

**MS**  
-

**0**

**2**

**4**

**0**

**4**

1  
APR 19 1907  
MAY 6 1907

*Copied  
307 May 13/07*

(4-683.)

Mineral Survey No. 2404

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

Arizona

Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIMS OF

MANSFIELD MINING &

SMELTING COMPANY.

KNOWN AS THE

MONTECELLO, LEE, SOLOMON, BLACK TOP, FRACTION,

and YELLOW ASTER, Wrightson Mining District.

Santa Cruz County, Arizona

Section \_\_\_\_\_, Township 21 S., Range 15 E. (Unsurveyed)

Surveyed under instructions dated March 26, 1907.

by Philip Contzen,

*U. S. Deputy Mineral Surveyor*

Claim located (See location notices), 1

Survey commenced April 2nd, 1907.

Survey completed April 4th, 1907.

o 6-100

Address;

S. M. Franklin,

Attorney,

Tucson, Ariz.

*Track  
file  
copy  
over  
OK  
#6*



## SURVEY NO. 2404.

## FRACTION LODE.

Beginning at Cor. No. 1, identical with the location, which is a mound of stone 3 ft. base  $2\frac{1}{2}$  ft. high.

Set a porphyry stone 30 x 14 x 10 ins., set 15 ins. in the ground, and raise a mound of stone alongside.

I chisel stone F-1-2404 on N. W. face, whence

U. S. Loc. Mon. 2397 brs. S.  $78^{\circ} 28'$  E. 4164.7 ft. dist.

An oak 8 ins. diam. blazed and scribed 1-2404 B T brs. N.  $21^{\circ} 15'$  E. 15 ft. dist.

A cross (x) and B R-1-2404 chiseled on a porphyry boulder 3 x 6 x 8 ft. above ground, brs. S.  $18^{\circ}$  W. 9.9 ft. dist.

Thence N.  $84^{\circ} 53'$  W.

Var.  $12^{\circ} 40'$  E.

200

To Cor. No. 2, identical with the location, which is a mound of stone 3 ft. base,  $2\frac{1}{2}$  ft. high.

Set a porphyry stone 20 x 12 x 10 ins., 10 ins. in the ground, and raise a mound of stone alongside.

I chisel stone F-2-2404 on N. E. face, whence

An oak 8 ins. diam. blazed and scribed 1-2-2404 B T brs. S.  $5^{\circ}$  E. 20 ft. dist.

An oak 6 ins. diam. blazed and scribed 1-2-2404 B T brs. N.  $27^{\circ}$  W. 12 ft. dist.

Thence N.  $5^{\circ} 26'$  W.

Var.  $12^{\circ} 40'$  E.

300

W. end center, identical with the location, which is a mound of stone 3 ft. base,  $2\frac{1}{2}$  ft. high.

Gulch, course easterly.

600

To Cor. No. 3, identical with the location, which is a mound of stone 3 ft. base,  $2\frac{1}{2}$  ft. high.

Set a porphyry stone 30 x 10 x 8 ins., 15 ins. in the ground, and raise a mound of stone alongside,

I chisel stone F-3-2404 on S. E. face, whence

An oak 6 ins. diam. blazed and scribed 3-4-2404 B T brs. N.  $18^{\circ}$  W. 10.6 ft. dist.

An oak 6 ins. diam. blazed and scribed 3-4-2404 B T brs. N,  $77^{\circ} 30'$  W. 51 ft. dist.

Thence S.  $84^{\circ} 53'$  E.

Var.  $12^{\circ} 40'$  E.

200

To Cor. No. 4, identical with the location, which is An oak tree 8 ins. diam. surrounded by a mound of stone.

I blaze and scribe said tree F-4-2404, whence

An oak 6 ins. diam. blazed and scribed F-4-2404 B T brs. N.  $2^{\circ}$  E. 12 ft. dist.

An oak 6 ins. diam. blazed and scribed F-4-2404 B T brs. S.  $5^{\circ}$  W. 31 ft. dist.

Thence S.  $5^{\circ} 26'$  E.

Var.  $12^{\circ} 40'$  E.

210

Gulch, course easterly

300

E. end center, which is a mound of stone 3 ft. base,  $2\frac{1}{2}$  ft. high, identical with the location.

600

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

## SOLOMON LODE.

Beginning at Cor. No. 1, identical with the location, and with Cor. No. 2 of the Fraction Lode of this survey.

I chisel corner stone S-1-2404 on N. W. face, whence

U. S. Loc. Mon. No. 2397 brs. S.  $78^{\circ} 46'$  E. 4363.4 ft. dist.

Thence N. 84° W.  
Var. 12° 40' E.

- 1500 To Cor. No. 2, identical with the location, <sup>and to SE Cor Ruby Lode (Unsurveyed)</sup> which is a mound of stone 3 ft. base,  $2\frac{1}{2}$  ft. high.  
Cor. point falls on a porphyry stone in place, 4 x 6 x 6 ft. above ground.  
I chisel cross (x) for exact cor. point and S-2-2404 on N. E. side, and raise a mound of stone alongside, whence  
An oak 6 ins. diam. blazed and scribed 2-2404 B T brs. S. 21° 45' W. 26.9 ft. dist.  
An oak 6 ins. diam. blazed and scribed 2-2404 B T brs. S. 38° 30' E. 10 ft. dist.

Thence N. 5° 26' W.  
Var. 12° 40' E.

- 210 Gulch, course easterly.  
300 W. end center, identical with the location, which is a mound of stone 3 ft. base,  $2\frac{1}{2}$  ft. high.  
600 To Cor. No. 3, identical with the location, <sup>and to SE Cor Ruby Lode (Unsurveyed)</sup> which is a mound of stone 3 ft. base,  $2\frac{1}{2}$  ft. high.  
Set a porphyry stone 40 x 20 x 10 ins., set 20 ins. in the ground, and raise a mound of stone alongside.  
I chisel stone S-3-2404 on S. E. face, whence  
An oak 8 ins. diam. blazed and scribed 3-5-2404 B T brs. N. 70° 30' W. 23.5 ft. dist.  
An oak 6 ins. diam. blazed and scribed 3-5-2404 B T brs. N. 27° 50' E. 16 ft. dist.

Thence S. 84° E.  
Var. 12° 40' E.

- 140 Gulch, course S. E.  
1500 To Cor. No. 4, identical with the location, and with Cor. No. 3 of the Fraction Lode of this survey.  
I chisel on cor. stone S-4-2404 on S. W. face,

Thence S. 5° 26' E.  
Var. 12° 40' E.

- 300 To E. end center, identical with the location, also with W. end center of the Fraction Lode of this survey,  
600 To Cor. No. 1, the place of beginning.

#### M O N T E C E L L O L O D E .

Beginning at Cor. No. 1, identical with the location, which is a mound of stone 3 ft. base,  $2\frac{1}{2}$  ft. high.  
Set a porphyry stone 30 x 18 x 10 ins., 15 ins. in the ground, and raise a mound of stone alongside.  
I chisel stone M-1-2404 on N. W. face, whence  
An oak 10 ins. in diam. blazed and scribed 1-2404 B T brs. N. 51° E. 23 ft. dist.  
An oak 8 ins. diam. blazed and scribed 1-2404 B T brs. S. 41° 40' E. 17 ft. dist.  
U. S. Loc. MoN. 2397 brs. S. 72° 52' E. 5114. ft. dist.

Thence N. 2° 18' E.  
Var. 12° 40' E.

- 115 To E. end center, identical with the location, which is a mound of stone 3 ft. base,  $2\frac{1}{2}$  ft. high.  
415 To Cor. No. 2, which falls on a porphyry stone in place 2 x 2 x 3 ft above ground.  
I chisel cross (x) for exact cor. point and M-2-2404 on S. W. face, and raise a mound of stone alongside.  
A pine 6 ins. in diam. blazed and scribed 2-2404 B T brs. S. 17° 30' W. 42 ft. dist.



A cross (x) and 2-2404<sup>BR</sup> chiseled on a porphyry boulder 3 x 6 x 8 ft. above the ground, brs. S. 69° 30' E. 18.8 ft. dist.

Thence N. 87° 18' W.  
Var. 12° 40' E.

950 Gulch, course S. E.  
1495.69 Cor. No. 3, identical with the location, which is a mound of stone 3 ft. base, 2½ ft. high.  
Set a porphyry stone 36 x 18 x 12 ins., set 18 ins. in the ground, and raise a mound of stone alongside.  
Chisel stone M-3-2404 on S. E. face, whence  
An oak 8 ins. in diam. blazed and scribed 3-2-2404 B T brs. N. 10° 30' W. 26.7 ft. dist.  
An oak 8 ins. diam. blazed and scribed 3-2-2404 B T brs N. 84° 30' W. 19.5 ft. dist.

Thence S. 2° 18' W.  
Var. 12° 40' E.

300 W. end center, identical with the location, which is a mound of stone 3 ft. base, 2½ ft. high.  
415 Cor. No. 4, identical with the location, which is a mound of stone 3 ft. base, 2½ ft. high.  
Set a porphyry stone 40 x 10 x 8 ins., 20 ins. in the ground, and raise a mound of stone alongside.  
Chisel stone M-4-2404 on N. E. face, whence  
A cross (x) and 4-1-2404 B R chiseled on a porphyry boulder 10 x 5 x 5 ft. above ground, brs. N. 28° E. 8.8 ft. dist.  
A cross (x) and 4-1-2404 B R chiseled on a porphyry boulder 4 x 3 x 6 ft. above ground, brs. N. 74° 40' E. 17 ft. dist.

Thence N. 87° E.  
Var. 12° 40' E.

550 Cor. No. 5, identical with Cor. No. 3 of the Solomon Lode of this survey, <sup>and N.E. Cor. Rv. by Lode (Unsurveyed)</sup> which is a mound of stone 3 ft. base 2½ ft. high.

Thence S. 84° E.  
Var. 12° 40' E.

950 Cor. No. 1, the place of beginning.

#### Y E L L O W A S T E R L O D E .

Beginning at Cor. No. 1, identical with the location, and with Cor. No. 4 of the Montecello Lode of this survey,

Chisel cor. stone Y A-1-2404 on N. W. face, whence U. S. Loc. Mon. No. 2397 brs. S. 76° 7' E. 6569.56' ft. dist.

Thence N. 2° 18' E.  
Var. 12° 40' E.

115 E. end center, identical with the location, and with  
415 W. end center of the Montecello Lode of this survey,  
Cor. No. 2, identical with the location, and with  
Cor. No. 3 of the Montecello Lode of this survey.  
Chisel cor. stone Y A-2-2404 on S. W. face.

Thence S. 84° 32' W.  
Var. 12° 40' E.

960. Gulch, course S. E.  
1390 Gilson trail, brs. S. E. and N. W.  
1507.41 Cor. No. 3, identical with the location, which is a

mound of stone 3 ft. base,  $2\frac{1}{2}$  ft. high.

Set a porphyry stone 36 x 18 x 12 ins., 18 ins. in the ground, and raise a mound of stone alongside.

Chisel stone Y A-3-2404 on S. E. face, whence

An oak 8 ins. diam. blazed and scribed 3-2404 B T  
brs. N.  $10^{\circ} 30'$  W. 26.7 ft. dist.

An oak 8 ins. diam. blazed and scribed 3-2404 B T  
brs. N.  $34^{\circ} 30'$  W. 19.5 ft. dist.

Thence S.  $2^{\circ} 18'$  W.

Var.  $12^{\circ} 40'$  E.

235 W. end center, identical with the location, which is a mound of stone 3 ft. base,  $2\frac{1}{2}$  ft. high.

350 Cor. No. 4, identical with the location, which is a mound of stone 3 ft. base,  $2\frac{1}{2}$  ft. high.

Set a porphyry stone 40 x 20 x 12 ins., 20 ins. in the ground, and raise a mound of stone alongside,

Chisel stone Y A-4-2404 on N. E. face, whence

An oak 12 ins. diam. blazed and scribed 4-2404 B T  
brs. S.  $76^{\circ} 50'$  E. 13.8 ft. dist.

An oak 8 ins. diam. blazed and scribed 4-2404 B T  
brs. N.  $41^{\circ}$  W. 22.7 ft. dist.

Thence N.  $87^{\circ}$  E.

Var.  $12^{\circ} 40'$  E.

490 Gilson trail, brs. S. E. and N. W.

550 Cor. No. 4 of the Lee Lode of this survey.

720 Gulch, course S. E.

1500 Cor. No. 1, the place of beginning.

#### L E E L O D E .

Beginning at Cor. No. 1, identical with the location, <sup>and S. W. Cor Ruby Lode (Unsurveyed)</sup> which is a mound of stone 3 ft. base,  $2\frac{1}{2}$  ft. high.

Set an antozite stone 40 x 20 x 12 ins., 20 ins. in the ground, and raise a mound of stone alongside.

Chisel stone L-1-2404 on N. W. face, whence

U. S. Loc. Mon. No. 2397 brs. S.  $82^{\circ} 43'$  E. 7328.66 ft. dist.

An oak 6 ins. diam. blazed and scribed 1-2404 B T  
brs. S.  $46^{\circ} 53'$  E. 20.7 ft. dist.

An oak 6 ins. diam. blazed and scribed 1-2404 B T  
brs. S.  $59^{\circ}$  W. 36 ft. dist.

Thence S.  $87^{\circ}$  W.

Var.  $12^{\circ} 40'$  E.

750 Cor. No. 4 of the Black Top Lode of this survey.

1500 Cor. No. 2, identical with the location, which is a mound of stone 3 ft. base,  $2\frac{1}{2}$  ft. high.

Set a porphyry stone 36 x 20 x 18 ins., 18 ins. in the ground, and raise a mound of stone alongside.

Chisel stone L-2-2404 on N. E. face, whence

An oak 5 ins. diam. blazed and scribed 2-2404 B T  
brs. N.  $72^{\circ} 15'$  E. 20 ft. dist.

An oak 6 ins. diam. blazed and scribed 2-2404 B T  
brs. S.  $14^{\circ}$  W. 15 ft. dist.

Thence N.  $5^{\circ} 26'$  W.

Var.  $12^{\circ} 40'$  E.

300 W. end center, identical with the location, which is a mound of stone 3 ft. base,  $2\frac{1}{2}$  ft. high.

400 Gulch, course E.

600 Cor. No. 3, identical with the location, which is a mound of stone 3 ft. base,  $2\frac{1}{2}$  ft. high.

Set a porphyry stone 40 x 20 x 18 ins., 20 ins. in the ground, and raise a mound of stone alongside.



Chisel stone L-3-2404 on S. E. face, whence  
 An oak 6 ins. diam. blazed and scribed 3-2404 B T  
 brs. N. 10° 55' W. 19.5 ft. dist.  
 An oak 8 ins. in diam. blazed and scribed 3-2404  
 B T, brs. S. 75° 5' E. 24.7 ft. dist.

Thence N. 87° E.  
 Var. 12° 40' E.

950 Cor. No. 4 of the Yellow Aster Lode of this survey.  
 1500 Cor. No. 4, identical with the location, <sup>and New Cor. Ruby Lode (Unsurveyed)</sup> which is a  
 mound of stone 3 ft. base, 2½ ft. high.

Set a porphyry stone 40 x 18 x 10 ins., 20 ins. in  
 the ground, and raise a mound of stone alongside.  
 Chisel stone L-4-2404 on S. W. face, whence  
 An oak 6 ins. diam. blazed and scribed 4-2404 B T  
 brs. N. 43° E. 16 ft. dist.  
 An oak 10 ins. diam. blazed and scribed 4-2404 B T  
 brs. S. 18° W. 23 ft. dist.

Thence S. 5° 26' E.  
 Var. 12° 40' E.

280 Gulch, course E.  
 300 E. end center, identical with the location, which is  
 a mound of stone 3 ft. base, 2½ ft. high.  
 600 Cor. No. 1, the place of beginning.

B L A C K T O P L O D E .

Beginning at Cor. No. 1, identical with the location,  
 which is a mound of stone 3 ft. base, 2½ ft. high.  
 Set a porphyry stone 40 x 14 x 12 ins., 20 ins. in  
 the ground, and raise a mound of stone alongside.  
 Chisel stone B T-1-2404 on S. W. face, whence  
 A pine 8 ins. diam. blazed and scribed 1-2404 B T  
 brs. N. 34° 18' E. 11.8 ft. dist.  
 A pine 6 ins. diam. blazed and scribed 1-2404 B T  
 brs. N. 66° 50' W. 13.7 ft. dist.  
 U. S. Loc. Mon. No. 2397 brs. S. 81° 35' E. 6592.12ft.  
 dist.

Thence S. 17° 40' W.  
 Var. 12° 40' E.

300 E. end center, identical with the location, which is  
 a mound of stone 3 ft. base, 2½ ft. high.

600 Cor. No. 2, identical with the location, which is a  
 mound of stone 3 ft. base, 2½ ft. high.

Set a porphyry stone 40 x 18 x 12 ins., 20 ins. in  
 the ground, and raise a mound of stone alongside.  
 Chisel stone B T-2-2404 on N. W. face, whence  
 An oak 12 ins. diam. blazed and scribed 2-2404 B T  
 brs. N. 67° 40' E. 11.9 ft. dist.  
 An oak 6 ins. diam. blazed and scribed 2-2404 B T  
 brs. N. 72° 30' W. 54.2 ft. dist.

Thence S. 87° W.  
 Var. 12° 40' E.

700 Gulch, course N. E.  
 1500 Cor. No. 3, identical with the location, which is a  
 mound of stone 3 ft. base, 2½ ft. high.

Set a porphyry stone 36 x 12 x 12 ins., 18 ins. in  
 the ground, and raise a mound of stone alongside.  
 Chisel stone B T-3-2404 on N. E. face, whence  
 An oak 6 ins. diam, blazed and scribed 3-2404 B T  
 brs. N. 16° W. 5 feet dist.  
 An oak 5 ins. diam. blazed and scribed 3-2404 B T

brs. S. 20° 30' E. 3.5 ft. dist.

Thence N. 17° 40' E.  
Var. 12° 40' E.

300 W. end center, identical with the location, which is a mound of stone 3 ft. base, 2½ ft. high.

600 Cor. No. 4, identical with the location, which is a mound of stone 3 ft. base, 2½ ft. high.

Set a porphyry stone 30 x 20 x 18 ins., 15 ins. in the ground, and raise a mound of stone alongside.

Chisel stone B T-4-2404 on S. E. face, whence

An oak 4 ins. diam. blazed and scribed 4-2404 B T brs. S. 29° W. 8.8 ft. dist.

An oak 8 ins. diam. blazed and scribed 4-2404 B T brs. N. 74° 30' W. 32 ft. dist.

Thence N. 87° E.  
Var. 12° 40' E.

750 Cor. No. 1 of the Lee Lode of this survey.  
900 Gulch, course N. E.  
1500 Cor. No. 1, the place of beginning.

A R E A .

Fraction Lode..	2.754	Acres. ✓
Solomon Lode.....	<del>20.640</del>	" ✓
Montecello Lode.....	13.310	" ✓
Yellow Aster Lode.....	13.115	" ✓
Lee Lode.....	20.640	" ✓
Black Top Lode.....	19.831	" ✓
	<u>88.622</u>	
Total area of claim...	<del>88.796</del>	" ✓

LOCATION.

This claim is located more or less in the center of Tp. 21 S., R. 15 E., (Unsurveyed) Gila & Salt River Base & Meridian, Tyndall Mining District, Santa Cruz County, Arizona.

ADJOINING CLAIMS.

The Fraction Lode is bounded on the E. by the Washington Lode (unsurveyed). The Montecello, Yellow Aster, Lee, Black Top, and Solomon Lodes are bounded by the Ruby Lode (unsurveyed) and by other lodes, names unknown.

COURSE OF VEINS.

The presumed course of the Fraction Lode vein is from the W. center to the E. center S. 84° 53' E. 200 ft. The presumed course of the vein of the Solomon Lode is from the W. center to the E. center S. 84° E. 1500 ft. The presumed course of the vein of the Montecello Lode is from the W. center to the E. center S. 87° 18' E. 1495.69 ft. The presumed course of the vein of the Yellow Aster Lode is from the W. center to the E. center N. 87° E. 1500 ft. The presumed course of the vein of the Lee Lode is from the W. center to the E. center N. 87° E. 1500 ft. The presumed course of the vein of the Black Top Lode is from the W. center to the E. center N. 87° E. 1500 ft.

IMPROVEMENTS.

I certify that the value of the labor and improvements upon these claims placed thereon by the claimant and its grantors is as follows;



## Fraction Lode;

From W. end center, discovery tunnel No. 1, 4 x 6 ft., 100 ft. long, course S. 35° E., brs. S. 84° 53' E. 60 ft. dist. Value \$700.00

Shaft No. 2, 4 x 6 ft., 20 ft. deep, with drift extending E. 20 ft., brs. N. 41° 30' E. 130 ft. dist. Value \$300.00

## Solomon Lode;

From E. end center, discovery cut No. 1, 4 x 6 ft., 20 ft. long, course N. 84° W., brs. N. 84° W. 75 ft. dist. Value \$100.00

From W. end center, Shaft No. 2, 4 x 6 ft., 50 ft. deep, brs. N. 79° 30' E. 51 ft. dist. Value \$600.00

## Montecello Lode;

From W. end center, discovery shaft No. 1, 4 x 6 ft., 10 ft. deep, brs. N. 87° E. 40 ft. dist. Value \$100.00

## Yellow Aster Lode;

From E. end center, discovery shaft <sup>No. 1</sup> 4 x 6 ft., 10 ft. deep, brs. N. 87° 15' W. 30 ft. dist. Value \$100.00

## Lee Lode;

From E. end center, discovery shaft No. 1, 4 x 6 ft., 10 ft. deep, brs. S. 87° W. 30 ft. dist. Value \$100.00

Tunnel No. 2, 4 x 6 ft., 60 ft. long, course S. 34° 30' E., brs. S. 73° 15' W. 480 ft. dist. Value \$400.00

## Black Top Lode;

From W. end center, discovery cut No. 1, 4 x 6 ft. 20 ft. long, course S. 87° W., brs. N. 87° E. 750 ft. dist. Value \$100.00

## INSTRUMENT.

This survey was made with a Young & Sons light mountain transit with solar attachment. The courses were determined by the solar attachment and checked on a meridian determined by a Polaris observation on April 1st, 1907, and the lines determined by the solar attachment checked with the meridian within 1 minute.

## POLARIS OBSERVATION.

At 6h 44m p.m., l.m.t., April 1st, 1907, I observe Polaris at Western elongation and mark the line by driving an iron rod 5 ft. long in the ground at a point 300 ft. N. of Cor. No. 1 of the Fraction Lode, and at 7;30 a.m. April 2nd, I deflect from my line previously marked on the ground, an azimuth of 1° 24' to the East, and from this meridian I test the lines of this survey and I find lines determined by the solar to practically agree.

*Philip Contzen*

U. S. Deputy Mineral Surveyor

SUPPLEMENTAL REPORT OF IMPROVEMENTS PERFORMED ON LODES  
EMBRACED IN SURVEY NO. 2404, SINCE OFFICIAL SURVEY  
WAS MADE.

-----

From Cor. No. 4, Lee Lode, Survey No. 2404:

A shaft 4 x 6 ft., 120 ft. deep, brs. S. 59° 40' W., 533 feet. Further this shaft has a drift extending east and one extending west, both 80 feet long, with two cross-cuts, one extending 35 ft. N., and one extending 20 ft. S.

Value, ----- \$3,000.00

This shaft is being sunk deeper and with the system of cross cuts and drifts it is expected to tap the veins of the various claims in this group at a depth to permit of an economic and systematic method of mining.

\$500 worth of these improvements is to be accredited to the development, each, to the following lodes embraced in this survey, to-wit:

Fraction lode, -----	\$500.00
Solomon Lode, -----	\$500.00
Montecello Lode, -----	\$500.00
Yellow Aster Lode, -----	\$500.00
Lee Lode, -----	\$500.00
Black Top Lode, -----	\$500.00

Dated July 25, 1907.

*Philip Outzen*  
-----  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to before me this 25th day of July, 1907.

*W. G. Power*  
-----  
Notary Public, Pima County, Arizona Territory.  
My Commission Expires April 27th, 1908.



Office of U. S. Surveyor General,

Phoenix, Arizona, September 10, 1907.

I, Frank S. Ingalls, U. S. Surveyor General for the District of Arizona, hereby certify that not less than five hundred dollars' worth of improvements have been made, or labor expended, upon or for the benefit of the Fraction, Solomon, Montecello, Yellow Aster, Lee and Black Top mining claims, included in Mineral Survey No. 2404, and that shaft No. 4 on the Lee lode is a common improvement for the development of all of said claims, and a one-sixth ( $1/6$ ) interest therein is properly credited to each claim embraced in the survey, and that no portion of the value of this shaft has been credited to any other claim. A copy of the supplemental report of improvements made upon the claims embraced in Survey No. 2404, by Philip Contzen, U. S. Deputy Mineral Surveyor, dated July 25, 1907, is hereto attached.

Frank S. Ingalls  
U. S. Surveyor General.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Philip Contzen  
 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 Mansfield Mining & Smelting Company  
 known as the Fraction, Solomon, Montecello, Yellow Aster, Lee, Black Top  
Lodes  
 and showing the respective capacities in which they acted.

- Will Crouch , Chairman.
- E. L. Slataper , Chairman.
- Fred Smith , Axman.
- George Stevens , Flagman.

## FINAL OATHS OF ASSISTANTS.

We, Will Crouch, E. L. Slataper, Fred Smith,  
 and George Stevens, do solemnly swear that we assisted Philip  
Contzen, United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of Mansfield Mining & Smelting Co.  
 , known as the Fraction, Solomon  
Montecello, Yellow Aster, Lee and Black Top Lodes, 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.

- Will Crouch , Chairman.
- E. L. Slataper , Chairman.
- Fred Smith , Axman .
- George Stevens , Flagman.

Subscribed and sworn to by the above-named persons before me  
 this 8<sup>th</sup> day of April, 1907.

W. G. Power  
 Notary Public, Pima County, Arizona Territory.  
 My Commission Expires April 27th, 1908.



(4-686.)

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

I, Philip Contzen, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated March 26th, 1907, 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 Claims of Mansfield Mining & Smelting Co., known as the Montecello, Lee, Solomon, Black Top, Fraction, and Yellow Aster situate in Tyndall Mining District, Santa Cruz County, Arizona, in Section \_\_\_\_\_, Township No. 21 S., Range No. 15 E., and designated as Survey No. 2404, 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 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 Contzen*  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Philip Contzen,  
U. S. Deputy Mineral Surveyor, before me W. G. Power  
this 8th  
day of April, 1907.

*W. G. Power*  
Notary Public, Pima County, Arizona Territory.  
My Commission Expires April 27th, 1908.

## NOTICE OF LOCATION

Notice is hereby given that the FRACTION mining claim was located by A. B. Richmond on this 24 day of October, 1906, for mining purposes. Said claim is 1500 feet in length along this vein or deposit of mineral bearing rock in place, and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is easterly and westerly and it is situated in the Wrightson Mining District, Santa Cruz County, Arizona, about eleven miles north west of Patagonia and about six miles south of Old Baldy. This claim is the west extension of the Washington and the east extension of the Ruby group and is a relocation of an abandoned mining claim.

This claim runs from the discovery monument or stake, on which this notice is posted, 750 feet in a easterly direction to the east center end monument, or stake, and 750 feet in a westerly direction from the aforesaid location monument, or stake, to the west center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

A. B. Richmond, Locator.

Territory of Arizona,)

Santa Cruz County. )

ss.

I, A. B. Richmond hereby certify that I am a locator of the within named claim and that the location work was performed thereon within 90 days from the date of location, to the full amount and in the manner required by law.

Witness my hand and seal this 9th day of January, 1907.

A. B. Richmond, (SEAL)

This claim is a re-location of an abandoned mining claim unknown.



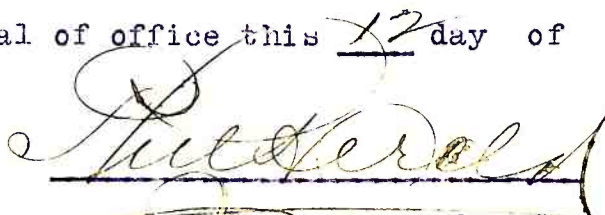
Territory of Arizona,)

ss.

County of Santa Cruz.)

I, Phil Herold County Recorder in and for the County and Territory aforesaid, do hereby certify that I have compared the foregoing copy with the original location notice of the FRACTION mining claim, filed and recorded in my office on the 11th day of January, 1907 in Book 7 of Mining Locations at pages \_\_\_ et seq; and that the same is full, true and correct copy of such original and of the whole thereof.

Witness my hand and seal of office this 12 day of February, A. D. 1907.

  
 \_\_\_\_\_  
 County Recorder.

## NOTICE OF LOCATION

Notice is hereby given that the SOLOMON mining claim was located by S. D. Brough on this 25th day of July, 1906 for mining purposes. Said claim is 1500 feet in length along this vein or deposit of mineral bearing rock in place and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is Easterly and Westerly and it is situated in the Wrightson Mining District, Santa Cruz County, Arizona, about six miles south of Santa Rita Peak in Mansfield Canyon and is the east extension of the Ruby mine and is a relocation of an abandoned mine.

This claim runs from the discovery monument or stake, on which this notice is posted, 1500 feet in a easterly direction to the east center end monument or stake, and no feet in a westerly direction from the aforesaid location monument, or stake, to the west center monument or stake, and is also marked by two corner monuments or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in a form of a parallelogram.

Witness:

S. D. Brough.

A. B. Richmond.

Territory of Arizona,)

ss.

County of Santa Cruz.)

I, S. D. Brough hereby certify that I am a locator of the within named claim and that the location work was performed thereon within 90 days from the date of location to the full amount and in the manner required by law.

Witness my hand and seal this \_\_\_\_ day of \_\_\_\_ 190\_\_.

\_\_\_\_\_  
(SEAL)

This claim is a relocation of an abandoned mining claim unknown

Filed and recorded at the request of S. D. Brough, July 31,

A. D. 1906 at 9 A. M.

Phil Herold,

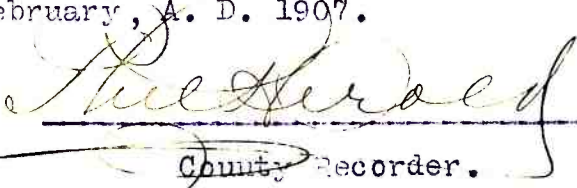
County Recorder.



Territory of Arizona,) : ss.  
County of Santa Cruz.)

I, Phil Herold County Recorder in and for the County and Territory aforesaid do hereby certify that the foregoing is a full, true and correct copy of location notice of the SOLOMON mining claim, situated in the Wrightson Mining District, Santa Cruz County, Arizona, as the same appears of record in my office in Book 6 of Mining Locations at pages 532 and 533.

In witness whereof, I have hereunto set my hand and affixed my official seal this 12 day of February, A. D. 1907.

  
\_\_\_\_\_  
County Recorder.

## NOTICE OF MINING LOCATION

Lode

Claim

TO ALL WHOM IT MAY CONCERN:-

This mining claim, the name of which is the MONTECELLO 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 purposes of exploration and purchase by A. B. Richmond, a citizen of the United States, the undersigned, on the 18th day of March, 1907.

The length of this claim is 1500 feet and I claim 40 feet in a westerly direction and 1460 feet in an easterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, to either 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 Easterly to the West.

The claim is situated and located in the Wrightson Mining District, in Santa Cruz County, in the Territory of Arizona, about 9 miles in a north westerly direction from Patagonia, and 5 miles southerly from Baloy Peak on the Santa Rita Range, and is bounded on the south by the Ruby and Solomon lodes and on the west by the Yellow Aster lode.

The surface boundaries of the claim are marked upon the ground as follows: Beginning <sup>at a monument of stone</sup> at a point in a westerly direction 40 feet from the discovery shaft (at which this notice is posted) being in the center of the west end line of said claim; thence northerly 300 feet to a mound of stone being the north west corner of said claim; thence easterly 1500 feet to a mound of stone being at the north east corner of said claim; thence southerly 300 feet to a mound of stone at the center of the east end line of said claim; thence southerly 300 feet to a mound of stone being at the south east corner of said claim; thence westerly 1500 feet to a mound of stone at the south west corner of said claim; thence



northerly 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 to Revise and Codify the Laws of the Territory of Arizona", approved March 16, 1901.

Dated and posted on the ground this 18th day of March, 1907.

A. B. RICHMOND,


Witnesses.

P R. Barthelmy.

Territory of Arizona,) : ss.  
County of Santa Cruz.)

I, Phil Herold County Recorder in and for the County and Territory aforesaid do hereby certify that I have compared the foregoing copy with the original notice of mining location of the Montecello mining claim, located by A. B. Richmond, filed and recorded in my office on the 20th day of March, 1907 at 9 A. M. in Book 7 of Mining Locations at pages \_\_\_\_\_ et seq; and that the same is a full, true and correct copy of such original and of the whole thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal this 20th day of March, A. D. 1907.

  
\_\_\_\_\_  
County Recorder.

## NOTICE OF MINING LOCATION

Lode

Claim

TO ALL WHOM IT MAY CONCERN:-

This mining claim, the name of which is the YELLOW ASTER 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 purposes of exploration and purchase by A. B. Richmond, a citizen of the United States, the undersigned, on the 18th day of March, 1907.

The length of this claim is fifteen hundred (1500) feet, and I claim 30 feet in an easterly direction and 1470 feet in a 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 Easterly to the Westerly.

The claim is situated and located in the Wrightson Mining District, in Santa Cruz County, in the Territory of Arizona, about 9 miles in a northwesterly direction from Patagonia and 5 miles southerly from Baldy Peak in Santa Rita range, the south side line of this claim intersects Mansfield Gulch at a point 850 ft. from the S. W. corner and 1/2 mile southerly of Gilson Camp. This claim is bounded on the south by the Ruby and Lee lodes and on the east by the Montecello lode.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone at a point in a easterly direction 30 feet from the discovery shaft (at which this notice is posted), being in the center of the East end line of said claim; thence northerly 300 feet to a monument of stone being the north east corner of said claim; thence westerly 1500 feet to a mound of stone being at the north west corner of said claim thence southerly 300 feet to a mound of stone at the center of the west end of said claim; thence southerly 300 feet to a mound of



stone being at the south west corner of said claim; thence easterly 1500 feet to a mound of stone at the south east corner of said claim; thence northerly 300 feet to the place of beginning.

Al 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 to Revise and Codify the Laws of the Territory of Arizona", approved March 16, 1901.

Dated and posted on the ground this 18th day of March, 1907.

A. B. RICHMOND.

Witnesses.

P. R. Barthelmy.

Territory of Arizona,)
   
 County of Santa Cruz.) ss.

I, Phil Herold County Recorder in and for the County and Territory aforesaid, do hereby certify that I have compared the foregoing copy with the original notice of location of the Yellow Aster mining claim, located by A. B. Richmond, filed and recorded in my office on the 20th day of March, 1907 at 9 A. M. in Book 7 of Mining Locations at pages \_\_\_\_\_ et seq; and that the same is a full, true and correct copy of such original and of the whole thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal this 20th day of March A. D. 1907.

*Phil Herold*  
 \_\_\_\_\_  
 County Recorder.

## NOTICE OF LOCATION

Notice is hereby given that the LEE mining claim was located by S. D. Brough on this 25th day of July, 1906 for mining purposes. Said claim is 1500 feet in length along this vein or deposit of mineral bearing rock in place and 300 feet in width on each side of the center of said vein or deposit from end to end of said claim. The general course of this claim is easterly and westerly and it is situated in the Wrightson Mining District, Santa Cruz County, Arizona, about six miles south of Santa Rita Peak in Mansfield Canyon and is the west extension of the Ruby mine and is the relocation of an abandoned mining claim.

This claim runs from the discovery monument, or stake, on which this notice is posted, 1500 feet in a westerly direction to the west center end monument, or stake, and no feet in a easterly direction from the aforesaid location monument, or stake, to the east center end monument or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

Witness:

S. D. Brough.

A. B. Richmond.

Territory of Arizona,)

ss.

County of Santa Cruz.)

I, S. D. Brough hereby certify that I am a locator of the within named claim and that the location work was performed thereon within 90 days from the date of location, to the full amount and in the manner required by law.

Witness my hand and seal this \_\_\_ day of \_\_\_\_\_ 190\_\_.

(SEAL)

This claim is a relocation of an abandoned mining claim unknown.

Filed and recorded at request of S. D. Brough, July 31, A. D. 1906 at 9 A. M.

Phil Herold, County Recorder.



Territory of Arizona,)
:
County of Santa Cruz.) SS.

I, Phil Herold County Recorder in and for the County and Territory aforesaid, do hereby certify that the foregoing is a full, true and correct copy of location of the LEE mining claim, situated in the Wrightson Mining District, Santa Cruz County, Arizona, as the same appears of record in my office in Book 6 of Mining Locations at pages 531 and 532.

In witness whereof, I have hereunto set my hand and affixed my official seal this 12 day of February, A. D. 1907.

[Handwritten signature]
County Recorder.

## NOTICE OF LOCATION

Notice is hereby given that the BLACK TOP mining claim, was located by S. D. Brough on this 8th day of June, 1906 for mining purposes. Said claim is 1500 feet in length along this vein or deposit of mineral bearing rock in place, and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is easterly and westerly, and it is situated in the Wrightson Mining District, Santa Cruz County, Arizona, about eleven miles north west of Patagonia in Mansfield Canyon, about six miles# south of Old Paldy peak. This claim is parallel to the South side lines of the east half of the Solomon mine and the west half of the Ruby mine.

This claim runs from the discovery monument or stake, on which this notice is posted 750 feet in a westerly direction to the west center end monument, or stake, and 750 feet in a easterly direction from the aforesaid location monument or stake, to the east center end monument or stake, and is also marked by two corner monuments or stakes at each end of said claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

S. D. Brough, Locator.

Territory of Arizona,)

ss.

Santa Cruz County. )

I, S. D. Brough hereby certify that I am a locator of the within named claim and that the location work was performed thereon within 90 days from the date of location, to the full amount and in the manner required by law.

Witness my hand and seal this 28 day of August, 1906.

\_\_\_\_\_(SEAL)

Filed and recorded at request of A. B. Richmond, Aug. 31, A. D. 1906 at 9 A. M.

Phil Herold, County Recorder.



Territory of Arizona, )

ss.

County of Santa Cruz. )

I, Phil Herold County Recorder in and for the County and Territory aforesaid, do hereby certify that the foregoing is a full, true and correct copy of location notice of the Black Top mining claim, situated in the Wrightson Mining District, Santa Cruz County, Arizona, as the same appears of record in my office in Book 6 of Mining Locations at pages 619 and 620.

In witness whereof, I have hereunto set my hand and affixed my official seal this 17 day of February, A. D. 1907.

*Phil Herold*  
 \_\_\_\_\_  
 County Recorder.

PK

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

DEPARTMENT OF THE INTERIOR,

Office of U. S. Surveyor General,

Phoenix, Arizona, June 18, 1907.

I, U. S. Surveyor General for Arizona, do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of Mansfield Mining & Smelting Company, known as the Fraction, Solomon, Montecello, Yellow Aster, Lee, Black Top, situate in Wrightson Mining District, Santa Cruz County, Arizona, in Section \_\_\_\_\_, Township No. 21 S., Range No. 15 E., unsurveyed, and designated as Survey No. 2404, has been correctly copied from the originals on file in this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

And I further certify that five hundred dollars' worth of labor has been expended, or improvements made upon the Fraction, Solomon and Lee lodes, at time of survey, and that less than five hundred dollars has been expended or improvements made upon the Montecello, Yellow Aster and Black Top lodes, at time of survey. When the necessary amount of work has been done upon the Montecello, Yellow Aster and Black Top lodes, a further certificate will be issued, certifying to the necessary amount of work upon each claim of this survey, in which certificate a detailed statement of the improvements made will be given.

And 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.



4-687.

SURVEYOR-GENERAL'S CERTIFICATE OF APPROVAL OF FIELD  
NOTES AND SURVEY OF MINING CLAIM.

**Department of the Interior,**

*Office of U. S. Surveyor-General,*

Phoenix, Arizona,

June 18, 1907.

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 Mansfield Mining & Smelting Company

....., known as the  
Fraction, Solomon, Montecello, Yellow Aster, Lee, Black Top Lodes  
situate in Wrightson Mining District,

Santa Cruz County, Arizona,

in Section ....., Township No. 21 S., Range No. 15 E. (unsur).

....., designated as Survey No. 2404,

executed by Philip Contzen, U. S. Deputy Mineral

Surveyor, April 2nd, 4th, 1907, under my instructions dated

March 26th, 1907, 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.



U. S. Surveyor-General for Arizona.

MAP