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Aug 31 1908

4-683.

MINERAL SURVEY No. 2563 A. & B.

LOT No.

ARIZONA

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

RAY CONSOLIDATED COPPER COMPANY.

KNOWN AS THE

Orion, Ida and Mesa Lode Claims, and the Orion, Ida No. 2 and Mesa

Mill Sites. Mineral Creek, (unorganized) Mining District,

Pinal County, Arizona.

Lodes in unsurveyed

Section, Township T. 3 S., Range 13 East

Mill Sites in unsurveyed T. 4 S., 13 East.

Surveyed under instructions dated August 5th., 1908.

by Harry V. Wheeler.

U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced August 15th., 19 08

Survey completed August 19th., 19 08

6-822

Mr. Frank Thompson, Attorney for Ray Consolidated Copper Co.,

220 Fleming Block, Phoenix, Arizona.

ORION LODE.

Feet.

Beginning at Cor. No. 1, identical with Cor. No. 4, Sur. No. 1244 Ray lode on line 1-2 Sur. No. 1244, Copper Bottom lode, at N. $78^{\circ} 50'$ E. 300 ft. from Cor. No. 2.

A granite stone showing 13 x 8 x 6 ins. above ground, chiseled 4-1244. I chisel it 1-2568 A. U.S. Location Monument No. 1 bears S. $88^{\circ} 45.8'$ E., 1993.9 ft.

Thence S. $78^{\circ} 50'$ W.

300 To S. center end of lode line, *location, a pine post 4 ins. sq., 3 ft. above ground, scribed O-S.C.E. and with* identical with Cor. No. 2, Sur. No.

1244 Copper Bottom lode; a quartzite stone showing 12 x 8 x 6 ins. above the ground, chiseled 2-1244.

600 To Cor. No. 2, identical with Cor. No. 1, Ida lode of this survey; a pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground with mound of earth and stone, scribed 2-1-2568 A., whence a cross (K) and B.R. 2-1-2568 A. chiseled on a granite rock showing 2 x 2 x 2 ft. above the ground bears S. $55^{\circ} 15'$ E., 55.0 ft.

Thence N. $11^{\circ} 10'$ W.

Ascend over rolling ground

1500 To Cor. No. 3, identical with Cor. No. 4, Ida lode of this survey; a point on line 3-4, Sur. No. 1467 A. Bishop lode; a pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and stone, scribed 3-4-2568 A.; whence a cross (K) and B.R. 3-4-2568 A. chiseled on a granite rock showing 6 x 5 x 3 ft. above the ground bears N. $41^{\circ} 08'$ W., 53.5 ft.

Thence N. $78^{\circ} 50'$ E.

300 To N. center end of lode line, *identical with location, a pine post 4 ins. sq., 3 ft. above ground, scribed O-N.C.E. and* identical with Cor. No. 4, Sur. No.

1467 A. Bishop lode, and Cor. No. 2, Sur. No. 1244, Parson lode; a granite stone 14 x 10 x 8 ins. above ground, with mound of stone, chiseled 4-1467 A. and 2-1244.

600 To Cor. No. 4, a point on line 2-1, Parson lode, and identical with Cor. No. 3, Sur. No. 1244, Ray lode; a granite stone, 12 x 12 x 8 ins. above ground with mound of stones chiseled 3-1244. I chisel

Feet.

it 4-2568 A.; whence a cross (X) and B.R. 4-2568 A., chiseled on a granite rock showing 6 x 5 x 3 ft. above the ground, bears N. 2° 37' W. 72.8 ft.

Thence S. 11° 10' E.

Along line 3-4 Ray lode

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

I D A L O D E:

Beginning at Cor. No. 1, identical with Cor. No. 2, Orion lode of this survey, previously described.

U.S.L.M.No.1 bears N. 88° 24.2' E., 2583.0 ft.

Thence S. 78° 50' W.

Over rolling ground on N. line Eden lode, unsurveyed,

500 To S. center end of lode line, identical with location, a pine post 4 ins. sq., 3 ft. above ground, scribed S.C.E.

600 To Cor. No. 2, identical with Cor. No. 1, Mesa lode of this survey; a pine post, 4 ft. long, 4 ins. square, set 16 ins. in the ground, with mound of earth and stone scribed 2-1-2568 A.

Thence N. 11° 10' W.

Over rolling ground,

1500 To Cor. No.3, identical with Cor. No. 4, Mesa lode of this survey, on line 3-4 Bishop lode; a pine post 4 ft. long, 4 ins. square, set 16 ins. in the ground with mound of stone, scribed 3-1-2568 A.; whence a cross (X) and B.R. 3-4-2568 A., chiseled on a porphyry rock showing 4 x 2 x 2 ft. above the ground, bears N. 41° 08' W., 53.3 ft.

Thence N. 78° 50' E.

500 To N. center end of lode line, identical with location, a pine post 4 ins. sq., 3 ft. above ground, scribed N.C.E.

600 To Cor. No. 4, identical with Cor. No. 3, Orion lode of this survey, previously described.

Feet.

Thence S. 11° 10' E.

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

MESA LODGE:

Beginning at Cor. No. 1, identical with Cor. No. 2 Ida lode of this survey, previously described, U.S.L.M. No. 1, bears N. 66° 56.2' E., 3176.2 ft.

Thence S. 78° 50' W.

Ascending gentle slope to S.M.

300 To S. center end of lode line, identical with location, a pine post 4 ins. sq., 3 ft. above ground, scribed M-S.C.E.

600 To Cor. No. 2; a pine post 4 ft. long, 4 ins. square, set 16 ins. in the ground, with mound of earth and stone, scribed 2-2568 A.

Thence N. 11° 10' W.

Ascending

778.45 To Cor. No. 2, Survey No. 1467 A., York lode; a pine post 4 ins. square, 3 ft. above ground in mound of earth; whence Cor. No. 1, York lode, bears N. 22° 30' E., 600.53 ft., and is a pine post 4 ins. square, 3 ft. above ground, in mound of earth.

1500 To Cor. No. 3, identical with Cor. No. 3, Sur. No. 1467 A. Bishop lode, on line 4-1, York lode; a pine post 4 ins. square, 3 ft. above ground, in mound of earth, scribed 3-1467 A. I scribed it 3-2568 A.; whence a cross (X) and B.R. 3-2568 A., chiseled on a porphyry rock showing $3 \times 2 \times 2$ ft. above the ground, bears N. 56° 05' E., 60.2 ft., and a cross (X) and B.R. 3-2568 A., chiseled on a porphyry rock showing $6 \times 5 \times 4$ ft. above the ground bears N. 29° 41' W., 85.1 ft. Cor. No. 1 York lode bears S. 67° 30' E., 400 ft.

Thence N. 78° 50' E.

500 To N. center end of lode line, identical with location, a pine post 4 ins. sq., 3 ft. above ground, scribed M-N.C.E.

600 To Cor. No. 4, identical with Cor. No. 3, Ida lode of this survey.

Feet.

previously described.

Thence S. $11^{\circ} 10'$ E.

Descending over broken ground,

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

LEDGE:

The presumed course of the vein or lode line on each of the lode claims, from the S. center end, is N. $11^{\circ} 10'$ W., 1500 ft.

ORION MILL SITE.

Feet.

Beginning at Cor. No. 1, identical with N.W. Cor. of Copper Carbonate mill site, unsurveyed. A pine post 4 ft. long, 4 ins. square set 18 ins. in the ground, with mound of earth, scribed 1-2568 B.; whence Cor. No. 1, Ser. No. 2568 A., Orion lode, bears N. $16^{\circ} 20.2'$ W. 20485.9 ft. To W. $1/4$ Cor. to Sec. 6, T. 4 S., R. 14 E., G. & S. R., B. & M. bears S. $87^{\circ} 04.2'$ E., 2725.4 ft.

Thence S. $8^{\circ} 55'$ W.

170 To center of Ray Co. R.R. course N. 85° E. and S. 85° W., a 30 inch gauge steam road, owned by the Ray Consolidated Copper Company, and used in transporting the ore from the lode claims to the reduction works, situated upon the mill sites.

466.5 To Cor. No. 2, identical with the S.W. Cor. of Copper Carbonate, the N.W. Cor. of Albion and N.E. Cor. of Grenadier mill sites, unsurveyed. A pine post 4 ft. long, 4 ins. square set 18 ins. in the ground with mound of earth and stone, scribed 2-2568 B.; whence a cross (X) and D.R. 2-2568 B. chiseled on a granite stone showing $2 \times 1 \times 1$ ft. above the ground, bears S. $14^{\circ} 30'$ E., 15.7 ft.

Thence N. $81^{\circ} 05'$ W.

30.1 To center of Ray Co. R.R., course N. 4° E. and S. 4° W.

116.0 To center of wagon road, course N. 4° E. and S. 4° W.

466.5 To Cor. No. 3, identical with Cor. No. 1, Ida N.S. of this survey; the N.W. Cor. Grenadier and the S.E. Cor. Copper Nugget mill sites, unsurveyed. A pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and stone, scribed 3-1-2568 B.; whence a cross (X) and D.R. 3-1-2568 B., chiseled on a granite stone showing $52 \times 36 \times 15$ ins. above the ground, bears S. $5^{\circ} 14'$ E., 18.4 ft.

Thence N. $8^{\circ} 55'$ E.

466.5 To Cor. No. 4, identical with N.E. Cor. Copper Nugget N.S., unsurveyed; a pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground with mound of earth scribed 4-2568 B.

Feet.	
	Thence S. 81° 05' E.
412	To center of wagon road, course N. 9° W. and S. 9° E.
466.5	To Cor. No. 1, the place of beginning.

I D A M I L L S I T E:

Beginning at Cor. No. 1, identical with Cor. No. 3, Orion N.S. of this survey, previously described; thence Cor. No. 1, Cor. No. 2568 A., Ma lode, bears N. 16° 16.4' W., 20763.0 ft. and the W. 1/4 Cor. to Sec. 6, T. 4 S., R. 14 E. bears N. 65° 37' E., 3262.5 ft.

Thence E. 8° 55' W.

466.5	To Cor. No. 2, identical with S. W. Cor. Grenadier and N. W. Cor. Native Copper mill sites, unsurveyed; A pine post 4 ft. long, 4 ins. square, set 16 ins. in the ground with mound of earth, scribed 2-2568 B.
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Thence N. 81° 05' W.

195	To left bank of Mineral Creek, course S. 10° E.
290	To right bank of Mineral Creek; Ascend
391.5	To Cor. No. 5 on steep slope to east. A pine post 4 ft. long, 4 ins. square, set 16 ins. in the ground, with mound of stone, scribed 3-2568 B.

Thence N. 8° 55' E.

466.5	To Cor. No. 4, identical with S.W. Cor. Copper Nugget N.S., unsurveyed; A pine post 4 ft. long, 4 ins. square, set 16 ins. in the ground, with mound of earth, scribed 4-2568 B.
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Thence S. 81° 05' E.

75.0	To right bank of Mineral Creek, course S. 9° W.
175.0	To left bank of Mineral Creek,
391.5	To Cor. No. 1, the place of beginning.

Feet.

I D A N O . 2 M I L L S I T E

- Beginning at Cor. No. 1, identical with S.E. Cor. Copper Nugget N^o 2 M.S., unsurveyed, at center of line 2-3 Sur. No. 1467 B. Centurion M.S. and with Witness Corner to Cor. No. 4 of this Ida No. 2 M.S.; a pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth and stone, scribed 1-2568 B., also W.C. 4-2568 B.; whence true Cor. point for Cor. No. 4 bears N. 81° 05' W., 50 ft.
- Cor. No. 3-3, Sur. No. 1467 B., Centurion and Member mill sites; a pine post 4 ins. square, 3 ft. above the ground in mound of earth and stone, scribed 3-3-1467 B., bears N. 6° 55' E., 255.25 ft.
- Cor. No. 1, Sur. No. 2568 B., Ida mill site of this survey, bears N. 1° 23.3' W., 2606 ft.
- Cor. No. 1, Sur. No. 2568 A., Ida lode bears N. 14° 57.5' W., 23293.1 ft.
- The W. 1/4 Cor. to Sec. 6, T. 4 S., R. 14 E., G. & S. R., D.M. bears N. 48° 09.4' E., 4291.8 ft.
- Thence S. 8° 55' W.
- 353.25 To Cor. 2-4 Sur. No. 1467 B., Centurion and Bishop mill sites.
- 375.12 To center of Phoenix & Eastern R.R., course N. 58° 55' W. and S. 56° 55' E.
- 502.05 To Witness Corner to Cor. No. 2; a pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth, scribed W.C. 2-2568 B.
- 580.0 To right bank of Gila ^{River} about 275 ft. wide, course N. 59° W.
- 699.75 To Cor. No. 2, not set as it falls in the Gila River, and is identical with Cor. No. 3, Sur. No. 1467 B. Bishop M.S.; whence W.C. to Cor. No. 2, bears N. 8° 55' E., 197.7 ft.
- Thence N. 81° 05' W.
- From true corner point.
- 50.0 To Cor. No. 3, not set as it falls in the Gila River; whence witness to Cor. No. 3 bears N. 8° 55' E., 197.7 ft.

Feet.

Thence N. 5° 55' E.

From true corner point.

- 139.0 To right bank of Gila River, course N. 59° W.
- 197.7 To Witness Corner to Cor. No. 3; a pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth, scribed W.C. 3-2568 B.; whence a cross (X) and B.R. W.C. 3-2568 B. chiseled on a granite stone showing 3 x 2 x 1 ft. above the ground, bears N. 65° 20' W., 29.5 ft.
- 347.0 To center of Phoenix & Eastern R.R., course N. 56° 55' W. and S. 58° 55' E.; whence the center of east end of Iron R.R. Bridge No. 119 bears N. 58° 55' W., 55.3 ft.
- 699.75 To Cor. No. 4, identical with S.W. Cor. Copper Nugget ^{No. 2} M.S., unsurveyed, not set as it falls in bed of Mineral Creek, where it is impracticable to set a corner; Witness Corner to Cor. No. 4, identical with Cor. No. 1 of this survey, bears S. 81° 05' E., 50 ft.
- Thence S. 81° 05' E.
- From true corner point.
- 50.0 To bank of Mineral Creek, course S. 9° W.
- 50.0 To Cor. No. 1, the place of beginning.

MESA HILL SITE:

Beginning at Cor. No. 1, identical with Cor. No. 4, Cor. No. 1467 B., Recter M.S.; a pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground with mound of earth, scribed 4-1467 B. and 1-2568 B.; whence Cor. No. 1, Sur. No. 2568 A., Mesa Iode, bears N. 21° 41.1' W., 22151.3 ft.; The W. 1/4 Cor. to Sec. 6, T. 4 S., R. 14 E., G. & S. R. B. & M., bears N. 56° 00.1' E., 1767.3 ft.

Thence S. 8° 55' W.

- 466.5 To Cor. No. 2, identical with Cor. No. 1 Bonanza M.S., Sur. No. 2570 B. a pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground,

Feet.

with mound of earth, scribed 2-2568 B.

Thence N. 81° 05' W.

466.5 To Cor. No. 3, identical with Cor. No. 2, Sur. No. 1467 B. Gladiator M.S.; Cor. No. 2, Sur. No. 2571 B., Dioryte M.S. and Cor. No. 4 Bonanza M.S., Sur. No. 2570 B.

A pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth, scribed 2-1467 B., 2-2571 B., and 3-2568 B.; a Palo Verde, 7 ins. dia., blazed and scribed B. T. 3-2568 B., bears S. 48° 10' W., 25.4 ft.

Thence N. 8° 55' E.

466.5 To Cor. No. 4, identical with Cor. No. 3, Sur. No. 1467 B., Rector M.S.; Cor. No. 1, Sur. No. 2571 B., Dioryte M.S. and the S.E. Cor. Green Dragon M.S., unsurveyed; A pine post 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of earth, scribed 3-1467 B., 1-2571 B. and 4-2568 B.

Thence S. 81° 05' E.

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

AREA:

Total and net area of Orion lode,	20.661 Acres,
" " " " " Ida "	20.661 "
" area of Mesa lode,	20.661 Acres,
Less area in conflict with Sur. No. 1467 A., York lode, not claimed, <u>2.757</u> "	
Net area of Mesa lode,	<u>17.904</u> "
Total net area of lode claims,	59.226 acres.

<u>AREA CONTINUED:</u>	(Lodes)	59.226 acres.
Total & net area of Orion H.S.,	4.996 acres,	
" " " " " Ida " "	4.193 "	
" " " " " Ida No.2 H.S.,	0.003 "	
" " " " " Mesa H.S.,	<u>4.996</u> "	<u>14.988</u> "
Net Area of Survey No. 2566 A. & B.		74.214 "

IMPROVEMENTS:

I certify that the value of the labor and improvements upon this claim, placed thereon by the claimant and its grantors, is not less than fifteen hundred dollars, and that said improvements consist of:-

ON THE ORION LODE:

- No. 1 Disc. Shaft, 4 x 6 ft., 9 ft. deep, value, \$70.00
The center of which bears S. 11° 10' E.
300 ft. from N. center end of lode line.
- No. 2 Shaft 6 x 8 ft. 65 ft. deep, value, 650.00
the center of which bears S. 48° 45' E.
348 ft. from Cor. No. 3.
- No. 3 Drill Hole, 9 ins. Dia., 295 ft. deep, value 885.00
the center of which bears S. 6° 12' W.,
549 ft. from Cor. No. 4.
- No. 4 Drill Hole, 9 ins. Dia., 515 ft. deep, value, 1890.00
the center of which bears S. 4° 06' W.,
186 ft. from Cor. No. 4.

ON THE IDA LODE:

- No. 1 Disc. Shaft, 4 x 6 ft. 10 ft. deep, value 80.00
the center of which bears N. 11° 10' W.,
54 ft. from the S. center end of lode line.
- No. 2 Shaft, 4 x 8 ft., 58 ft. deep, value, 580.00
the center of which bears N. 11° 10' W.,
9 ft. from the S. center end of lode line.

Carried Forward,..... \$ 4155.00

Brought Forward,\$4155.00

ON THE MESA LODGE:

No. 1 Disc.Cut, 4 x 6 ft., 30 ft. long, value, 100.00
course of cut N. 11° 10' W., the S. end
of which bears N. 11° 10' W., 11 ft.
from the S. center end of lode line.

No. 2 Tunnel, 4 x 6 ft., 18 ft. long, value, 155.00
course of Tunnel N. 11° 10' W., the mouth
of which bears N. 11° 10' W., 41 ft.
from the S. center end of lode line.

No. 3 Shaft, 4 x 6 ft., 45 ft. deep, value, 440.00
the center of which bears S.
24° 38' E. 753 ft. from the
N. center end of lode line. _____ \$

Total Value of Improvements,\$4850.00 ✓

ADJOINING CLAIMS TO LODGE:

North: Bishop lode, Sur. No. 1467 A. and Parson lode Sur.No.1244.
East: Ray lode, Sur. No. 1244.
South: Copper Bottom lode, Sur. No. 1244.
West: York lode, Sur. No. 1467 A. Ray Consolidated Copper
Company owner of them all; also on the South the Eaden lode, unsur-
veyed, Arthur Foreman, et al, owners.

ADJOINING CLAIMS TO HILLSITES:
ORION HILL SITE

North: Unsurveyed land, unknown.
East: Copper Carbonate N.S., unsurveyed.
South: Grenadier N.S., unsurveyed,
West: Copper Ragget N. S. "

Ray Consolidated Copper Company owner of
Hill Sites Noted.

ADJOINING MILL SITES---CONTINUED.I D A M I L L S I T E:

North: Copper Nugget M.S., unsurveyed,

East: Grenadier M.S. unsurveyed.

South & West by unsurveyed land, unknown.

Ray Consolidated Copper Co., owner of Mill Sites noted.

I D A N O. 2 M I L L S I T E:

North: Copper Nugget No. 2 M.S., unsurveyed.

East: Centurion & Bishop M.S. Sur. No. 1467 B.

South: By Gila River, unsurveyed.

West: By Mineral Creek, unsurveyed.

Ray Consolidated Copper Co. owners of Mill Sites noted.

M E S A M I L L S I T E:

North: Rector M.S., Sur. No. 1467 B.

East: Unsurveyed land, unknown.

South: Bonanza M.S., Survey No. 2570 B.

West: Dioryte M.S., Sur. No. 2571 B.

Ray Consolidated Copper Co. owners of Mill Sites noted.

L O C A T I O N:

This survey is situated in Mineral Creek (unorganized) Mining District, Pinal County, Arizona. The lode claims are in the central part of unsurveyed T. 3 S., R. 15 E., G. & S. R. B. & M.

The Mill Sites are in the N.E. part of unsurveyed T. 4 S., R. 15 E., G. & S. R. B. & M.

All corners of this survey are identical with their respective location corners.

References given to bearing objects when available.

Magnetic Variation: 14° East at all corners.

I N S T R U M E N T:

This survey was made with a W. & L. E. Gurley Mining Transit, with Solar attachment.

The courses were deflected from the true meridian as determined by direct solar observations.

Distances were measured with a 300 ft. steel tape.

Note: The discrepancies between the field notes of this survey and the field notes of Mineral Surveys Nos. 1244 and 1467 A., are due to errors in the latter surveys.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Harry V. Wheeler

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 Ray Consolidated

Copper Company

known as the Orion, Ida & Mesa Mining Lode Claims, and the Orion, Ida, Ida No. 2 & Mesa Mill Sites.

and showing the respective capacities in which they acted.

Earl E. Barnowdale, Chainman.

Ray M. Hickey, Chainman.

....., Axman.

....., Flagman.

FINAL OATHS OF ASSISTANTS.

We, Earl E. Barnowdale & Ray M. Hickey

and, do solemnly swear that we assisted Harry V. Wheeler

....., United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Ray Consolidated Copper Company,

known as the Orion, Ida & Mesa Lode Claims & Orion, Ida, Ida No. 2 & Mesa Mill Sites.

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.

Earl E. Barnowdale, Chainman.

Ray M. Hickey, Chainman.

....., Axman.

....., Flagman.

Subscribed and sworn to by the above-named persons before me this 23rd

day of May, 1908

My commission expires June 30, 1912

J. J. Calver
Notary Public

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Harry V. Wheeler, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Territory of Arizona, dated August 5th, 1908, 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 Ray Consolidated Copper Company, known as the Orion, Ida & Lena Lode Claims & Orion, Ida, Ida No. 2 & Lena Hill Sites, situate in Mineral Creek (unorganized) Mining District, Final County, Arizona, in Section Lodes in unsurveyed Township No. 3 S., Range No. 13 East, Hill Sites in unsurveyed 4 South, 13 East and designated as Survey No. 2568 A. & P., 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.

Harry V. Wheeler
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Harry V. Wheeler
U. S. Mineral Surveyor, before me J. J. Coleman
a Notary Public this 20th
day of Aug, 1908

J. J. Coleman
Notary Public

My commission expires June 1st 1912

Affidavit of Five Hundred Dollars Improvements.

We, J. H. Davis and W. J. Buncher

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Orion, Ida & Rosa mining claim, situate in Pinel Creek (unsurveyed) Mining district, Pinel County, Arizona Territory, for which Ray Consolidated Copper Company,

have made application for survey prior to application for patent under the provisions of the act of Congress, approved May 10, 1872; and that the labor done and improvements made thereon by the applicant and its grantors exceed ^{FIFTY} ~~Five~~ ^{Five} Hundred Dollars in value, and further that we are not personally interested in said mine.

J. H. Davis
W. J. Buncher

TERRITORY OF ARIZONA, }
County of Pinel } ss:

Sworn to and subscribed before me, this 28th



day of Aug, 1908

J. D. Calerman
Notary Public

27669b1m2-07

My commission expires June 5th, 1912

2568

Notice of Mining Location

Quartz Claim.

To All Whom It May Concern:

This mining claim the name of which is the Orion Mining Claim, situated on land belonging to the United States of America and in which are valuable mineral deposits was entered upon and located for the purpose of exploration and purchase by Fredrick E. Wilson, the undersigned on the fifteenth day of December 1898

The length of the claim is 1500 feet and I claim 300 feet on each side of the discovery shaft(at which this notice is posted,) lengthwise of the claim. The general course of the lode deposit and premises is from the Northerly to the Southerly.

The claim is located and situated in Mineral Creek Mining District in Pinal County; in the Territory of Arizona, about 1500 feet in a Westerly direction from the Ray Mill in Mineral Creek, Pinal County, A. T.

The surface boundaries of the claim are marked upon the ground as follows- Beginning at a monument of Stones which is the N. W. corner of the Ray Mine, thence West 300 feet to the S. W. corner of the Parson Mine which is a point in a Northerly direction 300 feet from the discovery shaft at which this notice is posted and is in the center of the north end line of said claim: thence West 300 feet to a monument of Stones being the North West corner of said claim; thence South 750 feet to a monument of Stones at the center of the West side line of said claim: thence South 750 feet to a monument of stones being at the South West corner of said claim: thence 300 feet East to a monument of stones at center of the South end of said claim; thence East 300 feet to a monument of stones being at the South East corner of said claim; thence North 750 feet to a monument of stones being at the center of the East side line of thence North 750 feet to a monument of stones at the North East corner of said claim, thence West 300 feet to the place of beginning.

All done under the provisions of Chapter Six of Title XXXII of the revised Statutes of the United States and of an Act of the General Assembly of Arizona entitled " An Act Concerning Mines" Approved March 20th 1895.

Dated and posted on the ground this fifteenth day of December 1898

F. E. Wilson.

Filed and recorded at request of F. E. Wilson on the 9th day of March A. D., 1899 at one o'clock P.M.

F. A. Chamberlain.

Recorder.

Recorded in Book 15 of Mines at page 426.

Notice of Location.

Quartz Claim.

To all whom it may concern;

This Mining Claim, the name of which is the Ida Mining Claim, situated on lands belonging to the United States of America and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by Albert Steinfield the undersigned on the 5th., day of March 1899.

The length of the claim is 1500 feet, and I claim 1480 feet in a Northerly direction and 20 feet in a Southerly direction from the center of the discovery shaft at which this notice is posted, lengthwise of the claim together with 300 feet in width of the surface grounds on each side of the center of said claim. The general course of the lode deposit and premises is from the North to the South.

This claim is situated and located in the Mineral Creek Mining District, in Pinal County in the Territory of Arizona, about 1850 feet in a Westerly direction from the Ray Mill in Mineral Creek & 300 feet from the N. W. Corner of the Copper Bottom Mine.

The surface boundaries of the claim are marked upon the ground as follows; Beginning At a monument of stones at a point in a Southerly direction 20 feet from the discovery shaft (at which this notice is posted) being in the center of the South end lines of said claim: thence Easterly 300 feet to a Monument of stones being the S. East corner of said claim: thence Northerly 750 feet to a Monument of stones at the center of the East side line of said claim: thence Northerly 750 feet to a Monument of stones being at the N. East corner of said claim: thence Westerly 300 feet to a Monument of stones at the center of the North end of said claim: thence Westerly 300 feet to a Monument of stones being at the N. West corner of said claim: thence Southerly 750 feet to a Monument of stones being at the center of the West side line of said claim; thence Southerly 750 feet to a monument of stones at the S. West corner of said claim; thence Easterly 300 feet to the place of beginning.

All done under the provisions of Chapter Six of Title XXXII of the Revised Statutes of the United States and of an act of the General Assembly of Arizona, entitled; " An Act Concerning Mines" approved March 20- 1895.

Dated and posted on the ground this 5th., day of March 1899.

Albert Steinfeld

Locater.

Witness:

J. N. Curtis.

Filed and Recorded at request of Albert Steinfeld on the 1st., day of May A. D. 1899, at 10 A. M.

F. A. Chamberlain, Recorder.

By Thos G. Peyton, Deputy.

Recorded in book 15 of Mines at page 579

Notice of Location

Quartz Claim.

To all whom it may concern:

This mining claim, the name of which is the Mesa Mining claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by Albert Steinfeld, the undersigned, on the 5th., day of March, 1899.

The length of the claim is 1500 feet, and I claim 1478 feet in a Northerly direction and 22 in a Southerly direction from the center of the discovery shaft at which this notice is posted, lengthwise of the claim together with 300 feet in width of the surface grounds on each side of the center of said claim: The general course of the lode, deposit and premises is from the North to the South.

This claim is located and situated in the Mineral Creek Mining District, in Pinal County, in the Territory of Arizona, about 2450 feet in a westerly direction from the Ray Mill in Mineral Creek.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a Monument of stones at a point in a Southerly direction Twenty two feet from the discovery shaft (at which this notice is posted) being in the center of the South end line of said claim: thence Easterly 300 feet to a Monument of stones being the S. East corner of said claim: thence Northerly 750 feet to a Monument of stones at the center of the East side line of said claim thence Northerly 750 feet to a Monument of stones being at the N. East corner of said claim: thence Westerly 300 feet to a Monument of stones at the center of the North end of said claim: thence Westerly 750 feet to a Monument of stones being at the N. West corner of said claim: thence Southerly 750 feet to a Monument of stones being at the center of the West side line of said claim: thence Southerly 750 feet to a Monument of stones at the S. West corner of said claim: thence Easterly 300 feet to the place of beginning.

All done under the provisions of Chapter Six of Title XXXII of the Revised Statutes of the United States, and of an act of the General Assembly of Arizona, entitled, (H An ACT Concerning Mines " approved March 20- 1895.

Dated and posted on the ground this 5th., day of March, 1899.

Albert Steinfeld,

Locator

Witness:

J. H. Curtis.

Filed and Recorded at request of Albert Steinfeld on the 1st., day of May, A. D. 1899 at 10 A. M.

F. A. Chamberlain

Recorder

By Thos G. Peyton, Deputy.

Recorded in book 15 of Mines at page 581.

15 →

Location Notice
of
The Orion Mill Site Claim.

Know all men by these presents: That I, Seline M. Franklin the undersigned, have this day located a Mill Site for the purpose of erecting suitable works for reducing the ores of the Orion Mining Claim, situated in the Mineral Creek Mining District, Pinal County, Arizona Territory. The exterior boundaries of said Orion Mill Site Claim are as follows viz:

Commencing at a monument of stones surrounding a stake at the Northeast corner of claim, and running thence in a westerly direction four hundred and ^{six} and five tenths feet (466.5) to a stake surrounded by a mound of stones at the Northwest corner of claim, thence in southerly direction four hundred and sixty six and five tenths (466.5) feet to a stake surrounded by a mound of stones at the Southwest corner of claim, thence in an easterly direction four hundred and sixty six and five tenths (466.5) feet to a stake surrounded by a mound of stones at the Southeast corner of claim, thence in a northerly direction four hundred and sixty six and five tenths (466.5) feet to a stake surrounded by a mound of stones at the Northeast corner of claim and place of beginning.

This location maybe more generally described as being situated about five (5) miles southerly from the Bay Mine, and about two (2) miles ^{west} in a Northerly direction from Riverside.

Dated on the ground this 15th., day of Dec., 1899.

S. M. Franklin.

WITNESS:
Jas Gamble Jr.

Filed and recorded at request of S. M. Franklin on the 9th., day of Febuary A. D. 1900, at 9 A. M.

F. A. Chamberlain.
Recorder
by Thos. G. Poyton
Deputy.

Recorded in book 6 of Miscellaneous at page 279.

Handwritten marks at the bottom left corner.

Location Notice.
of
The Ida Mill Site.Claim.

Know all men by these presents: That We, The Ray Mines Company the undersigned, have this day located a Mill site for the purpose of erecting suitable works for reducing the ores of the Ida Mining Claim, situated in the Mineral Creek Mining District, Pinal County, Arizona Territory. The exterior boundaries of said Ida Mill-site Claim are as follows, viz:

Commencing at a stake surrounded by a mound of stones at the North east corner of claim, and running thence in a westerly direction $391\frac{1}{2}$ feet to a stake surrounded by a mound of stones at the North west corner of claim; thence in a southerly direction $466\frac{1}{2}$ feet to a stake surrounded by a mound of stones at the South west corner of claim; thence in a easterly direction $391\frac{1}{2}$ feet to a stake surrounded by a mound of stones at the South east corner of claim; thence in a northerly direction $466\frac{1}{2}$ feet to a stake surrounded by a mound of stones at the North east corner of claim and place of beginning, and containing $4\frac{2}{10}$ acres.

This location maybe more generally discribed as being situated about five (5) miles southerly from the Ray Mine and about two (2) miles in a North wasterly direction from Riverside.

Dated on the ground this 29th., day of Jan., 1900.

The Ray Mine Company.

Witness.

by Selim H. Franklin.

Jas Gamble Jr.

Filed and recorded at request of S. H. Franklin on the 9th., day of Febuary, A. D 1900 at 9 A. M.

F. A. Chamberlain, Recorder.

by Thos. G. Peyton Deputy.

Recorded in book six of Miscellaneous at page 281.

Location Notice
of
The Ida Number two Mill Site Claim.

Know all men by these presents, That we, The Ray Mines Co, t the undersigned, have this day located a mill site to be known as the Ida NO. 2 Mill site, for the purpose of erecting suitable works for reducing the ores of the Ida Mining Claim situated in the Mineral Creek Mining District, Pinal County, Arizona Territory.

The exterior boundaries of said Ida No. 2 Mill site Claim are as follows, viz:

Commencing at a stake surrounded by a mound of stones at the Northeast corner of claim, and running thence 50 feet in a westerly direction to a stake surrounded by a mound of stones at the Northwest corner of claim; thence in a southerly direction 699 $\frac{3}{4}$ feet to a stake surrounded by a mound of stones at the Southwest corner of claim; thence in an easterly direction 50 feet to a stake surrounded by a mound of stones at the southeast corner of claim; thence in a Northerly direction 699 $\frac{3}{4}$ feet to a stake surrounded by a mound of stones at the Northeast corner of claim, and place of beginning, and containing $\frac{8}{10}$ acres.

This location maybe more generally described as being situated about five miles in a southerly direction from the Ray Mine and about 2 miles in a north westerly direction from Riverside.

This is an additional Mill site for said Ida Mining Claim; the first Mill-site containing less than five acres to-wit, ~~4~~ $\frac{4}{10}$ acres and no more; and this present Mill site conering $\frac{8}{10}$ acres; making a total of five acres. Dated on the Ground this 29th day of Jan., 1900.

The Ray Mines Company,
by Selim M. Franklin, Agt.

Witness Jas Gamble Jr.

Filed and recorded at request of S. M. Franklin on the 9th day of February A. D. 1900; at 9 A. M.

F. A. Chamberlain, Recorder
by Thos G. Peyton Deputy.

Recorded in book 6 of Miscellaneous at page 282

PT →

Notice of Mill Site Claim.

Notice is hereby given that I, the undersigned, Selim M. Franklin, have on this 18th day of September, 1899, located five (5) acres of this non-mineral land as a Mill Site, to be known as the Mesa Mill Site, being situate in the Mineral Creek Mining District, Pinal County, Arizona Territory, about six miles southerly from the Day Mine, and about two miles northerly^{with} from Riverside, said Mill Site to be an appurtenant to the Mesa Mine in the said Mining District, and being more particularly described as follows:-

Commencing at a stake surrounded by a small mound of stones at the Southwest corner of said Mill Site, on which this notice is posted; thence northerly four hundred and sixty six and five tenths (466.5) feet, to a stake surrounded by a small mound of stones thence easterly four hundred and sixty six and five tenths (466.5) feet, to a stake surrounded by a small mound of stones; thence southerly four hundred and sixty six and five tenths ~~feet~~ (466.5) feet, to a stake surrounded by a small mound of stones; thence westerly four hundred and sixty six and five tenths (466.5) feet to a stake surround^d by a small mound of stones, the place of beginning.

Dated on the ground this 18th day of September, 1899.

Selim M. Franklin.

Witness

Nat L. Mayo.

Filed and recorded at request of Selim M. Franklin on this 25 day of September, A. D. 1899. at 10 A. M.

F. A. Chamberlain.

Recorder.

Recorded in book 6 of Miscellaneous at page 159.

Territory of Arizona, }
County of Pinal. } ss.

I, H. F. Watson, County Recorder in and for the County of Pinal, Territory of Arizona, do hereby certify that the foregoing Location Notices of the Orion Lode and Mill-Site, Ida Lode and Millsite, Ida No.2, Mill-Site and Mesa Lode and Mill-Site claims are a full, true and correct copy of the same as they appear of record in this office in Book No. ~~14~~ 15 Records of Mines at pages ~~426,~~ 579, & 581 and in Book No. 6 of Miscellaneous Records at pages 159, 282, 281, 279.

Witness my hand and seal of office this 28th day of July, A. D. 1908

.....*H. F. Watson*.....
Recorder.

U. S. SURVEYOR GENERAL'S FINAL CERTIFICATE ON 29
FIELD NOTES.

DEPARTMENT OF THE INTERIOR,

OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

October 13, 1908.

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 Ray Consolidated Copper Co.

, known as the ORION, IDA and MESA lode claims, and the
ORION, IDA, IDA NO. 2, and MESA mill sites,
situate in Mineral Creek

Mining District, Pinal County,

Arizona, Lodes in unsurveyed
in Section, Township No. 3 S.,
Mill sites in unsurveyed T. 4 S.,

Range No. 13 E., and designated as Survey
" " 13 E.
No. 2562 A. & B.,

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 ^{each of} said mining claim^s by claimant or its grantors, and
that said improvements consist of 5 shafts, 1 tunnel, 1 cut and 2 drill
holes, total value \$4850.

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 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,

October 13, 1908

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 Ray Consolidated Copper Co.

known as the ORION, IDA and MESA lode claims, and the ORION, IDA, IDA NO. 2, and MESA mill sites,

situate in Mineral Creek (unorganized) mining district,

Pinal County, Arizona

Lodes in unsurveyed in Section 3 S., Range No. 13 E. Mill sites in unsurveyed T. 4 S., " 13 E. designated as Survey No. 2568 A. & B.

executed by Harry V. Wheeler, U. S. Deputy Mineral

Surveyor, August 15-19, 1908, under my instructions dated

August 5, 1908, 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.

Handwritten signature of Frank S. Dugan

U. S. Surveyor-General for Arizona.

MINERAL SURVEY NO. 2568 A & B

Claims (Lodes)	M & B Desc.	Improvements	Loc. Notices
Ida	Pg. 2	Pg. 10	Pg. 2
Mesa	3	11	3
Orion	1	10	1
Millsites			
Ida	6		5
Ida No. 2	7		6
Mesa	8		7
Orion	5		4