

MINERAL SURVEY No. 3731

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

United Arizona Copper Mining & Smelting Company, known as the
United # 1, United # 2, United # 3, United # 4, United # 5, United # 6
United # 7, United # 8, United # 9, United # 10, United # 11, United # 12,
United # 13, Copper Queen # 7, Copper Queen # 8, Copper Queen # 9, Copper
Queen # 10, Copper Queen # 11, United Arizona Copper # 1, United Arizona
Copper # 2, United Arizona Copper # 3, United Arizona Copper # 4 lodes
Copper Creek Mining District, (22)

Yavapai County, Arizona
Section 15, 16 & 21, Township 10 N, Range 4 E UNSUR,

Surveyed under instructions dated Dec 14, 1920

by Carl H. Barber
U. S. Mineral Surveyor.

^{See location notices}
Claim located Aug ~~Sept~~ ~~Oct~~, 1916

Survey commenced Dec. 15th, 1920

Survey completed Dec. 29, 1920

Address of claimant ^{Box 112} Phoenix Ariz #4 Central Bldg.

DATES OF AMENDED LOCATIONS.

MINERAL SURVEY NO. 3731

Claims	M&B Desc.	Improvements	Loc. Notices
Copper Queen #7	Pg. 13	Pg. 27	Red Pg. 18
" " #8	14	27	19
" " #9	15	28	20
" " #10	16	28	21
" " #11	17	28	22
United #1	1	24	5
" 2	2	24	6
" 3	3	25	7
" 4	4	25	8
" 5	5	25	9
" 6	6	25	10
" 7	7	26	11
" 8	8	26	12
" 9	8	26	13
" 10	9	26	14
" 11	10	27	15
" 12	11	27	16
" 13	12	27	17
United Arizona Copper #1	Pg. 18	22	1
" " " #2	19	23	2
" " " #3	20	24	3
" " " #4	21	24	4

Feet

MINERAL SURVEY NO. 3731.

UNITED #1 Lode.

Beginning at corner No. 1, a granite rock in place 8' x 10' x 6' above ground, chiseled X U 1-1-3731, identical with location corner and corner No. 4 United #2 lode this survey. Whence

U.S.L.M. No. 2359 bears S. 29° 04' 40" W. 6987.52 ft.

Thence S. 70° 55' E.

300. To S. C. E., a granite stone 6" x 8" x 20" set 12" in ground, a monument alongside, identical with N.C.E. United #2, chiseled S.C.E.U 1-3731, N.C.E.U 2-3731, a X at corner.
600. To corner No. 2, a pine post 4" x 4" x 4' long, set 15 feet in ground, a monument of stone around, nail in top. Identical with corner No. 1 United #7, corner No. 3 United #2, and corner No. 4 United #3 lodes, this survey, scribed U 1-2-3731 for this claim.

Thence N. 19° 05' E.

1100. Cross Copper Creek, flows S. 81° W.
1150. Cross wagon road to Bloody Basin, brs. S. 85° 15' W.
1500. To corner No. 3, a granite stone 5" x 9" x 18" set 10" in ground, a mound of stone alongside, chiseled U 3-3731 a X on top, identical with Cor. No. 4 United #7 lode, this survey.

Thence N. 70° 55' W.

300. To N. C. E., a granite stone 4" x 8" x 18" set 10" in ground, a monument of stone alongside, chiseled U 1-N.C.E.-3731.
600. To corner No. 4, a granite stone 6" x 10" x 24" set 12" in ground, on line 2-3 United # 13 lode, this survey, chiseled U-1-4-3731, a X on top.

Thence S. 19° 05' W.

658. Cross wagon road to Bloody Basin, bears S. 81° 05' W.
708. Cross Copper Creek, flows S. 81° 30' W.

- Feet
838. To corner No. 2 United #13 lode, this survey.
1500. To place of beginning.

UNITED #2 lode.

Beginning at corner No. 1, an oregon pine post 4" x 4" x 4' long, set 15" in ground, a mound of stone around. Identical with location corner and corner No. 4 United #5 lode, this survey, scribed U 2-1-3731, with nail in top, whence

U.S.L.M. No. 2359 bears S. 31° 46' 37" W. 5516.37 ft.

Thence S. 70° 55' E.

300. To S.C.E., a granite stone 6" x 8" x 20" set 12" in ground with mound of stone alongside, identical with N.C.E. United #5 lode, this survey, chiseled U 2-SCE-3731 for this claim, a X on top.
600. To corner No. 2, a redwood post 4" x 4" x 4' long, set 12" in ground, scribed U 2-2-3731, with nail in top, a mound of stone around. Identical with corner No. 1 United #3 lode, corner No. 3 United #5 lode, and corner No. 4 United #6 lodes, this survey.

Thence N. 19° 05' E.

1500. To corner No. 3, a pine post 4" x 4" x 4' long, set 12" in ground, a mound of stone around, scribed U 2-3-3731, with nail in top. Identical with corner No. 1 United #7, corner No. 2 United #1, and corner No. 4 United #3 lodes this survey.

Thence N. 70° 55' W.

300. To N.C.E., identical with S.C.E. United #1 lode, this survey, heretofore described.
600. To corner No. 4, identical with Cor. No. 1 United #1 lode, this survey, heretofore described, chiseled U 2-4-3731 for this claim.

Thence S. 19° 05' W.

Feet
1102.40 To corner No. 3 United Arizona Copper #3 lode, this survey.

1500.00 To place of beginning.

UNITED #3 lode.

Beginning at corner No. 1, identical with corner of location, identical with corner No. 2 United #2 lode, this survey, heretofore described, scribed U 3-1-3731 for this claim, whence

U.S.L.M. 2359 bears S. $37^{\circ} 41' 39''$ W. 5678.44 ft.

Thence S. $70^{\circ} 55'$ E.

300. To S.C.E., a granite stone 6" x 6" x 20" set 10" in ground, identical with N. Cen. End United #6 lode of this survey, heretofore described, chiseled S.C.E.U 3-3731 for this claim.

600. To corner No. 2, a granite stone 6" x 8" x 20" set 12" in ground, chiseled U 3-2-3731, a X on top, a mound of stone alongside. Identical with corner No. 1 United #4, corner No. 3 United #6, corner No. 4 United #8 lodes, this survey.

Thence N. $19^{\circ} 05'$ E.

1500. To corner No. 3, a pine post 4" x 4" x 4' long, set 12" in ground, nail on top scribed U 3-3-3731, a mound of stone alongside, identical with corner No. 4 United #4, corner No. 2 United #7, and corner No. 1 United #12 lodes, this survey.

Thence N. $70^{\circ} 55'$ W.

300. To N.C.E., a pine post 4" x 4" x 4' long, set 1 $\frac{1}{2}$ ' in ground, scribed NCE U 3-3731, a nail in top, mound of stone around. Identical with S.C.E. United #7 lode, this survey.

600. To Cor. No. 4, identical with Cor. No. 3 United #2 lode.

Feet this survey, heretofore described, scribed U 3-4-3731
for this claim.

Thence S. 19° 05' W.

1500. To place of beginning.

UNITED #4 lode.

Beginning at Cor. No. 1, identical with S. W. Cor.
of the location and with Cor. No. 2 United #3 lode,
this survey, heretofore described, chiseled U 4-1-3731
for this claim, whence

U.S.L.M. No. 2359 bears S. 43° 13' 38" W. 5897.40 ft.

Thence S. 70° 55' E.

300. To South center end, a granite stone 6" x 8" x 26" set
12" in ground, chiseled SCE U 4-3731, a X on top, and
mound of stone alongside. Identical with North Center
End United #8 lode, this survey.

600. To Cor. No. 2, a granite stone 6" x 10" x 26" set 12"
in ground, chiseled U 4-2-3731, a X on top and mound of
stone alongside. Identical with Cor. No. 3 United #8
lode, this survey.

Thence N. 19° 05' E.

1500. To Cor. No. 3, identical with Cor. No. 2 United #12 lode
this survey, a granite stone 5" x 7" x 20" set 12" in
ground, chiseled U 4-3-3731, a X on top and mound of stone
alongside.

Thence N. 70° 55' W.

300. To North Center End, identical with South Center End
United #12 lode, this survey, a granite stone 6" x 8"
18" set 12" in ground, chiseled NCE U 4-3731, a X on
top and mound of stone alongside.

600. To Cor. No. 4, identical with Cor. No. 1 United #12,
Cor. No. 2 United #7, and Cor. No. 3 United #3 lodes,
this survey, heretofore described, scribed U 4-4-3731
for this claim.

- feet
1500. Thence S. 19° 05' W.
To place of beginning.
- UNITED #5 Lode.
- Beginning at Cor. No. 1, identical with S.W. Cor. of location, and with Cor. No. 4 United #11 lode, this survey. A redwood post 4" x 4" x 4' long, set 1½' in ground, scribed U 5-1-3731 with nail in top, mound of stone alongside, Whence
- U.S.L.M. No. 2359 bears S. 36° 25' 38" W. 4066.39 ft.
- Thence S. 70° 55' E.
300. To South Center End, identical with North Center End United #11 lode, this survey, a quartz stone 4" x 7" x 20", set 12" in ground, chiseled SCE U 5-3731, a X on top with mound of stone alongside.
600. To Cor. No. 2, identical with Cor. No. 1 United #6, Cor. No. 3 United #11, Cor. No. 4 United #10 lodes, this survey, a redwood post 4" x 4" x 4' long, set 1½' in ground, scribed U 5-2-3731, a nail in top with mound of stone alongside.
- Thence N. 19° 05' E.
1500. To Cor. No. 3, identical with Cor. No. 2 United #2 lode of this survey, heretofore described, scribed U5-3-3731 for this claim.
- Thence N. 70° 55' W.
300. To North Center End, identical with South Center End United #2 lode, this survey, heretofore described, scribed U5-NCE 3731 for this claim.
600. To Cor. No. 4, identical with Cor. No. 1, United #2 lode, this survey, heretofore described, scribed U5-4-3731 for this claim.
- Thence S. 19° 05' W.
550. To Cor. No. 3 Copper Queen #9 lode, this survey.

Feet
619.90 To Cor. No. 2 United Arizona Copper #3 lode, this survey.
1500.00 To place of beginning.

UNITED #6 lode.

Beginning at Cor. No. 1, identical with S.W. Cor. of location and with Cor. No. 2 United #5 lode, of this survey, heretofore described, scribed U 6-1-3731 for this claim, whence

U.S.L.M. No. 2359 bears S. 44° 06' 35" W. 4383.72 ft.

Thence S. 70° 55' E.

300. To South Center End, identical with North Center End United #10 lode, this survey, a granite stone 6" x 6" x 20" set 12" in ground, chiseled U 6-SCB-3731, a X on top, with a mound of stone alongside.

600. To Cor. No. 2, identical with Cor. No. 4 United #9 lode, Cor. No. 3 United #10 lode, and Cor. No. 1 United #8 lode, this survey, a redwood post 4" x 4" x 4' long, set 1½ ft. in ground, scribed U 6-2-3731.

Thence N. 19° 05' E.

1500. To Cor. No. 3, identical with Cor. No. 4 United #8, Cor. No. 1 United #4, Cor. No. 2 United #3 lodes, this survey, heretofore described, chiseled U 6-3-3731, for this claim.

Thence N. 70° 55' W.

300. To North Center End, identical with South Center end United #3 lode, this survey, heretofore described, chiseled U 6-NCE-3731 for this claim.

600. To Cor. No. 4, identical with Cor. No. 2 United #2, Cor. No. 3 United #5, and Cor. No. 1 United #3 lodes, this survey, heretofore described, scribed U 6-4-3731 for this claim.

Thence S. 19° 05' W.

Feet

1500.00 To place of beginning.

UNITED #7 lode.

Beginning at Corner No. 1, identical with S. W. Cor. of location and Cor. No. 2 of United #1 lode, this survey, heretofore described, scribed U 7-1-3731 for this claim, whence

U.S.L.M. No. 2359 bears S. $33^{\circ} 50' 13''$ W. 7116.10 ft.

Thence S. $70^{\circ} 55'$ E.

300. To South Center End, identical with North Center End United #3 lode, this survey, heretofore described, scribed SCE U 7-3731 for this claim.

600. To Cor. No. 2, identical with Cor. No. 3 United #3 lode, this survey, scribed U 7-2-3731 for this claim.

Thence N. $19^{\circ} 05'$ E.

1275. Cross Copper Creek, flows N. $77^{\circ} 45'$ W.

1415. Cross road to Bloody Basin, bears S. 85° W.

1500. To Cor. No. 3, identical with Cor. No. 4 United #12 lode, this survey, a malpais stone 6" x 10" x 22" set 11" in ground, chiseled U 7-3-3731, a X on top, mound of stone alongside.

Thence N. $70^{\circ} 55'$ W.

300. To North Center End, a granite stone 6" x 8" x 26", set 12" in ground, chiseled NCE U 7-3731, a X on top, with mound of stone alongside.

600. To Cor. No. 4, identical with Cor. No. 3 United #1 lode, this survey, heretofore described, chiseled U 7-4-3731.

Thence S. $19^{\circ} 05'$ W.

350. Cross Road to Bloody Basin, bears S. $85^{\circ} 15'$ W.

400. Cross Copper Creek, flows S. $81^{\circ} 30'$ W.

1500. To place of beginning.

Feet.

UNITED #8 Lode.

Beginning at Corner No. 1, identical with S. W. Cor. of location, Cor. No. 2 United #6 lode, of this survey, heretofore described, scribed U 8-1-3731 for this claim.

Whence U.S.L.M. No. 2359 bears S. $50^{\circ} 56' 33''$ W. 4570. ft.

Thence S. $70^{\circ} 55'$ E.

300. To South Center End, identical with North Center End United #9 lode, this survey, a quartz stone $6'' \times 9'' \times 20''$ set 12" in ground, chiseled SCE U 8-3731, a X on top, with a mound of stone alongside.

600. To Cor. No. 2, identical with Cor. No. 3 United #9 lode this survey, a granite stone $5'' \times 7'' \times 20''$ set 12" in ground, chiseled U8-2-3731, a X on top, with mound of stone alongside, whence a X WC on rock in place $2' \times 2' \times 2'$ above ground, chiseled U 8-2-3731, hrs. N. $70^{\circ} 55'$ W. 37.5 ft.

Thence N. $19^{\circ} 05'$ E.

1500. To Cor. No. 3, identical with Cor. No. 2 United #4 lode, this survey, heretofore described, chiseled U 8-3-3731 for this claim.

Thence N. $70^{\circ} 55'$ W.

300. To North Center End, identical with South Center End United #4 lode, this survey, heretofore described, chiseled NCE U8-3731 for this claim.

600. To Cor. No. 4, identical with Cor. No. 1, United #4 lode, this survey, heretofore described, chiseled U8-4-3731 for this claim.

Thence S. $19^{\circ} 05'$ W.

1500. To place of beginning.

UNITED #9 lode.

Beginning at Cor. No. 1, identical with S.W. Cor. of location and with Cor. No. 2 United #10 lode, this survey, a nail driven in crevice of rock in place, malpais,

- Feet chiseled U9 1-3731 with mound of stone alongside, whence
U.S.L.M. No. 2359 bears S. $64^{\circ} 27'$ W. 3389.75 ft.
A malpais stone in place $2' \times 3'$, $1\frac{1}{2}$ ft. above ground,
with X on top, chiseled B.R.U 9-1, U 10-2-3731, bears N.
 $68^{\circ} 35'$ E. 8 ft.
- Thence S. $70^{\circ} 55'$ E.
300. To South Center End, a malpais stone $5" \times 9" \times 20"$, set
12" in ground, chiseled U9-SCE 3731, a X on top, with
mound of stone alongside.
600. To Cor. No. 2, a malpais stone $6" \times 10" \times 20"$, set 10"
in ground, chiseled U9-2-3731, a X on top, with mound
of stone alongside.
- Thence N. $19^{\circ} 05'$ E.
1500. To Cor. No. 3, identical with Cor. No. 2 United #8 lode,
this survey, heretofore described, chiseled U9-3-3731 for
for this claim.
- Thence N. $70^{\circ} 55'$ W.
300. To North Center End, identical with South Center End
United #8 lode, this survey, heretofore described,
chiseled U 9 NCE 3731 for this claim.
600. To Cor. No. 4, identical with Cor. No. 2 United #6 lode,
this survey, heretofore described, scribed U9-4-3731
for this claim.
- Thence S' $19^{\circ} 05'$ E.
1500. To place of beginning.
- UNITED #10 lode.
- Beginning at Corner No. 1, identical with S. W. Cor.
of location and Cor. No. 2 United #11 lode, this survey,
and Cor. No. 3 Key lode, Survey No. 2359, a malpais rock
in place $2' \times 3' \times 2'$ above ground, chiseled U 10-1-3731
for this claim, a X on top, with mound of stone along-
side, whence
U.S.L.M. No. 2359 bears S. $56^{\circ} 21' 10"$ W. 2992.62 ft.

- Thence S. 70° 55' E.
- Feet
300. To South Center End, a malpais stone 5" x 7" x 20", set 10" in ground, chiseled SCE U 10-3731, a X on top, and mound of stone alongside.
600. To Cor. No. 2, identical with Cor. No. 1 United #9 lode, this survey, heretofore described, chiseled U 10-2-3731 for this claim.

- Thence N. 19° 05' E.
1500. To Cor. No. 3, identical with Cor. No. 2 United #6 lode, this survey, heretofore described, scribed U 10-3-3731 for this claim.

- Thence N. 70° 55' W.
300. To North Center End, identical with South Center End United #6 lode, this survey, heretofore described, chiseled U 10-NCE-3731 for this claim.
600. To Cor. No. 4, identical with Cor. No. 1 United #6 lode, this survey, scribed U 10-4-3731 for this claim.

- Thence S. 19° 05' W.
1500. To place of beginning.

UNITED #11 lode.

Beginning at Cor. No. 1, identical with S. W. Cor. of location and with Cor. No. 2 Key lode, Survey No. 2359, a granite stone 5" x 8" 8" above ground, chiseled U 11-1-3731 for this claim. Whence

U.S.L.M. No. 2359 bears S. 46° 03' 40" W. 2672 ft.
Cor. No. 4 Humming Bird lode, Sur. No. 2359, brs. S. 19° 05' W. 550 ft.

- Thence S. 70° 55' E.
300. To South Center End, identical with N.C.E. Key lode, Survey No. 2359, a malpais stone 6" x 8", 8" above ground, chiseled U 11-SCE-3731, X on top.
600. To Cor. No. 2, identical with Cor. No. 1 United #10 lode this survey, heretofore described, chiseled U 11-2-3731 for this claim.

	Thence N. 19° 05' E.
1500.	To Cor. No. 3, identical with Cor. No. 2 United #5 lode, this survey, heretofore described, scribed U 11-3-3731 for this claim.
	Thence N. 70° 55' W.
300.	To North Center End, identical with South Center End United #5 lode, this survey, heretofore described, chiseled U 11-NCE-3731 for this claim.
600.	To Cor. No. 4, identical with Cor. No. 1 United #5 lode this survey, heretofore described, scribed U 11-4-3731 for this claim.
	Thence S. 19° 05' W.
550.	To Cor. No. 2 Copper Queen #9 lode, this survey, and Cor. No. 3 Humming Bird lode, Survey No. 2359.
1500.	To place of beginning.
	UNITED # 12 lode.
	Beginning at Corner No. 1, identical with S. W. Cor. of location and Cor. No. 3 United #3 lode, this survey, heretofore described, scribed U 12-1-3731 for this claim, whence
	U.S.L.M. No. 2359 bears S. 38° 24' 02" W. 7292.02 ft.
	Thence S. 70° 55' E.
300.	To South Center End, identical with N.C.E. United #4 lode, this survey, heretofore described, chiseled U 12-SCE-3731 for this claim.
600.	To Cor. No. 2, identical with Cor. No. 3 United #4 lode, this survey, heretofore described, chiseled U 12-2-3731 for this claim.
	Thence N. 19° 05' E.
1350.	Cross Copper Creek, flows N. 77° 40' W.
1500.	To Cor. No. 3, a malpais stone 6" x 8" x 20", set 11" in ground, chiseled U 12-3-3731, a X on top and mound of stone alongside.

	Thence N. 70° 55' W.
300.	To North Center End, a malpais stone 8" x 8" x 22" set 14 " in ground, chiseled U 12-NCE-3731, X on top.
330.	Cross road to Bloody Basin,
600.	To Cor. No. 4, identical with Cor. No. 3 United #7 lode, this survey, heretofore described, chiseled U 12-4-3731 for this claim.
	Thence S. 19° 05' W.
85.00	Cross road to Bloody Basin, bears S. 85° W.
225.	Cross Copper Creek, flows N. 77° 45' W.
1500.	To place of beginning.
	UNITED # 13 lode.
	Beginning at Cor. No. 1, identical with S. W. Cor. of location, a malpais stone 6" x 6" x 20", set 12" in ground, chiseled U 13-1-3731, a X on top, with mound of stone alongside, whence
	U.S.L.M. No. 2359 bears S. 23° 43' 23" W. 7568.36 ft.
	Thence S. 70° 55' E.
300.	To South Center End, a granite rock in place 1' x 2', 1' above ground, on south bank of Copper Creek, chiseled U 13-SCE-3731, a X on top, with a mound of stone alongside.
600.	To Cor. No. 2, a granite stone 8" x 10" x 20", set 12" in ground, chiseled U 13-2-3731, a X on top, with a mound of stone alongside.
	Thence N. 19° 05' E.
130.	Cross Copper Creek, flows S. 81° 30' W.
180.	Cross Road to Bloody Basin, course S. 81° 05' W.
838.	To Cor. No. 4 United #1 lode, this survey.
1500.	To Cor. No. 3, a granite stone 6" x 8" x 20", set 13" in ground, chiseled U 13-3-3731, a X on top, with a mound of stone alongside, a granite rock 4' x 5', 1 ft. above ground, chiseled X BR U 13-3-3731, brs. N. 53° 46' W. 6.2 ft.

- Feet
390. To North Center End, ^{Thence N. 70° 55' W.} a granite stone 4" x 10" x 22", set 12" in ground, chiseled NCE U 13-3731, a X on top, with mound of stone alongside.
600. To Cor. No. 4, a granite stone 4" x 9" x 20", set 12" in ground, chiseled U 13-4-3731, a X on top and mound of stone alongside. A granite stone 2' x 3', 2 ft. above ground, chiseled X BR U 13-4-3731, brs. S. 64° 16' E. 7 ft.
- Thence S. 19° 05' W.
1470. Cross road to Bloody Basin, bears N. 26° 40' W.
1500. To place of beginning.
- COPPER QUEEN #7 lode.
- Beginning at corner No. 1, identical with S.W. Cor. of location and with Cor. No. 4 Copper Queen #10 lode, this survey, a redwood post 4" x 4", 4 ft. long, set 1½ ft. in ground, scribed CQ7-1-3731, a nail in top and mound of stone around. Whence
- S.E. Cor. Sec. 36, T. 10 N., R. 3 E., G. & S. R. E. & M.,
bears S. 89° 44' W. 9235.21 ft.
- Thence S. 64° 16' E.
300. To South Center End, identical with N.C.E. Copper Queen #10 lode, this survey, a granite stone 6" x 8" x 18", set 10" in ground, chiseled CQ7-SCE-3731, a X on top and mound of stone alongside.
600. To Cor. No. 2, identical with Cor. No. 1 Copper Queen #8, Cor. No. 3 Copper Queen #10, Cor. No. 4 Copper Queen #11 lodes, this survey, a granite stone in place 18" x 20", 6" above ground, chiseled CQ7-2-3731, a X on top, with mound of stone alongside.
- Thence N. 19° 05' E.
1500. To Cor. No. 3, identical with Cor. No. 4, Copper Queen #8 lode, this survey, a redwood post 4" x 4", 4' long, set 1½ ft. in ground, with mound of stone around, nail in top, scribed CQ 7-3-3731.

Feet.

Thence N. 64° 16' W.

203. To Cor. No. 1, United Arizona Copper #1 and Cor. No. 2 United Arizona Copper #4 lodes, this survey.
300. To North Center End, a granite stone 6" x 8" x 20", set 12" in ground, chiseled CQ 7-NCE-3731, a X on top, and mound of stone alongside.
533. To South End Center United Arizona Copper #4 lode, this survey.
600. To Cor. No. 4, a pine post 4" x 4", 4' long, set 1½ ft. in ground, with a nail in top and mound of stone alongside, scribed CQ 7-4-3731.

Thence S. 19° 05' W.

1500. To place of beginning.

COPPER QUEEN #8 lode.

Beginning at corner No. 1, identical with SW Cor. of location and Cor. No. 2 Copper Queen #7 lode, this survey, heretofore described, chiseled CQ 8-1-3731 for this claim, whence

S.E. Cor. Sec. 36, T. 10 N., R. 3 E., G. & S.R.B. & M., bears N. 88° 43' 40" W. 9778. ft.

Thence S. 64° 16' E.

300. To South Center End, identical with North Center End Copper Queen #11 lode, this survey, a granite stone 8" x 10" x 20", set 12" in ground, chiseled CQ-8-SCM-3731, a X on top and mound of stone alongside.
600. To Cor. No. 2, identical with Cor. No. 1 Copper Queen #9 lode, this survey, and Cor. No. 2 Humming Bird lode, Survey No. 2359. A granite stone 6" x 8", 8" above ground, chiseled CQ 8-2-3731 for this claim, a X on top. Set a post 4x4", 4 ft. long, with mound of stone around, alongside.

Thence N. 19° 05' E.

1500. To Cor. No. 3, identical with Cor. No. 4 Copper Queen #9

- Feet lode, this survey, a redwood post 4" x 4", 4' long, set 1½' in ground, a nail in top and mound of stone around, scribed CQ 8-3-3731.
- Thence N. 64° 16' W.
143. To Cor. No. 1 United Arizona Copper #2, and Cor. No. 2 United Arizona Copper #1 lodes, this survey.
300. To North Center End, a granite stone 6" x 8" x 20", set 12" in ground, chiseled CQ 8 NCE-3731, a X on top and mound of stone alongside. A granite stone 2' x 4' x 2' above ground, chiseled KBR CQ 8-NCE-3731, bears S. 60° 34' E. 8.9 ft.
473. To South End Center United Arizona Copper #1 lode, this survey.
600. To Cor. No. 4, identical with Cor. No. 3 Copper Queen #7 lode, this survey, heretofore described, scribed CQ 8-4-3731 for this claim.
- Thence S. 19° 05' W.
1500. To place of beginning.

COPPER QUEEN #9 lode.

Beginning at Cor. No. 1, identical with S. W. Cor. of location and Cor. No. 2 Copper Queen #8 lode, this survey, heretofore described, chiseled CQ 9-1-3731 for this claim.

Whence S.E. Cor. Sec. 36, T. 10 N., R. 3 E., G. & S.R. B. & M., bears N. 87° 20' 57" W. 10327.30 ft.

Thence S. 70° 55' E.

300. To South Center End, identical with N.C.E. Humming Bird lode, Sur. No. 2359, a granite stone 8" x 10", 12" above ground, chiseled CQ 9-SCE-3731 for this claim, a X on top and mound of stone alongside.
600. To Cor. No. 2, identical with Cor. No. 3 Humming Bird lode, Sur. No. 2359, a malpais stone 6" x 10", 12" above ground, chiseled CQ 9-2-3731 with 4" x 4" post, 4' long, in mound of stone, alongside.
- Thence N. 19° 05' E.
550. To Cor. No. 1 United #5 and Cor. No. 4 United #11 lodes, this survey.

- Feet
1430.1 To Cor. No. 2 United Arizona Copper #3 lode, this survey.
1500. To Cor. No. 3, a redwood post 4" x 4", 4' long, set 1½ ft. in ground, a nail in top with mound of stone around, scribed CQ 9-3-3731.
- Thence N. 70° 55' W.
107. Intersect line 2-3 United Arizona Copper #2, and line 4-1 United Arizona Copper #3 lodes, this survey, at N. 0° 18' E. 63.2 ft. from Cors. 2 and 1, respectively.
300. To North Center End, a granite rock in place 1' x 2', 6" above ground, chiseled CQ 9-NCE 3731, a X on top, with mound of stone alongside.
600. To Cor. No. 4, identical with Cor. No. 3 Copper Queen #8 lode, this survey, heretofore described, scribed CQ 9-4-3731 for this claim. On line 1-2 United Arizona Copper #2 lode, of this survey, N. 64° 16' W. 517 ft. from Cor. No. 2.
- Thence S. 19° 05' W.
1500. To place of beginning.

COPPER QUEEN #10 lode.

Beginning at Corner No. 1, identical with S. W. Cor. of location and Cor. No. 3 Black lode, Survey No. 2359, a granite stone 6" x 8", 12" above ground; chiseled CQ 10-1-3731, a X on top. Set a pine post 4 x 4", 4' long, in ground, with a mound of stone around, whence

S.E. Cor. Sec. 36, T. 10 N., R. 3 E., E. & S. R. B. & M., brs. N. 81° 04' W. 8852.04 ft.

Thence S. 64° 16' E.

300. To South Center End, identical with North Center End of Black lode, Survey No. 2359, a granite stone 6 x 8" 12" above ground, chiseled CQ 19-SCE-3731, a X on top and mound of stone alongside.
600. To Cor. No. 2, identical with Cor. No. 1 Copper Queen #11 lode, this survey, and Cor. No. 2 Black lode, and Cor. No. 2 Deposit lode, Survey No. 2359. A granite stone 6 x 8", 12" above ground, chiseled CQ 10-2-3731, a X on

- Feet top, with a pine post 4 x 4" x 4' long set in ground with mound of stone around, alongside.
- Thence N. 19° 05' E.
1500. To Cor. No. 3, identical with Cor. No. 2 Copper Queen #7 lode, this survey, heretofore described, chiseled CQ 10-3-3731 for this claim.
- Thence N. 64° 16' W.
300. To North Center End, identical with South Center End Copper Queen #7 lode, this survey, heretofore described, chiseled CQ 10-NCE-3731 for this claim.
600. To Cor. No. 4, identical with Cor. No. 1 Copper Queen #7 lode, this survey, heretofore described, scribed CQ 10-4-3731 for this claim.
- Thence S. 19° 05' W.
1500. To place of beginning.
- COPPER QUEEN #11 lode.
- Beginning at corner No. 1, identical with S. W. Cor. of location and with Cor. No. 2 Copper Queen #10 lode, this survey, heretofore described, chiseled CQ 11-1-3731 for this claim, whence
- S.E. Cor. Sec. 36, T. 10 N., R. 3 E., bears N. 80° 00' 44" W. 9428.32 ft.
- Thence S. 64° 16' E.
300. To South Center End, identical with North Center End Deposit lode, Sur. No. 2359, a granite stone 6 x 8", 12" above ground, chiseled CQ 11-SCE-3731 for this claim, a X on top and mound of stone alongside.
600. To Cor. No. 2, identical with Cor. No. 1 Humming Bird and Cor. No. 4 Mammoth and Cor. No. 3 Deposit, lodes, Sur. No. 2359, a granite rock in place 2 x 3', 2' above ground, chiseled CQ 11-2-3731, a X on top, with a 4 x 4" post, 4' long, in a mound of stone, alongside.
- Thence N. 19° 05' E.

Feet
1500.

To Cor. No. 3, identical with Cor. No. 2 Copper Queen #8 lode, this survey, heretofore described, chiseled CQ 11-3-3731 for this claim.

Thence W. $64^{\circ} 16'$ E.

300. To North Center End, identical with S.C.E. Copper Queen #8 lode, this survey, heretofore described, chiseled CQ 11-NCE-3731 for this claim.

600. To Cor. No. 4, identical with Cor. No. 2 Copper Queen #7 lode, this survey, heretofore described, chiseled CQ 11-4-3731 for this claim.

Thence S. $19^{\circ} 05'$ W.

1500. To place of beginning.

UNITED ARIZONA COPPER #1 lode.

Beginning at Cor. No. 1, on line 3-4 Copper Queen #7 lode, this survey, identical with S. W. Cor. of location and Cor. No. 2 United Arizons #4 lode, this survey, a granite stone in place $20'' \times 36'' \times 20''$ above ground, chiseled UAC 1-1-3731, a X on top and mound of stone alongside, whence

S.E. Cor. of Sec. 36, T. 10 N., R. 3 E., G. & S.R.B. & M., bears S. $82^{\circ} 43' 02''$ W. 10165.10 ft.

Thence S. $64^{\circ} 16'$ E.

203. To Cor. No. 3 Copper Queen #7 and Cor. No. 4 Copper Queen #8 lodes, this survey.

330. To South Center End, a granite rock in place $3' \times 3'$, $2'$ above ground, chiseled SCE UAC 1-3731, with mound of stone alongside.

503. To North Center End Copper Queen #8 lode, this survey.

660. To Cor. No. 2, identical with Cor. No. 1 United Arizona Copper #2 lode, this survey, a granite stone $6'' \times 8' \times 24''$, set $10''$ in ground, chiseled UAC 1-2-3731, a Z on top with mound of stone alongside.

- Feet
- Thence N. $0^{\circ} 18' E.$
1360. Cross road to Mayer, bears N. $29^{\circ} 30' E.$
1500. To Cor. No. 3, identical with Cor. No. 4 United Arizona Copper #2 lode, this survey, a granite stone $6" \times 12" \times 20"$ set $14"$ in ground, chiseled UAC 1-3-3731, a X on top and mound of stone alongside.
- Thence N. $64^{\circ} 16' W.$
330. To North Center End, a granite stone $6" \times 12" \times 26"$, set $13"$ in ground with mound of stone, chiseled UAC 1-NCE-3731.
660. To Cor. No. 4, identical with Cor. No. 3 United Arizona Copper #4 lode, this survey, a granite stone $6" \times 8" \times 20"$, set $12"$ in ground, chiseled UAC 1-4-3731, a X on top, with mound of stone alongside.
- Thence S. $0^{\circ} 18' W.$
1500. To place of beginning.

UNITED ARIZONA COPPER #2 lode.

Beginning at Corner No. 1, identical with S. W. Cor. of location and with Cor. No. 2 United Arizona Copper #1 lode, this survey, heretofore described, chiseled UAC 2-1-3731 for this claim, whence

U.S.L.M. No. 2359 bears S. $24^{\circ} 37' 14" W.$ 4870.66 ft.

A granite stone $3 \times 4'$, 3 ft. above ground, chiseled X BR UAC 2-1. UAC 1-2-3731, bears West 7 ft.

Thence S. $64^{\circ} 16' E.$

143. To Cor. No. 3 Copper Queen #8 and Cor. No. 4 Copper Queen #9 lodes, this survey.
330. To South Center End, a granite stone $6 \times 8" \times 20"$ set $12"$ in ground, chiseled UAC 2-SCE-3731, with a X on top and a mound of stone alongside.
660. To Cor. No. 2, identical with Cor. No. 1 United Arizona Copper #3 lode, this survey, a granite stone $6 \times 8" \times 18"$, set $12"$ in ground, chiseled UAC 2-2-3731, a X on top and mound of stone alongside.

Feet

Thence N. $0^{\circ} 18'$ E.

- 63.2 Intersect line 3-4 Copper Queen #9 lode, this survey,
at S. $70^{\circ} 55'$ E. 493. ft. from Cor. No. 4.
- 1119.5 To Cor. No. 4 United Arizona #3 lode, this survey,
1500. To Cor. No. 3, a granite stone 8 x 8" x 20", set 12"
in ground, chiseled UAC 2-3-3731, a X on top, with
mound of stone alongside.

Thence N. $64^{\circ} 16'$ W.

330. To North Center End, a granite stone 6 x 10 x 20",
set 12" in ground, chiseled UAC 2 NCE 3731, a X on top
and mound of stone alongside.
590. Cross Road to Mayer, bears N. $29^{\circ} 30'$ E.
660. To Cor. No. 4, identical with Cor. No. 3 United Arizona
Copper No. 1 lode, this survey, chiseled UAC 2-4-3731
for this claim.

Thence S. $0^{\circ} 18'$ W.

140. Cross road to Mayer, bears N. $29^{\circ} 30'$ E.
1500. To place of beginning.

UNITED ARIZONA COPPER #3 Lode.

Beginning at Cor. No. 1, identical with S.W. Cor. of
location and with Cor. No. 2 United Arizona Copper #2
lode, this survey, heretofore described, chiseled UAC
3-1-3731 for this claim, whence

U.S.L.M. No. 2359 brs. S. $32^{\circ} 21' 28''$ W. 4902.64 ft.

Thence S. $64^{\circ} 16'$ E.

- 43.6 To South Center End, a granite stone 5 x 7 x 24", set
12" in ground, chiseled UAC 3-SCE-3731, a X on top and
mound of stone alongside.
- 87.2 To Cor. No. 2, on line 4-1 United #5 lode, this survey,
a granite stone 4 x 8 x 22", set 12" in ground, chiseled
UAC 3-2-3731, a X on top and mound of stone alongside.

Thence N. $19^{\circ} 05'$ E.

- 69.9 To Cor. No. 3 Copper Queen #9 lode, this survey.

- Feet
619.9 To Cor. No. 4 United #5 and Cor. No. 1 United #2 lodes, this survey.
- 1017.5 To Cor. No. 3, a granite stone 6 x 8 x 20", set 12" in ground, chiseled UAC 3-3-3731, a X on top and a mound of stone alongside.
- Thence N. 64° 16' W.
225. To North Center End, a granite stone 6 x 9 x 25", set 12" in ground, chiseled UAC 3 NCE 3731, a X on top and a mound of stone alongside.
450. To Cor. No. 4, a granite stone 6 x 6 x 24" set 12" in ground, chiseled UAC 3-4-3731, a X on top and a mound of stone alongside.
- Thence S. 0° 18' W.
- 1056.3 Intersect line 3-4 of Copper Queen #9 lode, this survey, N. 70° 55' W. 107 ft. from Cor. No. 3.
- 1119.5 To place of beginning.

UNITED ARIZONA COPPER #4 Lode.

Beginning at Cor. No. 1, identical with S.W. Cor. of location, a granite stone 6 x 6 x 18", set 10" in ground, chiseled UAC 4-1-3731, with a X on top and mound of stone alongside. Whence

S.E. Cor. Sec. 36, T. 10 N., R. 3 E., G. & S.R.B. & M., bears S. 80° 34' 29" W. 9618.55 ft.

Thence S. 64° 16' E.

263. To Cor. No. 4 Copper Queen #7 lode, this survey.
330. To South Center End, a granite stone 6" x 8" x 20", set 12" in ground, chiseled UAC 4-SCE-3731, a X on top and mound of stone alongside.
563. To North Center End Copper Queen #7 lode, this survey.
660. To Cor. No. 2, identical with Cor. No. 1 United Arizona Copper #1 lode, this survey, heretofore described, chiseled UAC 4-2-3731 for this claim.

Thence N. 0° 18' E.

- Feet
1500. To Cor. No. 3, identical with Cor. No. 4 United Arizona Copper #1 lode, this survey, heretofore described, chiseled UAC 4-3-3731 for this claim.
- Thence N. 64° 16' W.
330. To North Center End, a granite stone 6 x 8 x 20", set 12" in ground, chiseled UAC 4-NCE-3731, a x on top, with mound of stone alongside.
- A granite rock 3 x 4', 2' above ground, chiseled UAC 4-NCE-3731 XBR, bears N. 54° 08' E. 6 ft. Mound of stone alongside.
660. To Cor. No. 4, a redwood post 4 x 4", 4' long, set 1½ ft. in ground with mound of stone, nail in top, scribed UAC 4-4-3731.

Thence S. 0° 18' W.

1500. To place of beginning.
All corners of the claims of this survey are identical with the location. -----

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I hereby certify that the value of labor and improvements upon this claim, placed thereon by claimant or its grantors, is not less than \$500 and that said improvements consist of the following:

UNITED ARIZONA COPPER #1.

- No. 1, discovery shaft 4 x 6 x 8 ft. which hrs. N. 0° 18' E. 550 ft. from South end center.

Value, \$80.00

- No. 2, a two-compartment shaft from South Center End bears N. 1° 50' E. 585 ft., 4½ x 8½ ft. in the clear, 1000 ft. deep and timbered, Value, \$60,000.

From 150' level, a drift 4 x 5 ft. extends S. 45° W. 30 ft., S. 5° W. 45 ft., and S. 20° 10' W. 54 ft., total 129 ft. at \$14 per ft., Value, \$ 1,806.

From 300' level a drift 4 x 5 ft. extends S. 20° W. 24 ft., S. 85° W. 35 ft., total 59 ft. at \$14 per ft.

Value, \$ 826.

From 400 ft. level, a drift 4 x 5 ft. extends S. 15° W. 30 ft., S. 47° W. 15 ft. Total 45 ft. at \$14 per foot,

Value, \$ 630.

From 600' level a drift 4 x 5 ft., extends S. 45° W. 18 ft., N. 70° W. 48 ft., N. 22° E. 24 ft., and S. 25° W. 24 ft., total 114 ft., at \$14 per fot.,

Value, \$ 1,596.

From 800' level a drift 4 x 5 ft., extends S. 25° W. 21 ft., N. 75° W. 16.5 ft., N. 55° W. 28 ft., from this point drift continues N. 50° W. 51.5 ft. Another S. 45° W. 32 ft., S. 25° W. 42 ft., S. 60° W. 50 ft., S. 22° W. 58 ft., N. 68° W. 18 ft., total 317 ft., at \$14 per fot.,

Value, \$ 4,438.

From 908 ft. level a drift 4 x 5 ft., extends N. 3° E. 15 ft., and S. 20° W. 22 ft., total 37 ft. at \$14 per ft.,

Value, \$ 518.

From 1000 ft. level there are three diamond drill holes each on 30° incline;

No. 1 in a southwesterly direction 314 ft., at \$8,

\$2,512

No. 2 in a southerly direction 1100ft., at \$8

\$8,800

No. 3 in a westerly direction 600 ft., at \$8,

\$4,800

Total value, \$85,926.

An undivided 1/22 interest is credited to each claim in this survey,

Value, \$3,905.73

A 1/22 interest from No. 2 United Arizona Copper #3 lode this survey,

Value, \$ 159.09

Total, \$4144.82

UNITED ARIZONA COPPER #2

No. 1, discovery shaft 4 x 6 x 8 ft., which bears N. 0° 18' E. 500 ft. from South End Center,

Value, \$ 80.00

A 1/22 interest from improvement No. 2 United Arizona Copper #1 lode, this survey,

Value, \$3905.73

A 1/22 interest from No. 2 United Arizona Copper #3 lode, this survey,

Value, \$ 159.09

Total \$4144.82

UNITED ARIZONA COPPER #3

No. 1, discovery shaft 4 x 6 x 8 ft., which bears N. 0°
18' E. 50 ft. from South Center End.

Value, \$ 80.00

No. 2, a diamond drill hole 500 ft. in depth, which brs.
S. 44° 25' W. 555 ft. from Cor. No. 3.

Value, \$3500.00

A 1/22 interest is credited to each claim in this survey.

Value credited to this claim, \$ 159.09

A 1/22 interest from No. 2 United Arizona Copper #1 lode,
this survey,

Value, \$3905.73

Total, \$4144.82

UNITED ARIZONA COPPER #4.

No. 1, discovery shaft 4 x 6 x 8 ft., which bears N. 0°
18' E. 500 ft. from South Center End,

Value, \$ 80.00

A 1/22 interest from No.2 United Arizona Copper #1 lode
this survey,

Value, \$3905.73

A 1/22 interest from No.2 United Arizona Copper #3 lode
this survey,

Value, \$159.09

Total \$4144.82

UNITED #1

No. 1, discovery shaft 4 x 6 x 8 ft., which bears N. 19°
05' E. 300 ft. from South Center End,

Value, \$80.00

No.2, shaft 4 x 6 x 30 ft., which bears S. 14° 05' W.
210 ft. from Cor. No. 4.

Value, \$300.00

A 1/22 interest from No.2 United Arizona Copper #1 lode,
this survey,

Value, \$3905.73

A 1/22 interest from No.2 United Arizona Copper #3 lode,
this survey,

Value, \$159.09

Total \$4444.82

UNITED #2.

No. 1, discovery shaft 4 x 6 x 8 ft., which bears N. 19°
05' E. 500 ft. from south end center,

	Value,	\$ 80.00
A 1/22 interest in No.2 United Arizona Copper #1 lode, this survey,	Value,	\$3905.73
A 1/22 interest from No.2 United Arizona Copper #3 lode, this survey,	Value,	<u>\$ 159.09</u>
	Total,	\$4144.82

UNITED #3

No. 1, discovery shaft 4 x 6 x 8 ft., which bears N. 19° 05' E. 300 ft. from South Center End,	Value,	\$ 80.00
A 1/22 interest from No.2 United Arizona Copper #1 lode, this survey,	Value,	\$3905.73
A 1/22 interest from No.2 United Arizona Copper #3 lode, this survey,	Value,	<u>\$ 159.09</u>
	Total,	\$4144.82

UNITED #4.

No. 1, discovery shaft 4 x 6 x 8 ft., which bears N. 19° 05' E. 500 ft. from South Center End,	Value,	\$ 80.00
A 1/22 interest from No.2 United Arizona Copper #1 lode, this survey,	Value,	\$3905.73
A 1/22 interest from No.2 United Arizona Copper #3 lode, this survey,	Value,	<u>\$ 159.09</u>
	Total, va	\$4144.82

UNITED #5.

No. 1, discovery shaft 4 x 6 x 8 ft., which bears S. 19° 05' W. 300 ft. from North Center End,	Value,	\$ 80.00
No.2 tunnel 4x6x60 ft., course S. 50° E., bears N. 6° 18' W. 80 ft. from South Center End,	Value,	\$ 600.00
A 1/22 interest from No.2 United Arizona Copper #1 lode, this survey,	Value,	\$3905.73
A 1/22 interest from No.2 United Arizona Copper #3 lode, this survey,	Value,	<u>\$ 159.09</u>
	Total,	\$4744.82

UNITED #6.

No. 1, discovery shaft 4 x 6 x 8 ft., which bears S. 19° 05' W. 500 ft. from North Center End,	Value,	\$ 80.00
A 1/22 interest from No.2 United Arizona Copper #1 lode, this survey,	Value,	\$3905.73

A 1/22 interest from No.2 United Arizona Copper #3 lode, this survey,	Value,	<u>\$ 159.09</u>
	Total,	\$4144.82

UNITED #7.

No. 1, discovery shaft 4 x 6 x 8 ft., which bears N. 19° 05' E. 300 ft. from south center end, value,	\$	80.00
No.2, tunnel 4 x 6 x 160 ft., the portal of which bears N. 17° 00' E. 365 ft. from Cor. No. 2, Value,	\$1600.00	
A 1/22 interest from No.2 United Arizona Copper #1 lode, this survey,	Value,	\$3905.73
A 1/22 interest from No.2 United Arizona Copper #3 lode, this survey,	Value,	<u>\$ 159.09</u>
	Total,	\$5744.82

UNITED #8.

No. 1, discovery shaft 4 x 6 x 8 ft., which bears S. 19° 05' W. 300 ft. from North Center End, Value,	\$	80.00
A 1/22 interest from No.2 United Arizona Copper #1 lode, this survey,	Value,	\$3905.73
A 1/22 interest from No.2 United Arizona Copper #3 lode, this survey,	Value,	<u>\$ 159.09</u>
	Total,	\$4144.82

UNITED #9.

No. 1, discovery shaft 4 x 6 x 8 ft., which bears S. 19° 05' W. 50 ft. from North Center End, Value,	\$	80.00
A 1/22 interest from No.2 United Arizona Copper #1 lode, this survey,	Value,	\$3905.73
A 1/22 interest from No.2 United Arizona Copper #3 lode, this survey,	Value,	<u>\$ 159.09</u>
	Total,	\$4144.82

UNITED #10.

No.1, discovery shaft 4 x 6 x 8 ft., which bears S. 19° 05' W. 150 ft. from North Center End, Value,	\$	80.00
A 1/22 interest from No.2 United Arizona Copper #1 lode, this survey,	Value,	\$3905.73
A 1/22 interest from No.2 United Arizona Copper #3 lode, this survey,	Value,	<u>\$ 159.09</u>
	total	\$4144.82

UNITED #11.

No. 1, discovery shaft 4 x 6 x 8 ft., which bears S. 19° 05' W. 100 ft. from North Center End, Value,	\$ 80.00
A 1/22 interest from No.2 United Arizona Copper #1 lode, this survey,	Value, \$3905.73
A 1/22 interest from No.2 United Arizona Copper #3 lode, this survey,	Value, \$ 159.09
	Total, \$4144.82

UNITED #12

No. 1, discovery shaft 4 x 6 x 8 ft., which bears S. 19° 05' E. 100 ft. from North Center End, Value,	\$ 80.00
A 1/22 interest from No.2 United Arizona Copper #1 lode, this survey,	Value, \$3905.73
A 1/22 interest from No.2 United Arizona Copper #3 lode, this survey,	Value, \$ 159.09
	Total, \$4144.82

UNITED #13.

No. 1, discovery shaft 4 x 6 x 8 ft., which bears N. 19° 05' E. 500 ft. from South Center End, Value,	\$ 80.00
A 1/22 interest from No.2 United Arizona Copper #1 lode, this survey,	\$3905.73
A 1/22 interest from No.2 United Arizona Copper #3 lode, this survey,	\$ 159.09
	Total, \$4144.82

COPPER QUEEN #7.

No. 1, discovery shaft 4 x 6x8 ft., which bears S. 19° 05' W. 250 ft. from North Center End, Value,	\$ 80.00
A 1/22 interest from No.2 United Arizona Copper #1 lode, this survey,	Value, \$3905.73
A 1/22 interest from No.2 United Arizona Copper #3 lode, this survey,	Value, \$ 159.09
	Total, \$4144.82

COPPER QUEEN #8.

No. 1, discovery shaft 4 x 6 x 8 ft., which bears S. 19° 05' W. 500 ft. from North Center End, Value,	\$ 80.00
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A 1/22 interest from No.2 United Arizona Copper #1 lode, this survey,	Value,	\$3905.73
A 1/22 interest from No.2 United Arizona Copper #3 lode, this survey,	Value,	\$ <u>159.09</u>
	Total,	\$4144.82

COPPER QUEEN #9.

No. 1, discovery shaft 4 x 6 x 8 ft., which bears S. 19° 05' W. 20 ft. from North Center End,	Value,	\$ 80.00
A 1/22 interest from No.2 United Arizona Copper #1 lode, this survey,	Value,	\$3905.73
A 1/22 interest from No.2 United Arizona Copper #3 lode, this survey,	Value,	\$ <u>159.09</u>
	Total,	\$4144.82

COPPER QUEEN #10.

No. 1, discovery shaft 4 x 6x3 ft., which bears S. 19° 05' W. 500 ft. from North Center End,	Value,	\$ 80.00
A 1/22 interest from No.2 United Arizona Copper #1 lode, this survey,	Value,	\$3905.73
A 1/22 interest from No.2 United Arizona Copper #3 lode, this survey,	Value,	\$ <u>159.09</u>
	Total,	\$4144.82

COPPER QUEEN #11.

No. 1, discovery shaft 4 x 6 x 8 ft., which bears S. 19° 05' W. 500 ft. from North Center End,	Value,	\$ 80.00
A 1/22 interest from No.2 United Arizona Copper #1 lode, this survey,	Value,	\$3905.73
A 1/22 interest from No.2 United Arizona Copper #3 lode, this survey,	Value,	\$ <u>159.09</u>
	Total,	\$4144.82

The surface embraced by this group ascends rapidly from the working shaft on United Arizona Copper #1 to the southeast and northwest. The north end line of United # 2, 3 and 4 is from 500 to 700 ft. higher than the shaft and from 700 to 1000 ft. above Copper Creek.

The south end line of United #9, 10 and 11 is from 1000 to 1200 ft. above the working shaft; by drifting from the bottom of this great depth under the group may be attained. The ore can all be handled through this one working shaft, which is well situated for a reduction plant, it is therefore considered a common improvement for this entire group and its value distributed equally among all the claims.

The diamond drill now working in improvement No.2 on on the United Arizona Copper #3 lode will tend to prospect and develop the claims it cuts through, and in connection with diamond drill work on United Arizona Copper #1 lode makes a net work of prospect holes on entire group; it is therefore considered a common improvement for the entire group, and its value is distributed equally among all the claims.

ADJOINING CLAIMS.

This group is bounded on the north by unknown claims, unsur., Copper Queen of Arizona, claimant. On the west by the Copper Creek Chief claims, unsurveyed, of E. S. Jones, S. Badger and Tom Holland, claimants; on the south by Black²⁰² Deposit, and Humming Bird & Key lodes, of Sur.No.2359, also the YA 13 and YA 14 lodes, unsurveyed, claimants unknown, and on the east by vacant land.

Copper Creek runs through the north end of this survey and is about 25 ft. wide, banks 6 ft. high, and runs a small stream of water continually.

OTHER IMPROVEMENTS.

From Cor. No.1 United Arizona Copper #1;
 Tent house 12 x 28 ft., brs. N. 11° 05' E. 350 ft.
 Supt's. house, frame 14 x 24 ft., brs. N. 11° 20' E. 600 ft.
 Tent house, 12 x 14 ft., brs. N. 16° E. 420 ft.
 Boarding house, frame, 12 x 42 ft., brs. N. 16° 50' E.
 510 ft.

From South Center End; same claim;
 A corrugated engine house 34 x 34 ft., brs. N. 0° 18' E.
 515 ft., equipped with a ²⁵ H.P. Foos engine, a 75 H.P. Doak gas engine, 2 Sullivan Air Compressors.

A corrugated iron blacksmith shop 14 x 14 ft., brs. N. 4° 30' E. 510 ft.

Miners' change room, frame, 14 x 16 ft., brs. N. 4° 35' E. 580 ft.

From South Center End United Arizona Copper #4 lode;

A frame and adobe bunk house, 18 x 40 ft., brs. N. 9° 35' E. 550 ft.

From North Center End United Arizona Copper #4 lode;

The shaft of Copper Queen of Arizona bears N. 47° 00' E. 2145 ft.

AREAS.

Total area United #1 lode,	20.661	Acres
Total area United #2 lode,	20.661	"
Total area United #3 lode,	20.661	"
Total area United #4 lode,	20.661	"
Total area United #5 lode,	20.661	"
Total area United #6 lode,	20.661	"
Total area United #7 lode,	20.661	"
Total area United #8 lode,	20.661	"
Total area United #9 lode,	20.661	"
Total area United #10 lode,	20.661	"
Total area United #11 lode,	20.661	"
Total area United #12 lode,	20.661	"
Total area United #13 lode,	20.661	"
Total area Copper Queen #7 lode,	20.522	✓ "
Total area Copper Queen #8 lode,	20.522	✓ "
Total area Copper Queen #9 lode,	20.661	✓ "
Area in conflict with United Arizona Copper #3 lode, this survey,	0.143	✓
Total area Copper Queen #10 lode,	20.522	✓ "
Total area Copper Queen #11 lode,	20.522	✓ "
Total area United Arizona Copper #1 lode,	20.525	✓ "
Total area United Arizona Copper #2 lode,	20.525	✓ "
Area in conflict with Copper Queen #9 lode, this survey,	0.339	✓
Total area United Arizona Copper #3 lode,	6.232	"
Total area United Arizona Copper #3 lode,	20.525	"

LODE LINES.

As near as can be determined from present developments the veins of the claims embraced in this survey extend from their south center ends as follows;

United #1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 and 13, N. 19° 05' E. 1500 ft.

United Arizona Copper #1, 2 and 4, N. 0° 18' E. 1500 ft.

United Arizona Copper #3, N. 9° 15' E. 1054 ft.

Copper Queen # 7, 8, 9, 10 and 11, N. 19° 05' E. 1500 ft.

As there are numerous cross veins and dykes the course is hard to determine.

INSTRUMENT.

This survey was made with a Kueffel & Esser transit, and a 100 ft. steel tape. The course was deflected from the true meridian as determined by direct observation on Polaris, and checked with the course of Survey No. 2359. Variation at all corners is 14° 31' E.

REPORT.

The S. E. Cor. of Sec. 36, T. 10 N., R. 3 E., to which tie is given, is a granite stone properly set and marked.

U. S. ^LM. No. 2359 is a X on a rock in place, with monument of stone alongside.

The oath of my assistants is dated December 21, 1920, which is subsequent to completion of survey on the ground.

LOCATION

This survey is located in what will probably be, when surveyed, Secs. 15, 16 and 21, T. 10 N., R. 4 E. unsur.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Earl H. Parker
 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 United
Arizona Copper Mining and Smelting Company
 known as the United Arizona Copper #1-2-3-4, United 1-2-3-4-5-6-7-8-9-10-11-12-13
Copper Queen # 7-8-9-10-11
 and showing the respective capacities in which they acted.

- W.A. Harmony , Chairman.
- A. Haines , Chairman.
- C. Warren Newberg , Assman.
- , Flagman.

FINAL OATHS OF ASSISTANTS.

We, W.A. Harmony, A. Haines
 and C. Warren Newberg , do solemnly swear that we assisted Earl H. Parker
 , United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of United Arizona Copper Mining &
Smelting Company
 known as the United Arizona Copper #1-2-3-4, United 1-2-3-4-5-6-7-8-9-10-
11-12-13 Copper Queen # 7-8-9-10-11
 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

- W.A. Harmony , Chairman.
- A. Haines , Chairman.
- C. Warren Newberg , Assman.
- , Flagman.

Subscribed and sworn to by the above-named persons before me this 21
 day of December , 1920



John H. Stager
Notary - Maricopa Co. Ariz.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Earl H. Parker, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the United States
Surveyor General for Arizona, dated
Dec. 14th 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 Arizona Copper Mining & Smelting Company
United # 1-2-3-4-5-6-7-8-9-10-11-12-13 Copper Queen 7-8-9-10-11, known as the
United Arizona Copper 1-2-3-4,
situate in Copper Creek Mining District,
Yavapai County, Arizona, in Section
15, 16 & 21, Township No. 10N, Range No. 4 E, Quinn,
and designated as Survey No. 3731, 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.

Earl H. Parker
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Earl H. Parker
U. S. Mineral Surveyor, before me John W. Wagner
Notary - Maricopa Co. Arizona this 29
day of December, 1920

John W. Wagner
Notary - Maricopa Co. Ariz.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

March 14, 1921.

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

United Arizona Copper Mining & Smelting Company
known as the UNITED #1,2,3,4,5,6,7,8,9,10,11,12 & 13, COPPER QUEEN #7,8,9,
10 & 11, UNITED ARIZONA COPPER #1,2,3,4 lodes
situate in Copper Creek

Mining District, Yavapai County, Arizona

in Sections 15, 16 & 21, Township No. 10 N., Range No. 4 E., 9mer, and

designated as Survey No. 3731, 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 claim by claimant or its grantors, and that said improvements consist of 24 shafts, 7 drifts, 2 tunnels and 4 drill holes, total value \$93,686.

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

March 14, 1921

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

United Arizona Copper Mining & Smelting Company

known as the

UNITED #1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 & 13, COPPER QUEEN #7, 8, 9, 10 & 11, UNITED ARIZONA COPPER #1, 2, 3, 4 lodes

situate in Copper Creek mining district,

Yavapai County, Arizona

in Sections 15, 16 & 21, Township No. 10 N., Range No. 4 E. Unsur.

designated as Survey No. 3731

executed by Earl H. Parker, U. S. Mineral

Surveyor, December 15 - 29, 1920 under my instructions dated

December 14, 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.

[Handwritten signature]

U. S. Surveyor General for Arizona