baltimore Lode of this survey. I scribe post 4-1820 S. on S. E. face. Thence East Va. 13° 15' E.
300	N. end center. Identical with location and S. end center of Baltimore Lode of this survey.
600	To Cor. No. 1, the place of beginning.  Omaha Lode.  Beginning at Cor. No. 1. Identical with N. E. Cor. of the location.  A pine post 3 1/2 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 1-1820-0.  A palo verde 6 ins. diam. bears N. 40° E. 51 ft., blazed and scribed 1-1820 B. T.  A cross (X) and B. R. 1-1820 chiseled on a granite rock, showing 3 x 2 1/2 x 2 1/2 ft. above the ground, bears N. 67° W. 17 ft.  U. S. Mineral No. No. 1, Silver Bell Mining District bears N. 64° E. 5011.4 ft.  Thence S. 46° 53' E.  Va. 13° 15' E.
30	Gulch 40 ft. wide, course Southwesterly; ascend.
370	Top of ridge, bearing East and West, descend.
714	Gulch, course Southwesterly; ascend.
752	N. E. Side-line Mon. Identical with location; which is a mound of stone 3 ft. base and 2 1/2 ft. high.
960	Road, bearing East and West.
1003	Road, bearing East and West.
1100	Wash 60 ft. wide, course Southwesterly.

Feet	
	Road bearing East and West; ascend.
1221.8	Intersect Line 3-4 of Swansea Lode of this survey. Cor. No. 3 of Swansea Lode bears S. 30° W. 57.2 ft.
1294.3	Intersect Line 2-3 of Swansea Lode of this survey. Cor. No. 3 of Swansea Lode bears West 31.6 ft.
1400	Top of ridge, bearing East and West; descend.
1500	To Cor. No. 2. Identical with N. E. Cor. of the location.
	A pine post 3 1/2 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 2-1820 O.
	A palo verde 8 ins. diam. bears S. 21° 15' W. 27 ft., and an ironwood 4 ins. diam. bears N. 64° W. 64 ft., each blazed and scribed 2-1820 B. T.
	Thence S. 58° 7' W.
	Va. 13° 15' E.
	Descend.
200	Gulch, course Southerly; ascend.
250	Road to Tucson, bearing Northwesterly.
300	South end center. Identical with the location, which is a post 4 ins. square in mound of stone 3 ft. base and 2 ft. high.
500	Top of ridge, bearing N. W. and S. E.; descend.
600	To Cor. No. 3. Identical with S. E. Cor. of the 1 location.
	A pine post 3 1/2 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 3-1820 O on N. W. face.
	A palo verde 8 ins. diam. bears S. 21° 15' W. 27 ft., and an ironwood 4 ins. diam. bears N. 64° W. 64 ft., each blazed and scribed 2-3-1820 B. T.
	Thence N. 46° 53' W.
	Va. 13° 15' E.
	Ascend.

Feet	
200	Top of ridge, bearing East and West; descend.
445	Scales.
470	Shaft. <i>right of line.</i>
520	Wash, course Westerly.
573	Road, bearing East and West.
670	Gulch 70 ft. wide, course Southwesterly; ascend.
750	<i>S.W. SIDELINE MON. IDENTICAL WITH LOCATION WHICH IS A MOUND OF STONE 3 FT. BASE 2 1/2 FT. HIGH</i>
771	Road, bearing N. W. and S. E.
900	Top of ridge, bearing East and West; descend.
1200	Small rocky knoll.
1500	To Cor. No. 4. Identical with S. W. Cor. of the location.
	A pine post 3 1/2 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 4-1820 O. on N. E. face.
	A cross (X) and B. R. 1-4-1820 chiseled on the South side of a porphory bluff, bears N. 27° 33' W. 40.6 ft., and a cross (X) and B. R. 1-4-1820 chiseled on the South side of the same bluff, bears N. 4° W. 67.5 ft.
	Thence N. 58° 7' <i>E.</i>
	Va. 13° 15' E.
252	Gulch, course Westerly; ascend.
300	North end center. Identical with the location, which is a post 4 ins. square in mound of stone 3 ft. base and 2 ft. high.
478	Same Gulch, course Westerly.
600	To Cor. No. 1, the place of beginning.
	Papago Lode.
	Beginning at Cor. No.1. Identical with the location and with Cor. No.4 of Omaha Lode of this survey. I scribe post 1-1820 P. on S. W. face.

U. S. Mineral Mon. No. 1, Silver Bell Mining

Feet	District, bears N. $63^{\circ} 23'$ E. 5609.3 ft.
	Thence S. $46^{\circ} 53'$ E.
	Va. $13^{\circ} 15'$ E.
750	<i>N.E. SIDE LINE MON. IDENTICAL WITH LOCATION</i>
1500	To Cor. No. 2. Identical with the location and with Cor. No. 3 of Omaha Lode of this survey. I scribe post 2-1820 P on N. W. face.
	Thence S. $58^{\circ} 7'$ W.
	Va. $13^{\circ} 15'$ E.
	Descend.
300	South end center. Identical with the location, which is a post 4 ins. square in mound of stone 3 ft. base and 2 ft. high.
600	To Cor. No. 3. Identical with S. E. Cor. of the location.
	A pine post 3 1/2 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 3-1820 P on N. E. face.
	Peak bears N. $70^{\circ} 3'$ W.
	Twin Hills bears S. $22^{\circ} 7'$ W.
	Thence N. $46^{\circ} 53'$ W.
	Va. $13^{\circ} 15'$ E.
160	Road, bearing Southwest.
280	Gulch, course Southwest.
487	Ridge, bearing N. $14^{\circ}$ E. and S. $14^{\circ}$ W.; descend.
750	<i>S.W. SIDE LINE MON. IDENTICAL WITH LOCATION</i>
900	<i>WHICH IS A MOUND OF STONE 3 FT. BASE 2 1/2 FT. HIGH</i> Road, bearing Southerly and Northerly.
925	Road, bearing Southwesterly and Northeasterly.
1360	Road, bearing Northeast and Southwest.
1500	To Cor. No. 4. Identical with N. W. Cor. of the location.
	A pine post 3 1/2 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 4-1820 P on S. E. face.
	Baboquivari Peak bears S. $3^{\circ} 52'$ W.

Feet Peak bears S. 14° 23' E.  
 Thence N. 58° 7' E.  
 Va. 13° 15' E.

100 Road, bearing Southerly and Northerly.

172 Road, bearing Southerly and Northerly.

265 Road

300 North end center. Identical with the location,  
 which is a post 4 ins. square in mound of stone 3 ft.  
 base and 2 ft. high.

600 To Cor. No. 1, the place of beginning.

Apache Lode.

Beginning at Cor. No. 1. Identical with N. W. Cor.  
 of the location and with Cor. No. 4 of Papago Lode  
 of this survey. I scribe post 1-1820 A on S. W. face.

U. S. Mineral Mon. No. 1, Silver Bell Mining  
 District, bears N. 62° 52' E. 6206.4 ft.

Thence S. 46° 53' E.

Va. 13° 15' E.

750 *WE. SIDE LINE MON. IDENTICAL WITH LOCATION*

1500 To Cor. No. 2. Identical with the location and  
 with Cor. No. 3 of Papago Lode of this survey. I  
 scribe post 2-1820 A on N. W. face.

Thence S. 58° 7' W.

Va. 13° 15' E.

300 South end center. Identical with the location,  
 which is a post 4 ins. square in mound of stone 3 ft.  
 base and 2 ft. high.

410 Road, bearing N. N. E. and S. S. W.

600 To Cor. No. 3. Identical with the S. E. Cor. of  
 the location.

A pine post 3 1/2 ft. long, 4 ins. square, set  
 18 ins. in the ground, with mound of stone, scribed  
 3-1820 A.

Feet	
	An ironwood 4 ins. diam. bears S. 32° 20' W. 103 ft., and an ironwood 5 ins. diam. bears S. 23° 15' W. 101.4 ft., each blazed and scribed 3-1820 B. T.  Thence N. 46° 53' E.  Va. 13° 15' E.
72	Road, bearing East and West.
353	Gulch 60 ft. wide, 40 ft. deep, course Easterly.
750	<i>S.W. SIDE LINE MON. IDENTICAL WITH LOCATION, WHICH</i>
840	<i>IS A MOUND 2 FT. BASE 2 FT. HIGH.</i> Road, bearing East and West.
924	Gulch, course Westerly.
1115	Road to smelter, bearing N. E. and S. W.
1173	Gulch, course Southwesterly; ascend.
1350	Top of low ridge, bearing N. E. and S. W.
1500	To Cor. No. 4. Identical with S. W. Cor. of the location.  A pine post 3 1/2 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 4-1820 A.  A palo verde 5 ins. diam. bears S. 65 W. 21 ft., blazed and scribed 4-1820 B. T.  A cross (X) and B. R. 4-1820 chiseled on a granite rock, showing 4 x 3 x 3 ft. above the ground, bears N. 72° 15' W. 23.7 ft. <i>THENCE N 58° 7' W</i> <i>VA 13° 15' E</i>
150	Center of wash 40 ft. wide, course S. 40° W.
250	Same wash 40 ft. wide, course West.
300	North end center. Identical with the location, which is a post 4 ins. square in mound of stone 3 ft. base and 2 ft. high.
600	To Cor. No. 1, the place of beginning.

## AREAS.

Total area of Detroit Lode . . . . .	20.439 acres.
Total area of Baltimore Lode . . . . .	20.661 "
Less area in conflict with Detroit Lode . . . . .	1.419 "
Net area Baltimore Lode	<u>19.242 "</u>
Total area Swansea Lode . . . . .	17.893 "
Total area Omaha Lode	19.957 "
Less area in conflict with Swansea Lode	.046 "
Net area of Omaha Lode	<u>19.911 "</u>
Total area of Papago Lode	<u>19.957 "</u>
Total area of Apache Lode	<u>19.957 "</u>
Net area of Detroit Lode	20.439 acres
Net area of Baltimore Lode	19.242 "
Net area of Swansea Lode	17.893 "
Net area of Omaha Lode	19.911 "
Net area of Papago Lode	19.957 "
Net area of Apache Lode	19.957 "
Net area Survey No. 1820	<u>117.399 acres</u>

## LOCATION.

These claims are situated in Silver Bell Mining District, Pima County, Arizona, in approximately T. 12 S. R. 8 E. (unsurveyed).

## Courses of Ledges.

The ledges of the various claims embraced within this survey extend throughout the center of the respective claims, from end center to end center, as near as can be determined from surface indications and present development.

## Adjoining Claims.

The Detroit Lode is bounded on the North by Francis B. Lode (unsurveyed), Imperial Copper Co., owner; on the East by Sampson Lode (unsurveyed), Imper-



ial Copper Co., owner; and is joined on the South by  
 Olympia Lode, (unsurveyed), Imperial Copper Co., owner.  
*THE SWANSEA LODE IS BOUNDED ON THE WEST BY THE PERCY  
 LODE (UNSURVEYED) PERCY WILLIAMS, OWNER.*

Expenditure of Five Hundred Dollars.

I certify that the value of the labor and improve-  
 ments upon each of these claims, placed thereon by the  
 claimants and their grantors, is not less than five  
 hundred dollars, and that said improvements consist of:

Detroit Lode.

From Cor. No. 1.

Discovery shaft, No. 1, 4 x 6 ft. by 10 ft. deep,  
 bears N.  $84^{\circ} 30'$  W. 850 ft.

Value \$ 100.00

Cut, No. 2, 4 x 8 ft. by 12 ft. long, bears S.  $78^{\circ}$   
 W. 284 ft.

Value \$ 100.00

Cut, No. 3, 4 x 6 ft. by 15 ft. long, bears N.  $76^{\circ}$   
 W. 1130 ft.

Value \$ 100.00

Tunnel, No. 4, 4 x 6 ft. by 23 ft. long, course  
 Westerly, bears *N $78^{\circ}$ W 1280 ft.*

Value \$ 200.00

Tunnel, No. 5, 4 x 6 ft. by 55 ft. long, course  
 N.  $52^{\circ}$  W., bears N.  $22^{\circ}$  W. 430 ft.

Value \$ 400.00

Baltimore Lode.

From Cor. No. 3.

Discovery shaft, No. 1, 4 x 6 ft. by 10 ft. deep,  
 bears N.  $22^{\circ}$  E. 810 ft.

Value \$ 100.00

Tunnel, No. 2, 4 x 6 ft. by 55 ft. long, course  
 S.  $82^{\circ}$  W., bears N. 16 E. 500 ft.

Value \$ 500.00

Cut, No. 3, 4 x 6 ft. by 12 ft. long, bears  
 N.  $30^{\circ}$  E. 490 ft.

Value \$ 100.00

From Cor. No. 1.

Incline shaft, No. 4, 4 x 6 ft. by 27 ft. long,

course Northwest, bears S.  $56^{\circ} 30'$  W. 247 ft.

Value \$ 200.00

Cut, No. 5, 4 x 6 ft. by 16 ft. long, bears S.  $53^{\circ} 15'$  W. 400 ft.

Value \$ 100.00

Swansea Lode.

From Cor. No. 1.

Discovery shaft, No. 1, 4 x 6 ft. by 50 ft. deep, bears S.  $46^{\circ} 15'$  W. 930 ft.

Value \$ 500.00

Omaha Lode.

From Cor. No. 3.

Discovery shaft, No. 1, 4 x 6 ft. by 10 ft. deep, bears N.  $23^{\circ} 30'$  W. 735 ft.

Value \$ 100.00

Shaft, No. 2, 4 x 6 ft. by 10 ft. deep, bears N.  $45^{\circ}$  W. 470 ft.

Value \$ 100.00

Cut. No. 3, 4 x 6 ft. by 10 ft. long, bears N.  $42^{\circ} 45'$  W. 620 ft.

Value \$ 100.00

Cut, No. 4, 4 x 6 ft. by 20 ft. long, bears N.  $36^{\circ}$  W. 733 ft.

Value \$ 150.00

Cut, No. 5, 4 x 6 ft. by 20 ft. long, bears N.  $34^{\circ} 15'$  W. 738 ft.

Value \$ 150.00

Cut, No. 6, 4 x 6 ft. by 20 ft. long, bears N.  $32^{\circ}$  W. 735 ft.

Value \$ 150.00

Papago Lode.

From Cor. No. 1.

Discovery shaft, No. 1, 4 x 6 ft. by 10 ft. deep, bears S.  $34^{\circ}$  W. 290 ft.

Value \$ 100.00

Shaft, No. 2, 4 x 6 ft. by 50 ft. deep, bears

S. 17° W. 480 ft.

Value \$ 500.00

Shaft, No. 3, 4 x 6 ft. by 10 ft. deep, bears

S. 17° 30' E. 1055 ft.

Value \$ 100.00

Apache Lode.

From Cor. No. 1.

Discovery shaft, No. 1, 4 x 6 ft. by 10 ft. deep,  
bears S. 24° E. 735 ft.

Value \$ 100.00

Shaft, No. 2, 4 x 6 ft. by 50 ft. deep, bears

S. 29° E. 660 ft.

Value \$ 500.00

Shaft, No. 3, 4 x 6 ft. by 25 ft. deep, bears

S. 33° 45' E. 575 ft.

Value \$ 200.00

Shaft, No. 4, 4 x 6 ft. by 10 ft. deep, bears

S. 46° 30' E. 1070 ft.

Value \$ 100.00

Cut, No. 5, 3 x 4 ft. by 25 ft. long, bears

S. 32° 15' E. 62 ft.

Value \$ 200.00

Cut, No. 6, 3 x 4 ft. by 25 ft. long, bears

S. 6° 30' W. 490 ft.

Value \$ 200.00

Cut, No. 7, 4 x 8 x 8 ft., bears South 595 ft.

Value \$ 50.00

Cut, No. 8, 3 x 3 x 10 ft., bears S. 4° 15' E.

520 ft.

Value \$ 50.00

From Cor. No. 4.

Shaft, No. 9, 4 x 6 ft. by 10 ft. deep, bears

S. 66° 15' E. 146 ft.

Value \$ 100.00

~~Shaft, No. 10, 4 x 6 ft. by 10 ft. deep, bears~~

~~S. 45° W. 234 ft.~~

~~Value \$ 100.00~~

## Other Improvements.

From a point N.  $46^{\circ} 53'$  W. 487.4 ft. from Cor. No. 2 of Apache Lode.

N. E. corner of Superintendent's headquarters bears S.  $84^{\circ} 30'$  W. 220 ft. Building 50 x 150 ft., course N. W. and S. E.

N. E. corner of store building, 40 x 60 ft., bears N.  $64^{\circ} 30'$  W. 238 ft.

From a point S. 46 <sup>290 ft.</sup> 53' E. <sub>1</sub> from Cor. No. 1 of Apache Lode.

N. E. corner of 100 ton smelter, 50 x 100 ft., course S. 27 E., bears S.  $78^{\circ} 45'$  W. 123.6 ft.

N. E. corner of tank-house, 10 x 10 ft., bears S.  $1^{\circ} 45'$  E. 79 ft.

Tank bears S.  $41^{\circ} 30'$  W. 27 ft.

From Cor. No. 1 of Apache Lode.

N. W. corner of house, 12 x 20 ft., bears S.  $89^{\circ} 15'$  E. 119 ft.

N. E. corner of assay office bears S.  $9^{\circ} 45'$  W. 226 ft.

N. E. corner of shed, 20 x 60 ft., course East and West, bears S.  $4^{\circ} 45'$  E. 351 ft.

## Instrument.

This survey was made with a Young & Sons Light Mountain Transit with Smith's Solar Attachment. The courses were deflected from the true meridian as determined from direct solar observations. The distances were measured with 100-ft. and 300-ft. steel tapes.

*Philip Couzger*  
U. S. Deputy Mineral Surveyor.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Philip Coutzen  
 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 Silver Bell Copper Co  
 known as the Detroit - Baltimore, Swansea, Omaha, Papago  
and Apache  
 and showing the respective capacities in which they acted.

D. M. Penny, Chairman.  
W. H. Hill, Chairman.  
Chas. E. Thomas, Axman.  
Chas. M. Pogue, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, D. M. Penny, W. H. Hill, Chas. E. Thomas,  
 and Chas. M. Pogue, do solemnly swear that we assisted Philip  
Coutzen, United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of Silver Bell Copper Co.

known as the Detroit - Baltimore  
Swansea, Omaha, Papago and Apache, 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. M. Penny, Chairman.  
W. H. Hill, Chairman.  
Chas. E. Thomas, Axman.  
Chas. M. Pogue, Flagman.

Subscribed and sworn to by the above-named persons before me  
 this 7<sup>th</sup> day of July, 1903

Homer Dauter  
Notary Public

(4-686.)

## FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Philip Coutzen, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated

June 8<sup>th</sup> 1903, 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 Silver Bell Copper Co.

known as the Detroit - Baltimore - Swansea - Omaha - Papago and Apache Silver Bell Mining District, situate in

Pima County, Arizona, in Section

121, Township No. 8 E

and designated as Survey No. 1820, 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.

Philip Coutzen  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Philip Coutzen

U. S. Deputy Mineral Surveyor, before me

this 7<sup>th</sup>  
day of July 1903.

Homer Dauter  
Notary Public

Affidavit of Five Hundred Dollars Improvements.

We, J. M. Penny, and Chas. M. Pogue

of lawful age, being first duly sworn according to law, depose and say: That we Detroit - Baltimore - Swansea - Omaha - Papago  
an of apache are acquainted with the..... mining claim,

situate in Silver Bell Mining district, Pima County,

Arizona Territory, for which the Silver Bell  
Copper Co.

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

J. M. Penny  
Chas. M. Pogue

TERRITORY OF ARIZONA, }  
County of Pima } ss:

Sworn to and subscribed before me, this 7<sup>th</sup>

day of July, 1903



Homer Dauter  
Notary Public

DETROIT MINING CLAIM.

Notice of Location, Quartz Claim: TO ALL WHOM IT MAY CONCERN:

This 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 J. N. Curtis the undersigned, on the 16th day of June 1899. The length of the claim is 1500 feet and I claim 750 feet in a North Easterly direction and 750 feet in a South Westerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim together with 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 East to the South West. This claim is situated and located in the Silver Bell Mining District, in Pima County, in the Territory of Arizona about 1 mile in a Northerly direction from Nielsen M. & S. Co. Smelter. The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones at a point in a North Easterly direction 750 feet from the discovery shaft (at which this notice is posted) being in the center of the North East end lines of said claim; thence North Westerly 300 feet to a monument of stones being the N. West corner of said claim; thence S. Westerly 750 feet to a monument of stones at the center of the West side line of said claim; thence S. Westerly 750 feet to a monument of stones being at the S. West corner of said claim; thence S. Easterly 300 feet to a monument of stones at the center of the South West end of said claim; thence S. Easterly 300 feet to a monument of stones being at the S. East corner of said claim; thence N. Easterly 750 feet to a monument of stones being at the center of the East side line of said claim; thence N. Easterly 750 feet to a monument of stones at the N. East corner of said claim; thence N. Westerly 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 20, 1895.

Dated and posted on the ground this 16 day of June, 1899.

J. N. Curtis,

Witness.

W. H. Sexton.

Filed and recorded at request of A. Steinfeld, Sept. 14th 1899, at 9 A. M.

Chas. A. Shibell,

County Recorder.

**Territory of Arizona,** } ss.  
**County of Pima.**

I, *Chas. A. Shibell* County Recorder in and for the County of Pima. do hereby certify that the above and foregoing is a full, true and correct copy of *the Detroit Mining Claim, situated in Silver Bell Mining District, dated, June, 16<sup>th</sup> 1899.*

as appears of Record now in my office in Book *44* *Records of mines* Pages *454*

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson, this *12<sup>th</sup>* day of *June* A. D. 190<sup>3</sup>

*Chas. A. Shibell*  
County Recorder of Pima County, Arizona.  
*Sy m. a. Greene*  
*Recorder*

BALTIMORE MINING CLAIM.

NOTICE OF LOCATION, QUARTZ CLAIM: To all whom it may concern:

This mining claim, the name of which is the Baltimore 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 J. N. Curtis the undersigned, on the 16 day of June, 1899. The length of the claim is 1500 feet and I claim 750 feet in a North Easterly direction and 750 feet in a South Westerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the North East to the South West. This claim is situated in the Silver Bell Mining District, in Pima County, in the Territory of Arizona, about 1/2 mile in a Northerly direction from Neilsen M. & S. Co. Smelter. The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones at a point in a North Easterly direction 750 feet from the discovery shaft, (at which this notice is posted), being the center of the North East end lines, of said claim; thence North Westerly 300 feet to a monument of stones being the North West corner of said claim; thence S. Westerly 750 feet to a monument of stones at the center of the West side line of said claim; thence S. Westerly 750 feet to a monument of stones, being at the S. West corner of said claim; thence S. Easterly 300 feet to a monument of stones at the center of the S. West end of said ~~claim~~ claim; thence S. Easterly 300 feet to a monument of stones, being at the S. East corner of said claim; thence N. Easterly 750 feet to a monument of stones being at the center of the East side line ~~thence~~ of said claim; thence N. Easterly 750 feet to a monument of stones at the N. East corner of said claim; thence N. Westerly 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 20, 1895.

Dated and posted on the ground this 16 day of June, 1899.

J. N. Curtis

Locat or.

Witness.

W. H. Sexton.

Filed and recorded at request of A. Steinfeld, Sept. 14, 1899, at 9 A. M.

Chas. A. Shibell,

County Recorder.

**Territory of Arizona,** } ss.  
**County of Pima.**

I, *Chas. A. Shibell* County Recorder in and for the County of Pima, do hereby certify that the above and foregoing is a full, true and correct copy of the *Baltimore Mining Claim, situated in Silver Bell Mining District, dated, June 16<sup>th</sup> 1899.*

as appears of Record now in my office in Book *49* *Records of Mines* Pages *456*

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson, this *12<sup>th</sup>* day of *June* A. D. 1903.

*Chas. A. Shibell*  
County Recorder of Pima County, Arizona.  
*By W. A. Greene*  
*Deputy*

SWANSEA MINING CLAIM.

NOTICE OF MINING LOCATION, QUARTZ CLAIM: To all whom it may concern

This mining claim, the name of which is the Swansea 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 J. N. Curtis, the undersigned, on the 16 day of June 1899. The length of the claim is 1500 feet and I claim 750 feet in a Northerly direction and 750 feet in a Southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface ground, 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. This claim is situated and located in the Silver Bell Mining District, in Pima County, in the Territory of Arizona, about 3/4 of a mile in a Northerly direction from Nielsen M. & S. Co. Smelter. The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones at a point in a Northerly direction 750 feet from the discovery shaft (at which this notice is posted) being in the center of the North end lines of said claim; thence Westerly 300 feet to a monument of stones being the North West corner of said claim; thence Southerly 750 feet to a monument of stones at the center of the West side line of said claim; thence Southerly 750 feet to a monument of stones, being at the South West corner of said claim; thence Easterly 300 feet to a monument of stones at the center of the South end of said claim; thence Easterly 300 feet to a monument of stones, being at the S. East corner of said claim; thence Northerly 750 feet to a monument of stones being at the center of the East side line of said claim; thence Northerly 750 feet to a monument of stones at the N. East corner of said claim; thence Westerly 300 feet to the place of beginning.

All done under the provisions of Chapter 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 20, 1895.

Dated and posted on the ground this 16 day of June, 1899.

J. M. Curtis

Filed and recorded at request of A. Steinfeld, Sept. 14th 1899, at 9 A. M.

Chas. A. Shibell,

County Recorder.

**Territory of Arizona,** } ss.  
**County of Pima.**

I, *Chas. A. Shibell* County Recorder in and for the County of

Pima, do hereby certify that the above and foregoing is a full, true and correct copy of the *Swansea Mining Claim, situated in Silver Bell Mining District, dated June 16, 1899.*

as appears of Record now in my office in Book *44* Records of Mines. Pages *455*

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson, this *12* day of *June* A. D. 190<sup>3</sup>

*Chas. A. Shibell*  
County Recorder of Pima County, Arizona.  
*By M. A. Green*  
*Deputy*

## OMAHA MINING CLAIM.

NOTICE OF LOCATION, QUARTZ CLAIM: To all whom it may concern:

This mining claim the name of which is the Omaha 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 J. N. Curtis the undersigned, on the 16 day of June, 1899. The length of the claim is 1500 feet and I claim 750 feet in a Northwesterly direction and 750 feet in a Southeasterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim; together with 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 Northwest to the Southeast. This claim is situated and located in the Silver Bell Mining District in Pima County, in the Territory of Arizona, about 1000 feet in a Noarteasterly direction from the Nielsen M. & S. Smelter. The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones at a point in a Northwesterly direction 750 feet from the disceovey shaft, (at which this notice is posted), being in the center of the North West end lines, of said claim; thence North Easterly 300 feet to a monument of stones, being the North East corner of said claim; thence South Easterly 750 feet to ~~an~~ a monument of stones at the center of the East side line of said claim; thence South Easterly 750 feet to a monument of stones, being at the South East corner of said claim; thence South Westerly 300 feet to a monument of stones at the center of the South East end of said claim; thence South Westerly 300 feet to a monument of stones, being at the South West corner of said claim thence North Westerly 750 feet to a monument of stones being at the center of the West side line of said claim; thence North Westerly 750 feet to a monument of stones at the North West corner of said claim; thence North Easterly 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 20, 1899.

Dated and posted on the ground this 16 day of June, 1899.

J. N. Curtis.

Filed and recorded at request of A. Steinfeld Sept. 14th 1899, at 9 A. M.

Chas. A. Shibell,  
County Recorder.

**Territory of Arizona,** } ss.  
**County of Pima.**

I, *Chas. A. Shibell* County Recorder in and for the County of

Pima, do hereby certify that the above and foregoing is a full, true and correct copy of the

*Omaha Mining claim, situated in Silver Bell Mining district, dated, June 16<sup>th</sup> 1899.*

as appears of Record now in my office in Book *9.9* <sup>Records of mines</sup> *1* Pages *457*

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my

official seal, at my office in Tucson, this *12<sup>th</sup>* day

of *June* A. D. 190*3*

*Chas. A. Shibell*  
County Recorder of Pima County, Arizona.  
*By M. A. Greene*  
*deputy.*

PAPAGO MINING CLAIM.

NOTICE OF LOCATION, QUARTZ CLAIM: To all whom it may concern:

This mining claim the name of which is the Papago 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 J. N. Curtis the undersigned, on the 16 day of June 1899. The length of the claim is 1500 feet and I claim 115 feet in a North Westerly direction and 1385 feet in a South Easterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim together with 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 West to the South East. This claim is situated and located in the Silver Bell Mining District, in Pima County, in the Territory of Arizona, about 300 feet in a North Westerly direction from Nielsen M. & S. Co. Smelter is the North West end center Monument of the claim. The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones at a point in a North Westerly direction 115 feet from the discovery shaft (at which this notice is posted) being in the center of the North West end lines of said claim; thence South Westerly 300 feet to a monument of stones being the North West corner of said claim; thence South Easterly 750 feet to a monument of stones at the center of the West side line of said claim; thence South Easterly 750 feet to a monument of stones being at the South West corner of said claim; thence North Easterly 300 feet to a monument of stones at the center of the South East end of said claim; thence North Easterly 300 feet to a monument of stones being at the South East corner of said claim; thence North Westerly 750 feet to a monument of stones being at the center of the East side line of said claim; thence North Westerly 750 feet to a monument of stones at the North East corner of said claim; thence South Westerly 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 20, 1895.

Dated and posted on the ground this 16 day of June, 1899.

J. N. Curtis.

Locator.

Witness.

W. H. Sexton.

Filed and recorded at request of A. Steinfeld, Sept. 14, 1899,  
at 9 A. M.

**Territory of Arizona,** } *s.s.*  
**County of Pima.**

I, *Wes. A. Ghibell* County Recorder in and for the County of Pima, do hereby certify that the above and foregoing is a full, true and correct copy of *the Papago Mining claim, situated in Silver Bell Mining District, dated June 16<sup>th</sup> 1899.*

as appears of Record now in my office in Book *Y. Y. 1* <sup>Records of Mines</sup> Pages *458*

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson, this *12<sup>th</sup>* day of *June* A. D. 190*3*

*Wes. A. Ghibell*  
County Recorder of Pima County, Arizona.  
*By M. A. Greene*  
*orputy.*

APACHE MINING CLAIM.

NOTICE OF LOCATION, QUARTZ CLAIM: To all whom it may concern:

This mining claim the name of which is the Apache 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 J. N. Curtis the undersigned, on the 16th day of June, 1899. The length of the claim is 1500 feet and I claim 750 feet in a North Easterly direction and 750 feet in a South Westerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 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 East to the South West. This claim is situated and located in the Silver Bell Mining District, in Pima County, in the Territory of Arizona, about 300 feet in a Southerly direction from Nielsens M. & S. Co. Smelter. The surface boundaries of the claim are marked upon the ground as follows: Beginning at a Monument of stones at a point in a North Easterly direction 750 feet from the discovery shaft (at which this notice is posted ) being in the center of the North East end lines of ~~the~~ said claim; thence North Westerly 300 feet to a monument of stones being the North West corner of said claim; thence South Westerly 750 feet to a Monument of stones at the center of the West side line of said claim; thence South Westerly 750 feet to a monument of stones being at the South west corner of said claim; thence South Easterly 300 feet to a monument of stones at the center of the South West end of said claim; thence South Easterly 300 feet to a monument of stones being at the South East corner of said claim; thence North Easterly 750 feet to a monument of stones, being at the center of the East side line of said claim; thence North Easterly 750 feet to a monument of stones at the North East corner of said claim; thence North Westerly 300 feet to the place of beginning.

Territory of Arizona, } ss.  
County of Pima.

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I, *Cleas. A. Shiblee* County Recorder in and for the County of Pima, do hereby certify that the above and foregoing is a full, true and correct copy of the *Apache Mining Claims, situated in Silver Bell Mining District, dated June 16<sup>th</sup>, 1899.*

as appears of Record now in my office in Book *44* *Records of Deeds* Page *458*.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson, this *12<sup>th</sup>* day of *June* A. D. 190<sup>3</sup>.

*Cleas. A. Shiblee*  
County Recorder of Pima County, Arizona.  
By *M. A. Greene*  
*Deputy*

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 20, 1895.

Dated and posted on the ground this 16 day of June, 1899.

J. N. Curtis.  
Locator.

W. H. Sexton  
Witness.

Filed and recorded at request of A. Steinfeld, Sept. 14, 1899, at  
9 A. M.

Chas. A. Shibell,

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,

March 12<sup>th</sup>, 1904.

I, U. S. Surveyor-General for Arizona

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the  
Mining Claim of Silver Bell Copper Co.

known as the  
Detroit, Baltimore, Swansea, Omaha, Papago and Apache.

situate in Silver Bell mining district,

Pima County, Arizona

in Section APPROX., Township No. 12 S., Range No. 8E. (unsurveyed)

designated as Survey No. 1820

executed by Philip Contzen, U. S. Deputy Mineral

Surveyor, June 30th - July 6th, 1903, under my instructions dated

June 15th, 1903, have been critically examined and the necessary cor-

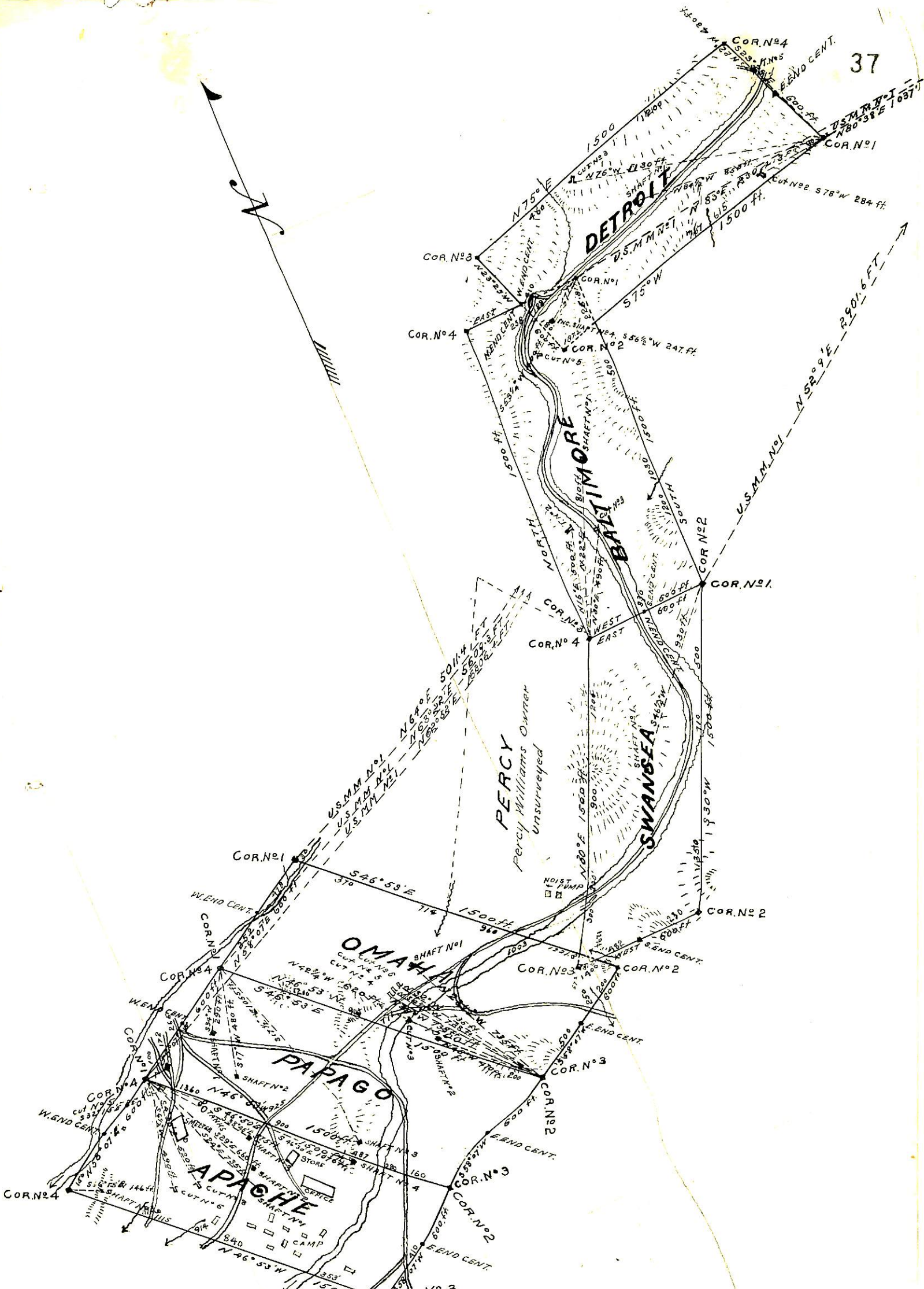
rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

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 P. Ingalls*

U. S. Surveyor-General for Arizona



**SURVEY N° 1820**  
 GILA LAND DISTRICT  
 surveyed June 30<sup>th</sup> to July 6<sup>th</sup> 1903.  
 By Philip Contzen,  
 U.S. Dep. Min. Surveyor.