

4-683

MINERAL SURVEY No. 3659

LOT No.

ARIZONA Land District.

# FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Globe Manganese and Cooper Company

KNOWN AS THE

Claud, Fiero, Manganese, Speck, Uno, Pick and Dick lodes

Globe Mining District,

Gila County, Arizona.

Section 10 and 11, Township 1 N., Range 15 1/2 E.

Surveyed under instructions dated June 1, 1920.

by Edwin T. Stewart  
U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced June 5, 19 20.

Survey completed June 25, 19 20.

Address of claimant's Attys. Morris & Malott,  
Globe, Arizona.

DATES OF AMENDED LOCATIONS.

See location notices

Feet

## MINERAL SURVEY No 3659.

## CLAUD Lode.

- Beginning at corner No 1, identical with N.E. Cor. of the location.
- On line 4-1, Pick lode, this survey, S. 54°-19' W. 289.3 ft. from Cor. No 4.
- A quartzite stone, 9 x 12 x 25 ins., chiseled with cross at the exact corner and 1-C-3659, set 12 ins. in the ground, with mound of stone alongside, whence
- The quarter corner between sections 10 and 11 T. 1 N. R. 15½ E. G & S.R.B. & M., bears N. 69°-52'-40" W. 406.3 ft.
- No other bearings available.
- Thence S. 31°-04' E.
- 227.8 To N.E.E.C. monument of the location, from which the discovery shaft bears S. 59°-38' W. 118.0 ft.
- A monument of stone, 3 ft. base, 3 ft. high.
- 527.8 To Cor. No 2, identical with S.E. Cor. of the location.
- A diabase boulder, showing 8 x 9 x 11 ins. out of the ground, chiseled cross at the exact corner and 2-C-3659, with mound of stone alongside.
- No bearings available.
- Thence S. 59°-38' W.
- 757.5 Intersect the section line between sections 10 and 11, T. 1 N. R. 15½ E. N. 00°-01' W. 1659.8 ft. from the section corner and S. 00°-01' E. 974.8 ft from the quarter corner.
- 1456.3 To Cor. No 3, identical with S.W. Cor. of the location.
- A quartzite stone, 4 x 8 x 25 ins., chiseled cross at the exact corner and 3-C-3659, set 12 ins. in the ground, with mound of stone alongside.
- No bearings available.
- Thence N 31°-04' W.
- 300.0 To S.W.E.C. monument of the location.
- A pine post, 4ft. long, 4 ins. sq., with nail at the exact point, set 18 ins. in the ground, scribed S.W.E.C.-C-3659.

- Feet.
- 531.0 To Cor. No 4, identical with N.W. Cor. of the location.  
On line 2-3, Uno lode, this survey, S.63°-02'W. 138.5 ft.  
from Cor. No 2.  
A quartzite stone, 5 x 9 x 24 ins., chiseled cross at the  
exact corner, and 4-C-3659, with mound of stone alongside.  
No bearings available.  
Thence N.59°-45'E.
- 139.26 Intersect lines 1-2 and 3-4 respectively, of Uno and  
Dick lodes, both of this survey, N.23°-07'W. 8.0 ft. from  
Cors. 2 and 3.
- 841.8 Intersect lines 1-2 and 2-3 respectively of Dick and  
Manganese lodes, both of this survey, N.23°-07'W. 48.4 ft.  
from Cor. No 2 of said Dick lode and N.23°-07'W. 59.5 ft.  
from Cor. No 2 of said Manganese lode.
- 1014.8 Intersect the section line between sections 10 and 11,  
T.1 N. R. 15½ E.G. & S.R.B. & M., N.00°-01'W. 2272.4 ft.  
from the section corner and S.00°-01'E. 362.2 ft. from the  
quarter corner.
- 1262.4 Intersect lines 5-1 and 1-2, respectively, of Manganese  
and Pick lodes, both of this survey, N.28°-37'W. 18.5 ft.  
from Cors. 1.
- 1456.3 To Cor. No 1, the place of beginning.  
FIERO Lode.  
Beginning at Cor. No 1, identical with S.E. Cor. of the  
location.  
A quartzite stone, 5 x 7 x 26 Ins., chiseled cross at the  
exact corner and 1-F-3659, set 12 ins. in the ground,  
with mound of stone alongside, whence  
The quarter corner between sections 10 and 11, T. 1 N.,  
R. 15½ E., G & S.R.B. & M., bears S. 77°-52'-30" E. 344.8  
ft.  
No other bearings available.  
Thence S. 63°-02'W.
- 32.2 To Cors. 1 and 3, respectively of Dick and Manganese

- Feet. lodes, both of this survey.
- Along line 1-4 of said Dick lode.
- 730.8 To Cor. No 4 of said Dick lode and Cor. No 1, Uno lode also of this survey.
- Along line 1-4 of said Uno lode.
- 1499.9 To Cor. No 2, identical with S.W. Cor. of the location.
- On line 4-1 of said Uno lode, N.63°-02'E. 730.1 ft. from Cor.No 4.
- A quartzite stone, 6 x 8 x 26 ins., chiseled cross at the exact corner and 2-F-3659, with mound of stone alongside, whence
- A cross on quartzite in place, about which is chiseled B.R. 3659, bears S.65°-45'W. 6.17 ft.
- No other bearings available.
- Thence N. 29°-22'W.
- 300.0 To S.W.E.C. monument of the location, from which the discovery cut bears N.63°-02'E. 1175.3 ft.
- A monument of stone, 4 ft. base, 3.5 ft. high.
- 598.7 To Cor. No 3, identical with N.W. Cor. of the location.
- A quartzite stone 6 x 12 x 25 ins., chiseled cross at the exact corner and 3-F-3659, with mound of stone alongside.
- No bearings available.
- Thence N.63°-02'E.
- 1499.9 To Cor. No 4, identical with N.E. Cor. of the location.
- On line 3-4, Manganese lode, this survey, N.26°-17'W. 598.2 ft. from Cor. No 3.
- A quartzite stone, 6 x 6 x 24 ins., chiseled cross at the exact corner and 4-F-3659, with mound of stone alongside.
- No bearings available.
- Thence S.29°-22'E.
- 298.7 To N.E.E.C. monument of the location.
- A monument of stone, 3.5 ft. base, 3 ft. high.
- 598.7 To Cor. No. 1, the place of beginning.

Feet.

## MANGANESE Lode.

Beginning at Cor. No. 1, identical with S.E. Cor. of the location and Cor. No. 1, Pick lode, this survey.

A quartzite stone, 7 x 9 x 25 ins., chiseled cross at the exact corner and 1-M-3659 for this claim, set 12 ins. in the ground, with mound of stone alongside, whence

The quarter corner between sections 10 and 11, T. 1 N., R. 15 $\frac{1}{2}$  E., G & S.R.B. & M., bears N.41°-18'W. 337.7 ft.

No other bearings available.

Thence S. 54°-19'W.

200.0 To S.E.E.C. monument of the location, from which the discovery cut bears N.28°-37'W. 880.0 ft.

A monument of stone, 3 ft. base, 3 ft. high.

274.3 Intersect the section line between sections 10 and 11, T. 1 N., R. 15 $\frac{1}{2}$  E., G & S.R.B. & M., N.00°-01'W. 2220.9 ft. from the section corner and S. 00°-01'E. 413.7 ft. from the quarter corner.

429.4 To Cor. No. 2, identical with S.W. Cor. of the location.

A quartzite stone 4 x 9 x 26 ins., chiseled cross at the exact corner and 2-M-3659, with mound of stone alongside.

No bearings available.

Thence N.23°-07'W.

11.1 To Cor. No. 2, Dick lode, this survey.

Along line 2-1 of said Dick lode.

59.5 Intersect line 4-1, Claud lode, this survey, S.59°-45'W. 614.5 ft. from Cor.No. 1.

311.1 To N.E.E.C. of said Dick lode.

611.1 To Cor. No. 3, identical with monument of the location and Cor. No. 1 of said Dick lode.

On line 1-2, Fiero lode, this survey, S.63°-02'W. 32.2 ft. from Cor. No. 1.

A quartzite stone, 5 x 8 x 24 ins., chiseled cross at the exact corner and 3-M-3659 for this claim, set 12 ins. in

Feet. the ground, with mound of stone alongside.

No bearings available.

Thence N.  $26^{\circ}-17'W$ ,

598.2 To Cor. No. 4, Fiero lode, this survey, from which Cor. No. 1 of said Fiero lode bears S.  $29^{\circ}-22'E$ . 598.7 ft.

713.7 To Cor. No. 4, identical with N.W. Cor. of the location. A quartzite stone, 8 x 10 x 24 ins. chiseled cross at the exact corner and 4-F-3659, set 12 ins. in the ground with mound of stone alongside, whence

A quartzite stone, 10 x 12 ins., flush with the ground, chiseled cross B.R.-3659 bears N.  $61^{\circ}-59'W$ . 16.0 ft.

No other bearings available.

Thence N.  $54^{\circ}-19'E$ .

141.1 To N.W.E.C. monument of the location.

A monument of stone, 3.5 ft. base, 3 ft. high.

341.1 To Cor. No 5, identical with N.E. Cor. of the location and Cor. No 2 Pick lode, this survey.

A quartzite stone, 5 x 12 x 25 ins. chiseled cross at the exact corner and 5-M-3659 for this claim, with mound of stone alongside.

No bearings available.

Thence S.  $28^{\circ}-37'E$ .

Along line 2-1 of said Pick lode

844.9 Intersect the section line between sections 10 and 11, T. 1 N. R.  $15\frac{1}{2}$  E., G. & S.R.B.&M., N.  $00^{\circ}-03'W$ . 155.0 ft. from the quarter corner and S.  $00^{\circ}-03'E$ . 2484.6 ft. from the section corner.

1292.0 Intersect line 4-1, Claud lode, this survey, S.  $59^{\circ}-45'W$ . 193.9 ft. from Cor. No. 1.

1310.5 To Cor. No. 1 the place of beginning.

SPECK Lode.

Beginning at Cor. No. 1 identical with S.W. Cor. of the location.

Adiabase stone, 5 x 12 x 24 ins., chiseled cross at the exact corner and 1-S-3659, set 12 ins. in the ground, with mound of stone alongside, whence

Feet.

The quartercorner between sections 10 and 15, T. 1 N., R. 15 $\frac{1}{2}$  E., G. & S.R.B. & M., bears S. 23°-51'-20" E., 894.3 ft.

A diabase boulder 1 x 2 x 3 ft. out of the ground, chiseled cross, B.R. 3659 bears S. 27°-47'W. 5.1 ft.

No other bearings available.

Thence N.42°-02'W.

300.0 To S.W.E.C. monument of the location, from which the discovery shaft bears N.47°-58'W. 926.9 ft.

A monument of stone, 3.5 ft. base, 3.5 ft. high.

494.5 Intersect line 2-3, O'Dougherty lode, Sur. 433, S.31°-07'W. 17.7 ft. from Cor. No. 3.

600.0 To Cor. No. 2, identical with N.W. Cor. of the location and Cor. No. 2, Yuma Copper lode, Sur. 842.

On line 3-4, O'Dougherty lode, Sur. 433 N.51°-36'W. 101.8 ft. from Cor. No. 3.

The post marking this corner of the Yuma Copper lode being badly rotted I removed it and set a diabase stone 7 x 9 x 29 ins., 12 ins. in the ground, chiseled a cross at the exact corner and 2-Y on the side facing the Yuma Copper lode and 2-S-3659 on the side facing this claim, and erected a mound of stone alongside.

No bearings available.

Thence N.47°-58'E.

Along line 2-3 of said Yuma Copper lode.

1438.4 To Cor. No. 3, identical with N.E. Cor. of the location and Cors. 3 and 4 respectively of said Yuma Copper lode and Magnet lode of Sur. 2777.

A pine post, 4 ins. sq., with nail at the exact corner, showing 30 ins. out of the ground, surrounded by a mound of stone, scribed Y-No.3, to which I add 3-S-3659 for this claim. Adjacent to this post, and surrounded by the same mound of stone, is a 4 x 4 post, scribed 4-M-2777 for corner No. 4 of said Magnet lode.

Feet. A cross on quartzite in place about which is chiseled  
 B.R.-3659 bears N.49°-46'W. 17.9 ft.  
 I do not find the bearing rock reported for this corner  
 in the returns of Sur. 2777.  
 No other bearings available.

Thence S.42°-02'E.  
 300.0 To N.E.E.C. monument of the location.  
 A monument of stone, 4 ft. base, 3.5 ft. high.

477.7 Intersect line 4-1, Uno lode, this survey, N.63°-02'E.  
 366.6 ft. from Cor. No.4.

600.0 To Cor. No. 4, identical with S.E. Cor. of the location.  
 A quartzite stone, 4 x 8 x 24 ins., chiseled cross at the  
 exact corner and 4-S-3659, with mound of stone alongside.  
 No bearings available.

Thence S.47°-58'W.  
 428.6 Intersect line 3-4, Uno lode, this survey, S.23°-07'E.  
 230.0 ft. from Cor. No.4.

1438.4 To Cor. No. 1, the place of beginning.  
 UNO Lode.  
 Beginning at Cor. No.1, identical with N.E. Cor. of the  
 location, and Cor. No. 4 Dick lode, this survey.

On line 1-2, Fiero lode, this survey.  
 A quartzite stone, 5 x 6 x 24 ins., chiseled cross at  
 the exact corner and 1-U-3659, set 12 ins. in the ground,  
 with mound of stone alongside, whence

The quarter corner between sections 10 and 11, T. 1 N.,  
 R. 15½ E., G. & S.R.B. & M., bears N.75°-19'-10"E. 1021.8 ft.  
 No other bearings available.

Thence S.23°-07'E.  
 Along line 4-3 of said Dick lode.

300.0 To N.E.E.C. monument of the location, identical with  
 S.W.E.C. of said Dick lode, from which the discovery shaft  
 bears S. 63°-02'W. 987.2 ft.



Feet. A monument of stone, 3.5 ft. base and 3.5 ft. high.  
 592.0 Intersect line 4-1, Claud lode, this survey, N. 59°-45'E.  
 139.26 ft. from Cor. No. 4.

600.0 To Cor. No. 2, identical with S.E. Cor. of the location and  
 Cor. No. 3 of said Dick lode.

A diabase stone, 6 x 6 x 25 ins., chiseled cross at the  
 exact corner and 2-U-3659 for this claim, set 12 ins. in  
 the ground, with mound of stone alongside.

No bearings available.

Thence S. 63°-02'W.

138.5 To Cor. No. 4, Claud lode, this survey.

1499.2 To Cor. No. 3, identical with S.W. Cor. of the location.

A quartzite stone, 6 x 7 x 24 ins., chiseled cross at the  
 exact corner and 3-U-3659, set 12 ins. in the ground,  
 with mound of stone alongside, whence

A cedar tree, 7 ins. in diameter, blazed and scribed cross  
 B.T.-3659 bears N. 87°-57'W. 27.15 ft.

No other bearings available.

Thence N. 23°-07'W.

300.0 To S.W.E.C. monument of the location.

A monument of stone, 3.0 ft. base, 3.5 ft. high.

370.0 Intersect line 4-1, Speck lode, this survey, S. 47°-58'W.

428.6 ft. from Cor. No. 4.

600.0 To Cor. No. 4, identical with N.W. Cor. of the location.

A quartzite stone, 10 x 10 x 24 ins., chiseled cross at the  
 exact corner and 4-U-3659, set 12 ins. in the ground, with

mound of stone alongside, whence  
 Cor. No. 4, Speck lode, this survey, bears N. 79°-33'E. 415.5 ft.  
 No other bearings available.

Thence N. 63°-02'E.

366.6 Intersect line 3-4, Speck lode, this survey, N. 42°-02'W.

122.3 ft. from Cor. No. 4.

730.1 To Cor. No. 2, Fiero lode, this survey.

Along line 2-1 of said Fiero lode.

Feet.  
1499.2 To Cor. No. 1, the place of beginning.  
PICK Lode.  
Beginning at Cor. No. 1, identical with S.W. Cor. of the location and Cor. No. 1, Manganese lode, this survey.  
A quartzite stone, previously described, to which I add 1-P for this claim.  
The quarter corner between sections 10 and 11, T. 1 N., R. 15½ E., G. & S.R.B. & M., bears N.41°-18'W. 337.7 ft.  
Thence N.28°-37'W.  
Along line 1-5 of said Manganese lode.  
18.5 Intersect line 4-1, Claud lode, this survey, S.59°-45'W. 193.9 ft. from Cor. No. 1.  
465.6 Intersect the section line between sections 10 and 11, T. 1 N., R. 15½ E., G. & S.R.B. & M., N.00°-03'W. 155.0 ft. from the quarter corner and S.00°-03'E. 2484.6 ft. from the section corner.  
1310.5 To Cor. No. 2, identical with N.W. Cor. of the location and Cor. No. 5 of said Manganese lode,  
A quartzite stone, previously described, to which I add 2-P for this claim.  
Thence N.54°-19'E.  
201.6 To N.W.E.C. monument of the location, from which the discovery cut bears S.28°-37'E. 968.0 ft.  
A monument of stone, 3 ft. base, 3 ft. high.  
482.75 Intersect line 4-1, Paul Jones lode, Sur. 2626 N.28°-52'W. 427.0 ft. from Cor. No. 4.  
484.6 To Cor. No. 3, identical with N.E. Cor. of the location.  
A quartzite stone, 3 x 12 x 25 ins., chiseled cross at the exact corner and 3-P3659, with mound of stone alongside, whence,  
A quartzite boulder showing 7 x 12 x 26 ins. out of the ground chiseled cross B.R.-3659 bears N.71°-57'E. 38.1 ft.  
No other bearings available  
Thence S.28°-37'E.  
21.2 Intersect the section line between sections 10 and 11, T. 1 N., R. 15½ E., G. & S.R.B. & M., N.00°-03'W. 1160.8 ft. from the quarter corner and S.00°-03'E. 1478.8 ft.

from the section corner.

- 427.2 To Cor. No. 4 Paul Jones lode, Sur, 2626.
- 1009.3 Intersect line 1-2 Pass Me By lode, Sur, 2739, N56°-25'E.  
31.85 ft. from Cor. No. 1.
- 1310.5 To Cor. No. 4, identical with S.E. Cor. of the location,  
A quartzite stone, 5 x 6 x 24 ins., chiseled cross at the  
exact corner and 4-P-3659, set 12 ins. in the ground,  
with mound of stone alongside, whence  
Cor. No. 1 Pass Me By lode Sur. 2739 bears N.34°-41'W. 300.1 ft.  
No other bearings available.  
Thence S.54°-19'W.
- 5.75 Intersect line 6-1 Pass Me By lode, Sur. 2739, S.33°-35'E.  
300.3 ft. from Cor. No. 1.
- 283.0 To S.E.E.C. monument of the location.  
A monument of stone, 3 ft. base, 3 ft. high.
- 289.3 To Cor. No. 1, Claud lode, this survey.
- 484.6 To Cor. No. 1, the place of beginning.  
DICK lode.  
Beginning at Cor. No. 1, identical with N.E. Cor. of the  
location and Cor. No. 3, Manganese lode, this survey.  
On line 1-2, Fiero lode, this survey, S.63°-02'W. 32.2  
ft. from Cor. No. 1.  
A quartzite stone, previously described, to which I add  
1-D, for this claim.  
The quarter corner between sections 10 and 11, T. 1 N.,  
R. 15½ E., G. & S.R.B. & M., bears S.81°-01'E. 370.35 ft.  
Thence S.23°-07'E.  
Along line 3-2 of said Manganese lode,
- 300.0 To N.E.E.C. monument of the location, from which the  
discovery shaft bears S.63°-02'W. 8.0 ft.
- 551.6 Intersect line 4-1, Claud lode, this survey, N.59°-45'E.  
841.8 ft. from Cor. No. 4.
- 600.0 To Cor. No. 2, identical with S.E. Cor. of the location.  
On line 2-3 Manganese lode, this survey, N.23°-07'W.  
11.1 ft. from Cor. No. 2.

Feet. A quartzite stone, 6 x 6 x .24 ins., chiseled cross at the exact corner and 2-D-3659, set 12 ins. in the ground, with mound of stone alongside.

No bearings available.

Thence S.63°-02'W.

698.6 To Cor. No. 3, identical with S.W. Cor. of the location and Cor. No. 2, Uno lode, this survey.

A quartzite stone, previously described, to which I add 3-D for this claim.

Thence N.23°-07'W.

Along line 2-1 of said Uno lode.

8.0 Intersect line 4-1, Claud lode, this survey N.59°-45'E. 139.26 ft. from Cor. No. 4.

300.0 To S.W.E.C. monument of the location, identical with N.E. E.C. of said Uno lode.

A monument of stone previously described.

600.0 To Cor. No. 4, identical with N.W. Cor. of the location and Cor. No. 1. of said Uno lode.

On line 1-2, Fiero lode, this survey.

A quartzite stone, previously described, to which I add 4-D for this claim.

Thence N.63°-02'E.

Along line 2-1 of said Fiero lode.

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

Mean magnetic variation at all corners 14° E.

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LODE LINES.

As near as can be determined from present developments, the veins of the several locations embraced in this survey extend as follows from their respective discovery points;

Claud, N.59°-38'E. 118.0 ft. and S.59°-38'W. 1338.3 ft.

Fiero, N.63°-02'E. 324.6 ft. and S.63°-02'W. 1175.3 ft.

Manganese, N.28°-37'W. 430.5 ft and S.28°-37'E.880.0 ft.

Speck, N.47°-58'E. 511.5 ft. and S. 47°-58'W. 926.9 ft.

Uno, N.63°-02'E. 987.2 ft. and S.63°-02'E. 512.0 ft.

Pick, N.28°-37'W. 968.0 ft. and S.28°-37'E. 342.5 ft.  
 Dick, N.63°-02'E. 8.0 ft. and S.63°-02'W. 690.6 ft.

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AREAS.

Total Area Claud lode, 17.697 Acres.

Total Area Fiero lode, 20.597 Acres.

Total Area Manganese lode, 11.226 Acres.

Area in conflict with;

Fiero lode this survey, 0.221

Claud lode, this survey, 0.376

Total Area Speck lode, 19.813 Acres.

Area in conflict with O'Dougherty lode,

Sur. 433. 0.020

Total Area Uno lode, 20.604 Acres.

Area in conflict with;

Speck lode, this survey, 1.567

Claud lode, this survey, 0.013

Total Area Pick lode, 14.468 Acres.

Area in conflict with;

Paul Jones lode, Sur. 2626, 0.009

Claud lode, this survey, 0.041

Pass Me By lode, Sur. 2739 0.129

Total Area Dick lode, 9.601 Acres.

Area in conflict with Claud lode, this

survey, 0.451

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LOCATION.

This survey is located in sections 10 and 11, T. 1 N.,  
 R. 15½ E., G. & S.R.B. & M., Globe Mining District, Gila  
 County, Arizona.

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ADJOINING AND CONFLICTING CLAIMS.

Yuma Copper lode, Sur. 842, owned by the Old Dominion  
 Company; unknown claims, unsurveyed, owners unknown; and  
 the California lode, unsurveyed, owned by Lyman C. Woods,  
 on the north. The Paul Jones lode, Sur. 2626, owned by

Helen H. McKillop; Pass Me By lode, Sur. 2739, owned by the Crisman & Globe Mg. Co., and unknown claim unsurveyed, owner unknown, on the east. Unknown claims, unsurveyed, owners unknown; and Hope No. 3 lode, unsurveyed, owned by Frank P. Knight, on the south. The Hope No 2 lode, unsurveyed, owned by Frank P. Knight and the O'Dougherty lode, Sur. 433, owned by the Old Dominion Company on the west.

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DISCOVERY AND IMPROVEMENTS.

I certify that the value of the labor and improvements made upon each of the locations embraced in this survey by the claimant or its grantors, is not less than five hundred dollars, and that said improvements consist of;

CLAUD.

No. 1, the discovery shaft, 5 x 6 x 6 ft. (caved) the S.E. corner of which is on the lode line 118.0 ft. from the N.E.E.C. Value, \$40.00.

No. 2, 142 ft. of cut and tunnel, 4.5 x 6 ft., the center of the toe of which bears S. 26°-33'W. 109.9 ft. from a point on the lode line 96.5 ft. from the N.E.E.C., and which extends thence N.38°-24'W to face. Value, \$2000.00.

FIERO.

No. 1, the discovery, 120 ft. of surface stope of irregular shape, averaging 6 x 10 ft. which is intersected by the lode line 324. 6 ft. from the N.E.E.C., and which extends thence N.71°W. 55.0 ft. to face and N.84°E. 47.0 ft. to face and S.11°E. 18.0 ft. to toe of cut. Value \$2500.00.

No. 2, 122 ft. of surface stope, of irregular shape, averaging 8 x 12 ft., the center of the toe of which bears S.85°-53'W. 166.1 ft. from a point on the lode line 303.1 ft. from the N.E.E.C., and which extends thence N.08°W. 34.0 ft. to pt. 1; thence S.81°W. 34.0 ft. to face; and N. 89°E. 54.0 ft. to face, Value \$3500.00.

No. 3, shaft, 6 x 6 x 25 ft., the S.E. corner of which bears N.86°-23'W. 220.0 ft. from the above described point. Value \$400.00.

No. 4, cut 6 x 10 x 36 ft., the center of the toe of which bears N.88°-12'W. 375.7 ft. from the above described point, and which extends thence N.26°W. to face. Value \$250.00.

#### MANGANESE.

No. 1, the discovery, cut, 4 x 12 x 27 ft., the center of the face of which is on the lode line 430.5 ft. from the N.W.E.C., and which extends thence S.33°E. to toe. Value \$150.00.

No. 2, shaft, 7 x 7 x 21 ft., the S.E. Cor. of which bears S. 69°-40'W. 94.5 ft. from a point on the lode line 418.7 ft. from the N.W.E.C. Value \$400.00.

No. 3, shaft, 5 x 7 x 22 ft., the N.E. Cor. of which bears S. 10°-01'W. 197.0 ft. from the above described point. Value \$350.00.

No. 4, 97.0 ft. of cut and tunnel, 5 x 8.5 ft., the center of the toe of which bears S. 69°-00'E. 299.7 ft. from the above described point, and which extends thence N. 79°-20'E. 30.0 ft.; thence East 67.0 ft. to face. Value \$1800.00.

This improvement being partially situate on the Manganese lode and partially on the Pick lode, the value thereof is distributed equally between these claims, \$900.00 being credited to each.

#### SPECK.

No. 1, the discovery, shaft, 6' x 10 x 5 ft. (caved) the center of the northwest side of which is on the lode line 511.5 ft. from the N.E.E.C., Value \$75.00.

No. 2, 48.5 ft. of cut and tunnel, 4 x 6 ft., the center of the toe of which bears N. 51°-56'E. 168.0 ft. from a point on line 2-3, 398.4 ft. from Cor. 2, and which extends thence S.14°-45'E to face. Value \$500.00.

UNO.

No. 1, the discovery, shaft, 6.5 x 8 x 8.5 ft., the center of which is on the lode line 512.0 ft., from the S.W.E.C. Value \$75.00.

No., 2, 29 ft. of cut and tunnel, 4 x 6 ft., the center of the portal of which bears N.72°-08'E. 139.8 ft. from a point on the lode line 463.3 ft. from the S.W.E.C., and which extends thence S. 12°E to face. Value \$175.00.

No. 3, 38 ft. of cut and tunnel, 4 x 6 ft., the center of the portal of which bears S.47°-20'E. 34.5 ft. from the S.W.E.C., and which extends thence S.56°-15'E. 25.0 ft. to toe of cut and N.56°-15'W. 13.0 ft. to face. Value \$350.00.

PICK.

No. 1, the discovery, 39.0 ft. of cut and tunnel, 4 x 6 ft., the center of the toe of which is on the lode line 342.5 ft. from the S.E.E.C., and which extends thence S. 25°-36'E to face. Value \$300.00.

One half of the value of improvement No. 4 on the Manganese claim, which is credited to this claim. Value, \$900.00.

DICK.

No. 1, the discovery, shaft, 4 x 6.5 x 7 ft., (Caved) the center of the southeast side of which is on the lode line 8.0 ft. from the N.E.E. C. Value \$40.00.

No. 2, 50 ft. of cut and tunnel, 4 x 6.5 ft., the center of the toe of which bears N. 49°-02'E. 474.0 ft. from Cor. No. 3, and which extends thence N.49°E. to face. Value \$500.00.

OTHER IMPROVEMENTS.

Speck.

A shaft, 7 x 7 x 10 ft., the S.W. Cor. of which bears S.52°-07'E. 90.7 ft. from a point on line 2-3, 120.3 ft. from Cor. No. 3.

A cut, 3.5 x 6 x 14 ft., the center of the face of



which bears S. 65°-20'E. 110.3 ft., from the above described point, and which extends thence S.18°E to toe.

A shaft, 4 x 6 x 9 ft., the S.W. Cor of which bears S.75°-25'E 131.2 ft., from the above described point.

A shaft, 4 x 6 x 44 ft., the S.W. Cor, of which bears S.85°-23'E 138.3 ft. from the above described point.

A shaft, 5 x 6 x 5 ft., the N.E. Cor. of which bears S.24°-27'E. 110.0 ft. from a point on line 2-3, 271.0 ft. from Cor. No. 2.

A shaft, 4 x 6 x 5 ft., the N.E. Cor. of which bears S. 15°-46'W. 212.0 ft. from the above described point.

A shaft, 8 x 8 x 4 ft., the N.E. Cor. of which bears S.20°-40'W. 272.0 ft. from the above described point.

Dick.

A shaft, 8 x 11 x 3 ft., the center of which is on the lode line 94.0 ft. from the N.E.E.C.

None of the foregoing described improvements are credited to either the Speck or Dick claims on account of not having been made by the claimant or its grantors.

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#### INSTRUMENT AND DETERMINATION OF MERIDIAN.

This survey was made with a 6 $\frac{1}{4}$  inch Berger transit. The courses were deflected from the true meridian as determined by direct solar observation. The distances were measured with a 660 foot steel tape.

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#### REPORT.

The quarter corner between sections 10 and 11, T. 1 N., R. 15 $\frac{1}{2}$  E., to which tie is given, is a quartzite stone, showing 6 x 9 x 10 ins. out of the ground, with mound of stone alongside, chiseled 1/4 on the west face. The corner common to the northwest and northeast corners of said sections 10 and 11 is a quartzite stone showing

4 x 6 x 9 ins. out of the ground, with mound of stone alongside, chiseled 1 N. and 1 groove on the north face, five grooves on the south face and  $15\frac{1}{2}$  E and two grooves on the east face. The corner common to the southeast and southwest corners of said sections 10 and 11 is a diorite stone showing 7 x 8 x 12 ins. out of the ground, chiseled two grooves and  $15\frac{1}{2}$  E. on the east face, four grooves on the south face and 1 N. on the north face. The <sup>south</sup> quarter corner of section 10, to which tie is given, is a diabase stone, showing 5 x 12 x 12 ins. out of the ground, with mound of stone alongside, chiseled  $1\frac{1}{4}$  on the north face. The ties to the quarter corner between said sections 10 and 11 from Cors. Nos. 1 of the claims in the survey were computed through a traverse run from Cor. No. 1 of the Dick lode S.83°-58'E. 152.8 ft.; thence S.78°-57'E. 217.9 ft. to said corner. The line between said sections 10 and 11 was run direct upon the ground from the quarter corner N.00°-03'W. 2639.6 ft., to section corner, and S.00°-01'E. 2634.6 ft. to section corner. The tie from Cor. No. 1 of the Speck lode to the south quarter corner of said section 10 was computed through a traverse run S.21°-42'E. 785.1 ft.; thence S.38°-55'E. 113.7 ft.

Yuma Copper Lode, Sur. 842.

The disagreement between these notes and line 2-3 of said Yuma Copper lode as approved is due to error in Sur. 842. Corner No. 2 of said Yuma Copper lode was a 4 x 4 post, which I removed as reported herein, and Cor. No. 3 is a 4 x 4 post properly set and scribed.

O'Dougherty Lode, Sur. 433.

The disagreement between these notes and the bearings of lines 3-4-5 of said O'Dougherty lode is due to error in Sur. 433. Cors. 3, 4 and 5 are 4 x 4 posts properly set and scribed.

Paul Jones Lode, Sur. 2626.

The disagreement between these notes and the bearings of line 4-1 of said Paul Jones lode is due to error in Sur. 2626. Cors. 1 and 4 are 4 x 6 pine posts, properly set and scribed.

Magnet lode, Sur. 2777.

Cor. No. 4 of said Magnet lode is a 4 x 4 post as described herein.

Pass Me By lode, Sur. 2739.

Cors. 1 and 6 are 4 x 4 posts properly set and scribed. I established the point for Cor. No. 2 from the witness corner set for it. I find the bearing of lines 1-2 and 6-1 correct as approved.

The disagreement between these notes and the location notices is due to errors in the notices.

*Edwin P. Stewart*

United States Mineral Surveyor.

Globe, Arizona, July 5, 1920.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Edwin T. Stewart  
 United States Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and  
 boundaries described in the foregoing field notes of the survey of the mining claim of \_\_\_\_\_  
Globe Manganese and Copper Company  
 known as the Claud, Fiero, Manganese, Speck, Uno, Pick, and Dick lodes  
 and showing the respective capacities in which they acted.

Rudolph Wolf \_\_\_\_\_, *Chainman.*  
 \_\_\_\_\_, *Chainman.*  
 \_\_\_\_\_, *Axman.*  
 \_\_\_\_\_, *Flagman.*

## FINAL OATHS OF ASSISTANTS.

~~was~~ \_\_\_\_\_  
~~and~~ I, Rudolph Wolf \_\_\_\_\_, do solemnly swear that ~~was~~ <sup>I</sup> assisted  
Edwin T. Stewart \_\_\_\_\_, United States Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of Globe Manganese and Copper Company  
 known as the Claud, Fiero, Manganese, Speck, Uno, Pick, and Dick lodes  
 represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his  
 direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully  
 and correctly executed, and the corner and boundary monuments established according to law and the instruc-  
 tions furnished by the United States Surveyor-General for Arizona.

Rudolph Wolf \_\_\_\_\_, *Chainman.*  
 \_\_\_\_\_, *Chainman.*  
 \_\_\_\_\_, *Axman.*  
 \_\_\_\_\_, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 3rd  
 day of July, 19 20.

*My Commission  
 expires Feb. 12, 1923*

D. B. Filand  
 Notary Public, Gila  
 County, Arizona.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Edwin T. Stewart, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated June 1, 1920, 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 Globe Manganese and Copper Company, known as the Claud, Fiero, Manganese, Speck, Uno, Pick and Dick lodes, situate in Globe Mining District, Gila County, Arizona, in Section 8 10 and 11, Township No. 1 N., Range No. 15 1/2 E., and designated as Survey No. 3659, 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.

Edwin T. Stewart
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Edwin T. Stewart
U. S. Mineral Surveyor, before me L.B.Feland, A Notary Public
this 3rd
day of July, 19 20.

My commission expires Feb. 12, 1923.

L.B.Feland
Notary Public, Gila County, Arizona.

4-688

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

## Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

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I, U. S. Surveyor-General for District of Arizona

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of

Globe Manganese and Copper Company

known as the CLAUD, FIERO, MANGANESE, SPECK, UNO, PICK and DICK Lodes

situate in Globe

Mining District, Gila County, Arizona

in Section s 10 &amp; 11, Township No. 1 N., Range No. 15 1/2 E., and

designated as Survey No. 3659, 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 said mining claims by claimant or its grantors, and that said improvements consist of 7 shafts, 9 cuts, 7 tunnels and 2 stopes, total value \$13,405.

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix,

Arizona, is correct and in conformity with the foregoing Field Notes.

Frank P. Trott

United States Surveyor-General for Arizona.

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

DEPARTMENT OF THE INTERIOR  
OFFICE OF U. S. SURVEYOR GENERAL

Phoenix, Arizona.

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I, U. S. Surveyor General for District of Arizona

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

Globe Manganese and Copper Company

, known as the

CLAUD, FIERO, MANGANESE, SPECK, UNO, PICK and DICK Lodes

situate in Globe mining district,

Gila County, Arizona

in Sections 10 and 11, Township No. 1 N., Range No. 15 1/2 E.

, designated as Survey No. 3659

executed by Edwin T. Stewart, U. S. Mineral

Surveyor, June 5 - 26, 1920, under my instructions dated

June 1, 1920, 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. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and made

a part of the transcript of the field notes.

U. S. Surveyor General for Arizona.