

Not approved
Repayment made to claimant.

JUL 1-1912

(4-683.)

Mineral Survey No. 2976

Lot No.

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

P.B.Purcell, Jr. and J.H.Wussow, Trustee.

KNOWN AS THE

Washington No.1, Washington No.2, Washington No.3, Purcell No.6,
Purcell No.7, Purcell No.9, Water Edge No.2,

Papago Mining District,

Pima County, Arizona

Unsurveyed.

Sections 12 and 13, Township 18 South, Range 10 East,

Surveyed under instructions dated February 29, 1912.

by Paul E. Fernald,

U. S. Deputy Mineral Surveyor

Claim located (see location notices) 1

Survey commenced May 11, 1912. 1

Survey completed May 25, 1912. 1

o 6-1912

P.O. Address of Claimant:-

J.H.Wussow, Trustee,
269 Broadway,
Milwaukee, Wis.

Survey No. 2976.

81.88 Washington No. 2 Lode,
 Beginning at Cor. No. 1, identical with the S.W. Cor. Purcell
 No. 4 Lode, unsurveyed.
 A pine post, 5 1/2 ft. long, 4 in. sq., set 1 1/2 ft. in ground, with
 mound of stones, scribed: - 2976, 1-Washington-2.
 2-Purcell-4.
 Whence: - the W. 1/4 Cor. of Sec. 7, T 18 S, R 11 E, G. & S. R. M. 1
 bears S 69° 29' E, 1043.69 ft.
 the W.C. to the N.W. Cor. of Sec. 7, T 18 S, R 11 E,
 G. & S. R. M., bears N 23° 22' E, 2431.84 ft.
 the S.E. Cor. of Purcell No. 4 Lode, unsurveyed, ident -
 ical with the S.W. Cor. of Purcell No. 1 Lode, unsurveyed,
 and the N.W. Cor. Purcell No. 2 Lode, unsurveyed, bears N 41°
 30' E, 390.91 ft.
 the N.W. Cor. of Purcell No. 5 Lode, unsurveyed, bears
 S 53° 46' W, 182.73 ft.
 thence S 41° 30' W.

112.30 To Cor. NO. 1, Washington No. 1 Lode, this survey, hereinafter
 described.

199.99 Intersects W. side Purcell No. 5 Lode, unsurveyed, S 19° 35' E,
 44.37 ft. from the N.W. Cor.

307.73 South end center this claim, monument of stone 3 ft. high
 with 4 ft. base.

465.48 VN. End Center Washington No. 1 Lode, this survey, hereinafter
 described.

615.45 To Cor. No. 2,
 A pine post, 5 1/2 ft. long, 4 in. sq., set 1 1/2 ft. in ground, with
 mound of stones, scribed: - 2976, 2-Washington-2.
 thence N 35° 38' W

273.00 Intersects small gulch running S.W.
 1318.00 " " " " S.W.

1500.00 To Cor. No. 3, identical with the S.W. Cor. Virginia Lode, unsur-
 veyed.
 A pine post, 5 1/2 ft. long, 4 in. sq., set 1 1/2 ft. in ground, with
 mound of stones, scribed 2976, 3-Washington-2.
 3-Virginia.
 Whence: - the S.E. Cor. of Consort No. 1 Lode, unsurveyed, bears

3-17-1917

Survey of the S.E. Co. of Colorado No. 1 Road, Survey No. 2955

ANA 52°44'W, 3876.54 ft.

1200.00 To Cor. No. 2, identical with the N.W. Cor. Purcell No. 4 Lode, unsurveyed.

Thence N 41°30'E

1218.00

300.60 South end center Virginia Lode, unsurveyed, monument of stone 3 ft. high, 4 ft. base.

307.72 North end center this claim - monument of stones 3 ft. high 4 ft. base.

601.20 South East Corner Virginia Lode.

615.45 To Cor. No. 4, identical with the N.W. Cor. Purcell No. 4 Lode unsurveyed.

432.48 A pine post, 5 1/2 ft. long, 4 in. sq., set 1 1/2 ft. in ground with mound of stones, scribed 2976, 4-Washington-2.

3-Purcell-4.

201.32 Whence: - the N.W. Cor. of Progressive Lode, unsurveyed, bears N 4°3'W, 1255.05 ft.

130.33 Cor. No. 2, Water Edge No. 1 Lode, Survey No. 2955,

bears N 41°30'E, 263.27 ft.

113.00 To Cor. No. 1, identical with the N.W. Cor. Purcell No. 4 Lode, unsurveyed.

thence S 35°38'E.

1022.00 Intersects branch road to tunnel.

1410.00 Intersects main road.

1473.08 Intersects N. end line of Purcell No. 5 Lode, N 45°24'E, 184.98 ft. from the N.W. Cor.

1500.00 To Cor. No. 1, the place of beginning.

Washington No. 1 Lode.

Beginning at Cor. No. 1

A pine post, 5 1/2 ft. long, 4 in. sq., set 1 1/2 ft. in ground with mound of stones, scribed 2976, 1-Washington-1.

Whence: - the W. 1/4 Cor. of Sec. 7, T 18 S, R 11 E, G. & S. R. M.

S 75°0 1/2'E, 1088.97 ft.

the N.W. Cor. of Purcell No. 5 Lode, unsurveyed, bears S 71°53'W, 76.79 ft.

Thence S 41°30'W.

87.69 Intersects the W. side line of Purcell No. 5 Lode, unsurveyed

Survey No. 2976, continued.

Washington No. 1 Lode, continued.

N 19°35'W, 1455.63 ft from the S.W. Cor.

- 195.43 South end center Washington No. 2 Lode, this survey.
- 353.18 North end center this claim -- monument of stones 3 ft. high, 4 ft. base.
- 503.15 Cor. No. 2, Washington No. 2 Lode, this survey.

706.35 To Cor. No. 2.
 A pine post, 5½ ft. long, 4 in. sq., set 1½ ft. in ground, with mound of stones, scribed 2976, 2-Washington-1.
 Whence:- the top of Baboquivari Peak bears S 68°15'W.

gap - S. side of top Sugar Loaf Mt. bears S 59°17'W.

thence S 16°39'E

843.00 Middle Ash Canon, 50 ft. wide, running W.

1500.00 To Cor. No. 3.
 A pine post, 5½ ft. long, 4 in. sq., set 1½ ft. in ground, with mound of stones, scribed 2976, 3-Washington-1.
 Whence:- Cor. No. 3, Washington No. 3 Lode, this survey hereinafter described, bears N 0°18'W, 275.27 ft.

thence N 41°30'E.

6.69 Intersects line 2-3, Washington No. 3 Lode, this survey, S 1°15'E, 268.92 ft. from Cor. No. 3.

353.17 To S. end center - monument of stones 3 ft. high, 4 ft. base.

659.00 Middle Ash Canon, 50 ft. wide, running N.W.

706.35 To Cor. No. 4, identical with Cor. No. 2, Purcell No. 5 Lode, unsurveyed

A pine post, 5½ ft. long, 4 in. sq., set 1½ ft. in ground with mound of stones, scribed 2976, 4-Washington-2.
 Whence:- the S.W. corner of Cor. No. 4, Purcell No. 5.

thence N 16°39'W.

37.71 Intersects line 3-4, Washington No. 3 Lode, this survey, N 57°35'E, 543.36 ft. from Cor. No. 3.

589.00 Small gulch running S.

656.00 Road running south.

1329.00 Branch road running S.W. to shafts.

1500.00 To Cor. No. 1, the place of beginning.

----- * -----

1200'00

1332'00

022'00	<u>Washington No.3 Lode.</u>
293'00	Beginning at Cor.No.I, on W.side line Purcell No.II Lode, unsurveyed, N 1°15'W, 657.44 ft.from the S.W.Cor.
24'3	A pine post, 5½ ft.long, 4 in.sq.,set 1½ ft.in ground, with mound of stones, scribed:- 2976, 1-Washington-3.
	Whence:- the S.W.Cor.of Sec.7, T 18 S, R II E, G.& S.R.M. bears S 78°52'E, 538.61 ft.
	Baboquivari Peak bears S 70°37½'W.
	thence S 57°35'W.
350.60	South End Center - monument of stone 3 ft.high, 4 ft.base.
701.20	to Cor.No.2,
	A pine post, 5½ ft.long, 4 in.sq.,set 1½ ft.in ground, with mound of stones, scribed 2976, 2-Washington-3.
	Whence:- a mesquite, marked 2976 x B.T., bears N 32°12'W, 79.15 ft.
	thence N 1°15'W
66.00	Intersects small gulch from N.E.
1239.08	Intersects line 3-4, Washington No.I Lode, this survey, S 41°30'W, 699.66 ft.from Cor.No.4.
1500.00	To Cor.No.3,
	A pine post, 5½ ft.long, 4 in.sq.,set 1½ ft. in ground, with mound of stones, scribed 2976, 3-Washington-3.
	Thence N 57°35'E
350.60	North end center, monument of stones 3 ft.high, 4 ft.base.
475.00	Middle Ash Canon, .55.ft.wide, running N.W.
541.38	Intersects the W.side line Purcell No.5 Lode, unsurveyed, N 19°35'W; 37.22 ft.from the S.W.Cor.
543.36	Intersects line 4-I, Washington No.I Lode, this survey, N 16°39'W, 37.71 ft.from Cor.No.4.
701.20	To Cor.No.4, at point 842.59, line 2-3, Purcell No.6 Lode, this survey.
	A pine post, 5½ ft. long, 4 in.sq.,set 1½ ft. in ground, with mound of stones, scribed 2976, 4-Washington-3.

Survey No. 2976, continued.

Washington No. 3 Lode, Continued.

Whence:- a mesquite, marked 2976 x B.T. bears N 5°55'W,

25.14 ft.

Cor. No. 4, Washington No. 1 Lode, this survey, identical with the S.W. Cor. Purcell No. 5 Lode, unsurveyed, bears S 145°24'W, 172.17 ft.

thence S 1°15'E

251.00 Middle Ash Canon. 50 ft. wide, running W.- N.W.

657.41 Cor. No. 3, Purcell No. 6 Lode, this survey, hereinafter described.

1269.00 Crosses small gulch running west.

1500.00 To Cor. No. 1, the place of beginning.

* * *

Purcell No. 6 Lode.

Beginning at Cor. No. 1, identical with Cor. No. 1, Water Edge No. 2 Lode, this survey.

A pine post, 5½ ft. long, 4 in. sq., set 1½ ft. in ground, with mound of stones, scribed 2976, 1-Purcell-6.

Whence:- the W. ¼ Cor. Sec. 7, T 18 S, R 11 E, G. & S.R.M. bears N 23°21'W, 207.17 ft.

thence S 89°48'W.

77.68 Intersects the W. boundary of Section 7, T 18 S, R 11 E, G & S.R.M., S 1°20'E, 190.53 ft. from the W. ¼ Cor, and N 1°20'W,

2448.58 ft. from the S.W. Cor.

300.05 North end center - monument of stones 3 ft. high, 4 ft. base.

315.00 Intersects small gulch running W.- S.W.

410.39 " the W. boundary of Purcell No. 2 Lode, unsurveyed, N 24°39'W, 564.52 ft. from the S.W. Cor.

410.39 Intersects the E. boundary of Purcell No. 5 Lode, unsurveyed. N 19°35'W, 529.62 ft. from the S.E. Cor.

600.10 To Cor. No. 2;

A pine post, 5½ ft. long, 4 in. sq., set 1½ ft. in ground, with mound of stones, scribed 2976, 2-Purcell-6.

Whence:- the S.W. Cor. Purcell No. 2 lode, unsurveyed, bears S 39°41'E, 665.81 ft.

the S.E. Cor. of Purcell No. 5 Lode, unsurveyed,

bears S 36°23'E, 618.93 ft.

300.10 thence S 1°15'E.

91.00 Intersects small gulch running west.

842.59 Cor.No.4, Washington No.3 Lode, this survey.

" Intersects the S.end line of Purcell No.5 lode, unsurveyed

S 45°24'W, 490.02 ft.from the S.E.Cor.

1092.00 Intersects middle Ash Canon, 50.ft. wide, running W - N.W.

1500.00 To Cor.No.3, identical with the N.W.Cor. Purcell No.II

Lode, unsurveyed.

A pine post, 5½ ft.long, 4 in.sq., set 1½ ft.in ground, with

mound of stones, scribed 2976, 3-Purcell-6.

3-Purcell-II.

thence N°89°48'E.

243.00 Intersects small gulch running north.

300.05 S.end center, - monument of stone 3 ft.high, 4 ft.base.

524.60 Intersects the W.boundary of Sec.7, T 18 S, R II E, G.&

S.R.M., S 1°20'E, 1690.57 ft.from the W.¼ Cor., and N 1°20'W,

948.54 ft.from the S.W.Cor.

600.10 To Cor.No.4,

Identical with Cor.No.4, Water Edge No.2 lode, this survey.

" " the N.W.Cor., Purcell No.3 Lode, unsurveyed.

" " " N.E.Cor., Purcell No.II Lode, unsurveyed.

A pine post, 5½ ft.long, 4 in.sq., set 1½ ft.in ground, with

mound of stones, scribed 2976, 4-Purcell-6.

2976, 4-Water Edge-2.

4-Purcell-3.

4-Purcell-II.

thence N 1°15'W.

504.00 Intersects middle Ash Canon, 45.ft.wide, running S.W.

1206.03 the S.end line of Purcell No.2 Lode, unsurveyed,

N 39°25'E, 285.61 ft.from the S.W.Cor.

1500.00 To Cor.No.I, the place of beginning.

Water Edge No.2 Lode.

Beginning at Cor.No.I, identical with Cor.No.I, Purcell

Survey No. 2976, cont.

Water Edge No. 2 Lode, Cont.

No. 6 Lode, this survey, previously described.

Whence:- the W. $\frac{1}{4}$ Cor. of Sec. 7, T. 18 S, R. 11 E, G. & S. R. M.
bears N 23° 21' W, 207.17 ft.

Thence N 89° 48' E

248.68 S.E. Cor. Purcell No. 2 Lode, unsurveyed.

300.05 N. end center, - monument of stones 3 ft. high, 4 ft. base.

600.10 To Cor. No. 2, identical with Cor. No. 1, Purcell No. 9 Lode,
this survey.

A pine post, 5 $\frac{1}{2}$ ft. long, 4 in. sq., set 1 $\frac{1}{2}$ ft. in ground with
mound of stones, scribed 2976, 2-Water Edge-2.
2976, 1-Purcell-9.

Whence:- a mesquite, marked 2976 X. B. T., bears S 14° 55' E,
11.35 ft.

thence S 1° 15' E

575.00 Intersects middle of Ash Canon, 40 ft. wide, running S.W.

1304.00 " small gulch, running N.W.

1500.00 To Cor. No. 3,

Identical with Cor. No. 4, Purcell No. 9 Lode, this survey.

" " N.W. Cor. Purcell No. 10 Lode, unsurveyed.

" " N.E. Cor. Purcell No. 3 Lode, unsurveyed.

A pine post, 5 $\frac{1}{2}$ ft. long, 4 in. sq., set 1 $\frac{1}{2}$ ft. in ground, with
mound of stones, scribed:- 2976, 3-Water Edge-2.
2976, 4-Purcell-9.
4-Purcell-10.
3-Purcell-3.

Whence:- a mesquite marked 2976 x B. T., bears S 14° 39' E,
9.15 ft.

thence S 89° 48' W

298.00 Intersects small gulch running north.

300.05 S. end center, monument of stone 3 ft. high, 4 ft. base.

600.10 To Cor. No. 4,

Identical with Cor. No. 4, Purcell No. 6 Lode, previously
described - this survey.

thence N 1° 15' W

504.00 Intersects middle Ash Canon, 45 ft. wide, running S.W.

- I206.03 Intersects the S.end line of Purcell No.2 Lode, unsurveyed
S 39°25'W, 381.55 ft.from the S.E.Cor.
- I500.00 To Cor.No.1, the place of beginning.
- * * *
- Purcell No.9 Lode
Beginning at Cor.No.1,
Identical with Cor.No.2, Water Edge No.2 Lode, this survey,
previously described.
- Whence:- the W. $\frac{1}{4}$ Cor.of Sec.7, T 18 S, R II E, G.& S.R.M.
bears N 74°35'W, 707.66 ft.
thence N 82°37'E
- 301.73 to N.end center, monument of stones 3 ft.high, 4 ft.base.
- 603.45 To Cor.No.2,
Identical with Cor.No.3, Purcell No.7 Lode, this survey,
A pine post, 5 $\frac{1}{2}$ ft.long, 4 in.sq., set 1 $\frac{1}{2}$ ft.in ground, with
mound of stones, scribed 2976, 2-Purcell-9,
2976, 3-Purcell-7.
- Whence:- the W. $\frac{1}{4}$ Cor.of Sec.7, T 18 S, R II E, G.& S.R.M.
bears N 85°4'W, 1285.41 ft.
thence S 1°15'E
- 207.00 Intersects middle Ash Canon, 40.ft.wide, running S.W.
- I350.00 Intersects small gulch running W.
- I500.00 To Cor.No.3.
Identical with Cor.No.2, Purcell No.7 Lode, this survey,
" " N.W.Cor., Purcell No.8 Lode, unsurveyed,
" " N.E.Cor., Purcell No.10 Lode, unsurveyed,
A pine post, 5 $\frac{1}{2}$ ft.long, 4 in.sq., set 1 $\frac{1}{2}$ ft.in ground, with
mound of stones, scribed 2976, 3-Purcell-9.
2976, 2-Purcell-7.
3-Purcell-8.
3-Purcell-10.
thence S 82°37'W.
- 53.00 Intersects small gulch running N.W.
- 301.72 S.end center, monument of stone 3 ft.high, 4 ft.base.
- 603.45 to Cor.No.4,, identical with Cor.No.3, Water Edge No.2

Survey No. 2976, Continued.

Purcell No. 9 Lode, Continued.

Lode, previously described.

thence N 1°15'W

- 196.00 Intersects small gulch running N.W.
 925.00 " middle Ash Canon, 40.ft.wide, running S.W.
 1500.00 to Cor.No.1, the place of beginning.

Purcell No. 7 Lode.

Beginning at Cor.No.1, identical with the N.E. Cor. Purcell No. 8 Lode, unsurveyed.

A pine post, 5½ ft. long, 4 in. sq., set 1½ ft. in ground, with mound of stones, scribed 2976, 1-Purcell-7.
4-Purcell-8.

Whence:- the S.¼ Cor. of Sec. 7, T 18 S, R 11 E, G. & S. R. M. bears S 8°12'E, 1117.07 ft.

a mesquite marked (2976 x B.T.) bears N 53°25'W, 30.22 ft.

Baboquivari Peak bears S 70°33'W.

Gap - S. side Sugar Loaf Mt. bears S 60°42'W

thence S 82°37'W

- 301.72 S. end center monument of stone 3 ft. high, 4 ft. base.
 603.45 To Cor.No. 2, identical with Cor.No. 3, Purcell No. 9 Lode, previously described.

thence N 1°15'W

- 150.00 Intersects small gulch running W.
 1293.00 " middle Ash Canon, 40.ft. wide, running S.W.
 1500.00 To Cor.No. 3, identical with Cor.No. 2, Purcell No. 9 Lode, previously described.

thence N 82°37'E

- 301.73 To N. end center, monument of stone 3 ft. high, 4 ft. base.
 434.00 Intersects branch of Ash Canon, 40.ft. wide, running S.
 603.45 To Cor.No. 4.

A pine post, 5½ ft. long, 4 in. sq., set 1½ ft. in ground, with mound of stones, scribed 2976, 4-Purcell-7.

Whence:- a mesquite, scribed (2976 x B.T.) bears S 87°27'W,

45.72 ft.

gap S. side Sugar Loaf Mt. bears S 60°3'W.

thence S 1°15'E,

110.00 Intersects the Middle of N. branch Ash Canon, 40.ft.wide, running W.

405.00 Intersects the middle of S. branch of Ash Canon, 35.ft. wide, running N.W.

1500.00 To Cor.No.I, the place of beginning.

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All corners of this survey are identical with the respective corners of locations as existing on the ground.

No bearing objects available, except where specifically given in these notes.

Variation at all corners - - - - - 13°45'E.

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LODE LINES.

As near as can be determined at present state of development, the veins of the several locations embraced in this survey, extend as follows from their respective discovery points:-

Washington No.2 - N 35°38'W, 1028.ft., and S 35°38'E, 472.ft.

Washington No.1 - N 16°39'W, 556.ft., and S 16°39'E, 944.ft.

Washington No.3 - N 1°15'W, 337.ft., and S 1°15'E, 1163.ft.

Purcell No.6 - - N 1°15'W, 899.ft., and S 1°15'E, 601.ft.

Water Edge No.2 - N 1°15'W, 876.ft., and S 1°15'E, 624.ft.

Purcell No.9 - - N 1°15'W, 256.ft., and S 1°15'E, 1244.ft.

Purcell No.7 - - N 1°15'W, 300.ft., and S 1°15'E, 1200.ft.

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AREAS.

Acres.

Washington No.2 Lode, total area - - - - - 20.661

Conflict with Purcell No.5 Lode, unsvd. - - - - - 1.456

Washington No.1 Lode, total area - - - - - 20.661

Conflict with Washington No.3 Lode, this survey - - - 1.692

" " Purcell No.5 Lode, unsurveyed - - - - 1.283

Survey No.2976, Continued.

<u>AREAS, continued.</u>	Acres
Washington No.3 Lode, total area - - - - -	20.661
Conflict Purcell No.5 Lode, unsurveyed, - - - - -	0.067
Purcell No.6 Lode, total area - - - - -	20.661
Conflict Purcell No.5 Lode, unsurveyed - - - - -	4.534
Conflict Purcell No.2 Lode, unsurveyed - - - - -	3.049
Water Edge No.2 Lode, total area - - - - -	20.661
Conflict Purcell No.2 Lode, unsurveyed - - - - -	0.840
Purcell No.9 Lode, total area - - - - -	20.661
Purcell No.7 Lode, total area - - - - -	20.661

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LOCATION.

This survey is located in the E.½ of Sec.I2, and the N.E. ¼ of Sec.I3, in T 18 S, R 10 E, G.& S.R.M.,unsurveyed, in the Papago Mining District, Pima County, Arizona.

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ADJOINING AND CONFLICTING CLAIMS.

On the North:- the Purcell No.2, Purcell No.5, and Purcell No.4 Lodes, unsurveyed, owned by claimants of this survey, and the Virginia Lode, owned by Lauro Cordero, et al.

On the South:- the Purcell No.8, Purcell No.10, Purcell No.3 and Purcell No.11 Lodes, unsurveyed, owned by claimants of this survey.

* * *

IMPROVEMENTS.

I certify that the value of labor and improvements made upon, or for the benefit of, each of the locations embraced in this survey, by the claimants or its grantors, is not less than five hundred dollars (\$500.) and that said improvements consist of:-

Washington No.2 Lode

No.I, The discovery shaft, on the center line, N 35°38'W, 472.ft. from the S.End Center, is 8 x 6, 60.ft. deep.

Value - - - - - \$1440.00

No.2, A tunnel, center of mouth of which bears N 40°28'W, 340.96 ft. from the S. end center, is 4 x 6, 185.ft. long, running in irregularly in a N. by N.W. direction.

Value - - - - - \$1110.00

No.3, A shaft, center of which bears S 59°12'W, 140.60 ft. from the S. end center, is 4 x 6, 8 ft. deep.

Value - - - - - \$40.00

Washington No.1 Lode,

No.1, The discovery shaft, on center line S 16°39'E, 556.ft. from the north end center, is 5 x 7, 134.ft. deep, at slight incline to W. Is equipped with head frame, whim, ore bins.

Value - - - - - \$2345.00

No.2, A shaft, center of which bears S 11°16'W, 644.17 ft. from Cor.No.1, is 5 x 7, 60.ft. deep, inclines to W.

Value - - - - - \$1050.00

No.3, A tunnel, mouth of which bears N 35°56'W, 492.75 ft. from the S. end center, is 4 x 6, 322.ft. long, running in N.E., bending to N.W. at point 274.ft. in. From tunnel, drifts run as follows:-

- from point 78.ft. in, drift 4 x 6, 40.ft long, runs N.W. to N
- " " 116.ft. in, " " 72.ft. long, N.W. to S.W.
- " " 159.ft. in, " " 57.ft. long, N. to N.E.

at point 109., a winze, 4 x 6, 15.ft. deep.

Total value tunnel, drifts and winze. - - \$3126.00

NO.4, A shaft, the center of which bears N 18°27'W, 342.47 ft. from the S. end center, is 4 x 6, 10.ft. deep.

Value - - - - - \$50.00

Washington No.3 Lode,

No.1, The discovery shaft, on center line, 337.ft. from the north end center, is 4 x 6, 8 ft. deep.

Value - - - - - \$40.00

No.2, A shaft, center of which bears N 19°1'W, 113.55 ft. from point 658.84, line 4-1, is 4 x 6, 35.ft. deep.

Value - - - - - \$420.00

Lode, and it will be perfectly feasible, by continuing the tunnel in its present direction, to develop and extract ore from, all of the above mentioned claims. Therefore, an undivided 1/3 interest in the value of this improvement, is accredited to each of those claims. No interest in this improvement is assigned to the Purcell No.7 Lode, as development of that claim is undertaken by tunnel No.I, thereon.

Value 1/3 interest accredited to this claim - - \$565.33

No.8, A shaft, center of which bears S 35°42'E, 308.22 ft. from the N.end center, is 4 x 6, 10.ft.deep.

Value - - - - - \$50.00

No.9, A cut, center of mouth of which bears S 25°2'E, 217.48 ft.from the N.end center, is 4.ft.wide, running in E.+34.ft. to 16.ft.face, whence tunnel 4 x 6, runs off to S, 37.ft.long, with shaft at mouth of tunnel 4 x 6, 20.ft. deep.

Value - - - - - \$734.00

Water Edge No.2 Lode.

No.1, The discovery cut, on center line, 624.ft.from the S.end center, is 4.ft.wide, 13.ft.long, running S.to 10.ft face.

Value - - - - - \$40.00

No.2, A cut, the center of mouth of which bears S 7°20'W, 130.45 ft.from point 575., line 2-3, is 4 ft.wide, 11.ft. long, running S.E.- S. to 10.ft.face.

Value - - - - - \$40.00

No.3, A shaft, the center of which bears N 18°10'E, 61.88 ft. from Cor.No.4, is 5 x 5, 10.ft.deep.

Value - - - - - \$50.00

1/3 interest in tunnel No.7, Purcell No.6 Lode.

Value - - - - - \$565.33

Purcell No.9 Lode,

No.1, The discovery shaft, on center line, 256.ft. from the north end center,, is 4 ft. wide, 13.ft.long, running N. to 10.ft.face.

Value - - - - - \$40.00

Survey No. 2976, continued.

IMPROVEMENTS - Washington No. 3 Lode, Continued.

No. 3, A tunnel, center of mouth of which bears N 67°9'E,
79.52 ft. from the N. end center is 4 x 5½, 38 ft. long, run-
ning in south,

Value - - - - - \$209.00

Purcell No. 6 Lode,

No. 1, The discovery shaft, on center line, 601 ft. from S.
end center, is 4 x 6, 8 ft. deep.

Value - - - - - \$40.00

No. 2, A shaft, the center of which bears N 81°19'W, 275.84
ft. from point 504., line 4-I, is 4 x 6, 8 ft. deep.

Value - - - - - \$40.00

No. 3, A shaft, the center of which bears N 80°40'W, 253.05
ft. from point 504., line 4-I, is 4 x 6, 10 ft. deep.

Value - - - - - \$50.00

No. 4, A shaft, the center of which bears N 56°11'W, 245.88
ft. from point 504., line 4-I, is 4 x 6, 8 ft. deep.

Value - - - - - \$40.00

No. 5, A cut, center of mouth of which bears N 33°58'E,
158.22 ft. from Cor. No. 3, is 3½ ft. wide, 21 ft. long, run-
ning N.W. to 10 ft. face.

Value - - - - - \$91.00

No. 6, A cut, center of mouth, of which bears N 24°52'E,
70.89 ft. from Cor. No. 3, is 4 ft. wide, 13 ft. long, running
W. to 6 ft. face.

Value - - - - - \$25.00

No. 7, A tunnel, the center of mouth of which bears S 18°28'W,
64.11 ft. from the N. end center, is 3½ x 6, 278 ft. long,
running S.E., with cross cuts running S.W. 29 ft. and 16 ft.
respectively.

Total value - - - - - \$1696.00

Note:- As the contour of the ground is such that the
general elevation steadily increases in a S.E. direction,
from the mouth of this tunnel, the tunnel, being driven in
that direction, is intended as an improvement for the Water
Edge No. 2 and Purcell No. 9 Lodes, as well as the Purcell No. 6

IMPROVEMENTS - Purcell No.9 Lode continued .

I/3 interest in tunnel No.7, Purcell No.6 Lode,

Value - - - - - \$565.33

Purcell No.7 Lode.

No.1, The discovery tunnel, center of mouth of which is on center line, 300.00 ft. from the N.end center, is 4 x 6 $\frac{1}{2}$, 210.ft.long, running in S.and bending to S.E.at point I45. ft. in.

Value - - - - - \$1470.00

----- * * * -----

INSTRUMENT.

This survey was made with Buff Transit No.7905. The courses were deflected from the true meridian as obtained from direct solar observations. Distances were measured with 100.ft. and 300. ft. steel tapes.

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REPORT.

The side and end lines of the several claims in this survey, and all tie lines, were run directly upon the ground.

The W.C.to the N.W.Cor.of Sec.7, T 18°S, R II E, is a flat rock, scribed \equiv W.C., with mound of stones just west, whence a blazed mesquite in wash, scribed (T 18 S, R II E, Sec.6 W.C.B.T.) bears N 59°10'E, 54.67 ft.

The W. $\frac{1}{4}$ Cor.of Sec.7, T 18 S, R II E, G.& S.R.M., is a flat stone, scribed $\frac{1}{4}$ on W.side, with mound of stones 2.ft. west.

The S.W.Cor.of Sec.7, T 18 S, R II E, G.& S.R.M., is a red granite stone, marked \equiv on S.side, and $=$ on N.side, with mound of stones 2.ft.west.

The S. $\frac{1}{4}$ Cor.of Sec.7, T 18 S, R II E, G.& S.R.M., is a diorite rock, 20 x 6 x 6, scribed $\frac{1}{4}$ faintly on N side. No mound of stones near. Whence:- a mesquite marked $\frac{1}{4}$ S 7, B.T. bears N 72°20'W, 46.54 ft. second mesquite marked $\frac{1}{4}$ S 18 B.T. bears S 42°30'W, 88.48 ft.

All corners of Purcell Nos.1,2,3,4,5,8,and10 Lodes, unsurveyed, owned by claimants of this survey, are pine posts, 5 $\frac{1}{2}$ ft.long, 4 in.sq., set 1 $\frac{1}{2}$ ft.in ground, with mound of

stones,, and properly scribed with names of claims and corner numbers, relative to their position with respect to nearest section or $\frac{1}{4}$ section corner.

Corners of Virginia Lode, unsurveyed, Lauro Cordero et al, claimants, are 4x4 pine posts, 4 ft.above ground, marked with claim name and corner number.

Corners of Survey No.2955, are pine posts, $5\frac{1}{2}$ ft.long, 4 in. sq.,set $1\frac{1}{2}$ ft.in ground, with mound of stones, scribed with survey number, name of lode, and corner number.

Corners of Progressive Lode, unsurveyed, Lauro Cordero, claimant, are mounds of stone, 3 ft.high, 4 ft.base.

The S.E.Cor,.of Consort No.I Lode, unsurveyed, is a pine post, 4 in.sq.,4 ft.above ground, with mound of stones,.

NOTE:- I beg to call attention to the inconformity between the S. $\frac{1}{4}$ Cor.of Sec.7 as existing on the ground and given in these notes, and the description of same as furnished by the Surveyors Generals office, in connection with this survey. In office description, the corner is given as " Quartz, 24 x 16 x 12, with a B.T. N $71\frac{1}{2}^{\circ}$ W - 125.ft.,and a second B.T. S 43° W, 50.ft."

Tucson, Arizona.

June 6th. 1912.

Paul E. Fernald.

U.S.Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Paul E. Fernald

United States Deputy Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and boundaries described in the foregoing field notes of the survey of the mining claim of P. B. Purcell, Jr. and J. H. Wussow, Trustee

known as the Washington No. 1, Washington No. 2, Washington No. 3, Purcell No. 6, Purcell No. 7, Purcell No. 9, Water Edge No. 2.
and showing the respective capacities in which they acted.

- Harry A. Collins, Chainman.
- Lauro Cordero, Chainman.
- _____, Axman.
- _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, Harry A. Collins
and Lauro Cordero, do solemnly swear that we assisted Paul E. Fernald, United States Deputy Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of P. B. Purcell, Jr., and J. H. Wussow, Trustee

known as the Washington No. 1, Washington No. 2, Washington No. 3, Purcell No. 6, Purcell No. 7, Purcell No. 9, Water Edge No. 2.

represented in the foregoing field notes as having been surveyed by said deputy mineral surveyor and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the United States Surveyor-General for Arizona.

- Harry A. Collins, Chainman.
- Lauro Cordero, Chainman.
- _____, Axman.
- _____, Flagman.

Subscribed and sworn to by the above-named persons before me this 3rd

day of June, 1902

my com. expires April 19 1906

Wm Purcell
Notary Public

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Paul E. Fernald, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated February 29th, 1912, 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 P.B. Purcell, Jr. and J.H. Wussow, Trustee, known as the Washington No.1, Washington No.2, Washington No.3, Purcell No.6, Purcell No.7, Purcell No.9, Water Edge No.2, situate in Papago Mining District, Pima County, Arizona, in Section 12 and 13, Township No. 18 S., Range No. 10 E. (Unsurveyed), and designated as Survey No. 2976, 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 claimants 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.

Paul E. Fernald
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Paul E. Fernald
U. S. Deputy Mineral Surveyor, before me A.W. Purcell
this 5th
day of June 1912
my com. exp. exp. 19-1916

A.W. Purcell
Notary Public

- 20
- DIRECTIONS.—1. Carry out the area in acres to three decimals, and all other calculations to two decimals only.
 2. In balancing Lat. and Dep. do not obliterate or change the original figures:
 Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink.
 The corrections for balancing fallings should be proportional to the lengths of the lines.
 3. In calculations of fallings take result to nearest hundredth. In calculations of N. and S. areas drop all after second decimal. Surveyors are advised to use the Standard Field Tables issued by G. L. O.

TABLING AND CALCULATIONS OF Areas — Washington No. 2 Lode.

No.	COURSE.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.				
	S 41° 30' W.	61545		46094		40781	40781	18797594		
	N 35° 38' W.	150000	121914		87389	168951	205974922			
	N 41° 30' E.	61545	46094		40781	215559	99359765			
	S 35° 38' E.	150000		121914	87389	87389		106539425		
			168008	168008	128170	128170	87120	305334687	125337019	
								125337019		
									20.661 Acres.	
Conflict with Purcell No. 5 Lode — Unsurveyed.										
	N 35° 38' W.	2692	2188		1568	1568	34308			
	S 45° 24' W.	18498		12988		16307		2117790		
	S 19° 35' E.	4437		4180		27991		1170034		
	N 41° 30' E.	13999	14978		13252	13252	1985017			
			17166	17168	14739	14739	2019325	3287824		
			17167	17167				2019325		
							87120	1268499		
									11.456 Acres.	

DIRECTIONS.—1. Carry out the area in acres to three decimals, and all other calculations to two decimals only.
 2. In balancing Lat. and Dep. do not obliterate or change the original figures: Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink. The corrections for balancing fallings should be proportional to the lengths of the lines.
 3. In calculations of fallings take result to nearest hundredth. In calculations of N. and S. areas drop all after second decimal. Surveyors are advised to use the Standard Field Tables issued by G. L. O.

TABLING AND CALCULATIONS OF Areas — Washington No. 1 Lode.

No.	COURSE.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.				
Conflict — Washington No. 3 Lode — This Survey.										
	S 16° 39' E.	150000		143711	42979		42979		6176551	
	N 41° 30' E.	70635	52902		46804		132762	70233753		
	N 16° 39' W.	150000	143711		42979		136587	196290544		
	S 41° 30' W.	70635		52902	46804		46804		24760252	
			196613	196613	89783	89783	87120	266524297 86525803	86525803	20.661 Acres.
					587		47536	24909339		157820
					92818		92818	3353514		
					45869		45869			
			56014	56014	46948	46948	87120	28262853 13518542	13360722 13518542	11.692 Acres
Conflict — Purcell No. 5 Lode — Unsurveyed.										
	N 16° 39' W.	150000	143711		42979		42979		61764114	
	S 41° 30' W.	8769		6568	5811		91767		4027257	
	S 19° 35' E.	145563		137143	48789		48789		66910698	
			143711	143711	48789	48789	87120	61764114 87120	72937955	1.283 Acres.

DIRECTIONS.—1. Carry out the area in acres to three decimals, and all other calculations to two decimals only.
 2. In balancing Lat. and Dep. do not obliterate or change the original figures; but put below them the corrected footing in red ink. Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink. The corrections for balancing fallings should be proportional to the lengths of the lines.
 3. In calculations of fallings take result to nearest hundredth. In calculations of N. and S. areas drop all after second decimal. Surveyors are advised to use the Standard Field Tables issued by G. L. O.

TABLING AND CALCULATIONS OF Areas—Purcell No. 6 Lode

No.	COURSE.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.	N. AREAS.	S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.			
Conflict - Purcell No. 5 Lode - Unsurveyed.									
	S 1° 15' E.	150000		149964	3272		3272		4906822
	N 89° 48' E	60010	209		60010		66554	139098	
	N 1° 15' W	150006	149964			3272	123292	184891615	
	S 89° 48' W.	60010		209		60010	60010		125421
			150173	150173	63282	63282		185030713	5032243
							87120	179998470	20.661 Acres.
Conflict - Purcell No. 2 Lode - Unsurveyed.									
	S 1° 15' E.	84259		84239	1838		1838		1548313
	N 45° 24' E	49002	34407		1838		38564	13268715	
	N 19° 35' W.	52962	49898		53	17752	55699	27792687	
	S 89° 48' W.	18971		66		18071	18973		12522
			84305	84365	36729	36723		41061402	1560835
					36726	36726	87120	39500567	4.534 Acres.
Conflict - Purcell No. 2 Lode - Unsurveyed.									
	S 24° 39' E	56452		51308	23545		23545		12080940
	N 39° 25' E	28561	22065		18135		65225	14391244	
	N 1° 15' W.	29397	29390			641	82719	24310287	
	S 89° 48' W.	41039		143		41039	41039		58686
			51455	51453	51451	41680		38701531	12139626
							87120	12139626	3.049 Acres.

DIRECTIONS.—1. Carry out the area in acres to three decimals, and all other calculations to two decimals only.
 2. In balancing Lat. and Dep. do not obliterate or change the original figures.
 Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink.
 The corrections for balancing fallings should be proportional to the lengths of the lines.
 3. In calculations of fallings take result to nearest hundredth. In calculations of N. and S. areas drop all after second decimal. Surveyors are advised to use the Standard Field Tables issued by G. L. O.

TABLING AND CALCULATIONS OF Areas.

No.	COURSE.	DISTANCE.	LATITUDES.			DEPARTURES.		DOUBLE M. D.	N. AREAS.		S. AREAS.
			NORTH.	SOUTH.	EAST.	WEST.					
	water Edge No. 2 Lode — same as Purcell No. 6. Lode.										
	Conflict Purcell No. 2 Lode — unsurveyed.										
	N 89° 48' E.	24868	87		24868		24868	11635		7519288	
	S 89° 25' W.	38155		29477		24227	25509			200025	
	N 1° 15' W.	29397	29390			641	641	188390		7519288	
			29477	29477	24868	24868		200025	87120	7519288	200025
									87120	7319263	
	Purcell No. 9 Lode.										
	N 82° 37' E.	60345	7755		59844		59844	4640902			
	S 1° 15' E.	150000		149964	3272	122960	122960			184395734	
	S 82° 37' W.	60345		7755		59844	66388			5148389	
	N 1° 15' W.	150000	149964			3272	3272	4906822			
			157719	157719	63116	63116		9547724	87120	189544123	9547724
									87120	179996399	
											120661
	Purcell No. 7 Lode — same as Purcell No. 9 Lode.										

87120
 7319263
 .840 Acres.

Amended
NOTICE OF MINING LOCATION
Lode Claim

25

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the WASHINGTON NO. 1 Lode Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by P. B. Purcell, Jr. $\frac{3}{4}$ interest and J. H. Wussow, Trustee, $\frac{1}{4}$ interest citizens of the United States the undersigned, on the 20th day of February 1912

The length of this claim is 1500. feet, and we claim 556 feet in a north by north westerly direction and 944 feet in a south by south easterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the S.- S.E. to the N.-N.W.

The claim is situated and located in the Papago Mining District, in Pima County, in the Territory of Arizona, about 1400. ft. in a south westerly direction from the W. $\frac{1}{4}$ Cor. of Sec. 7, T 18 S, R 11 E, G. & S. R. M. to center of claim.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone at a point in a N. by N. W. direction 556 feet from the discovery shaft (at which this notice is posted) being in the center of the north end line of said claim; thence S $41^{\circ} 30' W$, 353.18 feet to a monument of stone being the north west corner of said claim; thence S $16^{\circ} 39' E$, 1500. feet to a monument of stone being at the south west corner of said claim; thence N $41^{\circ} 30' E$, 353.18 feet to a monument of stone at the center of the south end of said claim thence N $41^{\circ} 30' E$, 353.18 feet to a monument of stone being at the south east corner of said claim; thence N $16^{\circ} 39' W$, 1500. feet to a mmt. of stone at the north east corner of said claim; thence S $41^{\circ} 30' W$, 353.18 feet to the place of beginning.

All done under the provisions of Chapter Six; of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an amended Location Notice of the Washington No: 1 Mining Claim, located by P. B. Purcell, Jr. on the first day of January 1903, and recorded in Book I. I. of Records of Mines, at page 671, in the office of the County Recorder of the aforesaid county of Pima to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 20th. day of February 1912.

P. B. Purcell Jr. $\frac{3}{4}$ interest
J. H. Wussow Trustee $\frac{1}{4}$ Int.
by FJR

Lauro Cordero - Witness.

Filed and Recorded at request of P B Purcell Jr. Feby 27"
A.D. 1912 at 3:40 P. M. Book S.S. Rec Mines Pages -----

P. E. Howell,
County Recorder.

Amended
NOTICE OF MINING LOCATION
Lode Claim

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the WASHINGTON No. 2 Lode Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by P. B. Purcell, Jr. - 3/4 interest and J. H. Wussow, Trustee, - 1/4 interest, - - citizens of the United States the undersigned, on the 20th. day of February, 1912.

The length of this claim is 1500 feet, and we claim 1028 feet in a North Westerly direction and 472 feet in a South Easterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the south east to the north west

The claim is situated and located in the Papago Mining District, in Pima County, in the Territory of Arizona, about one mile in a South Easterly direction from the Banner Mining Camp.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones at a point in a north westerly direction 1028 feet from the discovery shaft (at which this notice is posted) being in the center of the north end line of said claim; thence S 41° 30' W, 307.73 feet to a monument of stone being the north west corner of said claim; thence S 35° 38' E, 1500. feet to a monument of stone being at the south west corner of said claim; thence N 41° 30' E, 307.73 feet to a monument of stone at the center of the south end of said claim thence N 41° 30' E, 307.72 feet to a monument of stone being at the south east corner of said claim; thence N 35° 38' W, 1500. ft. feet to a mmt. of stone at the north east corner of said claim; thence S 41° 30' W, 307.72 feet to the place of beginning.

All done under the provisions of Chapter Six; of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of this Territory of Arizona," approved March 16, 1901.

This is an amended Location Notice of the Washington No.2 Lode Mining Claim, located by P. B. Purcell, Jr. on the first day of January 1903, and recorder in Book I. I. of Records of Mines, at page 672, in the office of the County Recorder of the aforesaid county of Pima to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 20th. day of February 1912.

P. B. Purcell Jr 3/4 interest
J. H. Wussow Trustee 1/4 Int
by FJR

Lauro Cordero - Witness.

Filed and Recorded at request of P B Purcell Jr Feby 27"
A.D. 1912 at 3:40 P. M. Book S. S. Rec of Mines Pages - - -

P. E. Howell,
County Recorder.

Amended
NOTICE OF MINING LOCATION
Lode Claim

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the WASHINGTON NO. 3 Lode Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by P. B. Purcell, Jr. 3/4 interest, and J. H. Wussow, Trustee, 1/4 interest citizens of the United States the undersigned, on the 20th. day of February 1912

The length of this claim is 1500. feet, and we claim 337 feet in a northerly direction and 1163 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 south to the north

The claim is situated and located in the Papago Mining District, in Pima County, in the Territory of Arizona, about 1 1/2 miles in a south easterly direction from the Banner Mining Camp

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones at a point in a northerly direction 337 feet from the discovery shaft (at which this notice is posted) being in the center of the north end line of said claim; thence S 57° 35' W, 350.6 feet to a monument of stones being the north west corner of said claim; thence S 1° 15' E, 1500 feet to a monument of stones being at the south west corner of said claim; thence N 57° 35' E, 350.6 feet to a monument of stones at the center of the south end of said claim thence N 57° 35' E, 350.6 feet to a monument of stones being at the south east corner of said claim; thence N 1° 15' W, 1500 feet to a mmt. of stones at the north east corner of said claim; thence S 57° 35' W, 350.6 feet to the place of beginning.

All done under the provisions of Chapter Six; of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an amended Location Notice of the Washington No. 3 Lode Mining Claim, located by P. B. Purcell, Jr. on the first day of January 1903, and iredorded in Book I.I. of Records of Mines, at page 673, in the office of the county Recorder of the aforesaid county of _____ to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 20th day of February 1912

P. B. Purcell 3/4 interest
J. H. Wussow Trustee 1/4 Int.
By FJR

Lauro Cordero - Witness.

Filed and Recorded at request of P. B. Purcell Jr. Feby 27th A.D. 1912 at 3:40 P. M. Book S.S. Rec. of Mines, Pages -----.

P. E. Howell,
County Recorder.

Amended
NOTICE OF MINING LOCATION
Lode Claim

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the PURCELL NO. 6 Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by P. B. Purcell, Jr. $\frac{3}{4}$ interest, and J. H. Wussow, Trustee, $\frac{1}{4}$ interest citizens of the United States. the undersigned, on the 20th day of January 1912

The length of this claim is 1500. feet, and we claim 899 feet in a northerly direction and 601 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 south to the north

The claim is situated and located in the Papago Mining District, in Pima County, in the Territory of Arizona, about 950 ft. in a south by south westerly direction from The W. $\frac{1}{4}$ Cor. of Section 7, T. 18 S, R 11 E, G. & S. R. M., to center of claim.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone at a point in a northerly direction 899 feet from the discovery shaft (at which this notice is posted) being in the center of the north end line of said claim; thence S. $89^{\circ} 48' W$, 300.05 feet to a monument of stone being the north west corner of said claim; thence S. $1^{\circ} 15' E$, 1500. feet to a monument of stone being at the south west corner of said claim; thence N. $89^{\circ} 48' E$. 300.05 feet to a monument of stone at the center of the south end of said claim thence N. $89^{\circ} 48' E$, 300.05 feet to a monument of stone being at the south east corner of said claim; thence N. $1^{\circ} 15' W$. 1500 ft., to a monument of stone at the north east corner of said claim; thence 300.05 feet to the place of beginning.

All done under the provisions of Chapter Six; of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an amended Location Notice of the Purcell No. 6 Lode Mining Claim, located by P. B. Purcell, Jr. on the 16th day of February 1908, and recorded in Book N. N. of Records of Mines, at page 581, in the office of the County Recorder of the aforesaid county of Pima to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 20th day of February 1912.

P. B. Purcell Jr., $\frac{3}{4}$ interest
J. H. Wussow Trustee $\frac{1}{4}$ Int.
By FJR

Lauro Cordero.- Witness.

Filed and Recorded at request of P B Purcell Jr Feby 27th A.D. 1912 at 3:40 P. M. Book S. S. Rec. of Mines Pages - - -

P. E. Howell
County Recorder.

Amended
NOTICE OF MINING LOCATION
Lode Claim

29

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the PURCELL NO.7 Lode Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by P. B. Purcell Jr. 3/4 interest, and J. H. Wussow, Trustee 1/4 int. citizens of the United States the undersigned, on the 20th day of February 1912

The length of this claim is 1500 feet, and we claim 300 feet in a northerly direction and 1200 feet in a southerly direction from the center of the mouth of discovery tunnel, 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 south to the north

The claim is situated and located in the Papago Mining District, in Pima County, in the Territory of Arizona, about 1800 ft. in a south easterly direction from the W. 1/4 Cor. of Section 7 T 18 S, R 11 E, G. & S. R. M., to center of claim

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones at a point in a northerly direction 300 feet from the discovery tunnel (at which this notice is posted), being in the center of the north end line of said claim; thence S 82° 37' W, 301.73 feet to a monument of stones being the north west corner of said claim; thence S 1° 15' E, 1500 feet to a monument of stones being at the south west corner of said claim; thence N 82° 37' E, 301.73 feet to a monument of stones at the center of the south end of said claim thence N. 82° 37' E, 301.72 feet to a monument of stones being at the south east corner of said claim; thence N 1° 15' W, 1500 ft feet to a monument of stones at the north east corner of said claim; thence 301.72 feet to the place of beginning.

All done under the provisions of Chapter Six; of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an amended Location Notice of the Purcell No.7 Mining Claim, located by P. B. Purcell Jr. on the 16th day of February 1908, and recorded in Book N. N. of Records of Mines, at page 384, in the office of the County Recorder of the aforesaid county of Pima to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 20th day of February 1912

P. B. Purcell Jr. 3/4 interest
J. H. Wussow Trustee 1/4 Int.
by FJR

Lauro Cordero-Witness.

Amended
NOTICE OF MINING LOCATION
Lode Claim.

30

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the PURCELL NO. 9 Lode Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by P. B. Purcell $\frac{3}{4}$ interest, and J. H. Wussow, Trustee $\frac{1}{4}$ interest citizens of the United States the undersigned, on the 20th day of February 1912

The length of this claim is 1500 feet, and we claim 256 feet in a northerly direction and 1244 feet in a southerly direction from the center of the face of discovery cut, 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 south to the north

The claim is situated and located in the Papago Mining District, in Pima County, in the Territory of Arizona, about 1350 ft. in a south easterly direction from the W. $\frac{1}{4}$ Cor of Section 7 T. 18 S, R 11 E, G. & S. R. M. to center of claim.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones at a point in a northerly direction 256 feet from the discovery cut (at which this notice is posted) being in the center of the north end line of said claim; thence S $82^{\circ} 37' W$, 301.73 feet to a monument of stones being the north west corner of said claim; thence S. $1^{\circ} 15' E$ 1500 feet to a monument of stones being at the south west corner of said claim; thence N $82^{\circ} 37' E$, 301.73 feet to a monument of stones at the center of the south end of said claim thence N. $82^{\circ} 37' E$, 301.72 feet to a monument of stones being at the south east corner of said claim; thence N $1^{\circ} 15' W$, 1500 ft. to a monument of stones at the north east corner of said claim; thence 301.72 feet to the place of beginning.

All done under the provisions of Chapter Six; of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an amended Location Notice of the Purcell No. 9 Lode Mining Claim, located by P. B. Purcell Jr. on the 16th day of February 1908, and recorded in Book N. N. of Records of Mines, at page 384, in the office of the County Recorder of the aforesaid county of Pima to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 20th day of February 1912.

P. B. Purcell, Jr., $\frac{3}{4}$ interest
J. H. Wussow, Trustee, $\frac{1}{4}$ interest
By FJR

Lauro Cordero-Witness.

Amended
NOTICE OF MINING LOCATION
Lode Claim

31

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the WATER EDGE NO. 2 Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by P. B. Purcell, Jr., 3/4 interest, and J. H. Wussow, 1/4 interest citizens of the United States the undersigned, on the 20th day of February 1912

The length of this claim is 1500 feet, and we claim 876 feet in a northerly direction and 624 feet in a southerly direction from the center of the discovery cut, 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 South to the North

The claim is situated and located in the Papago Mining District, in Pima County, in the Territory of Arizona, about 1000 Ft. in a South by South Easterly direction from the W. 1/4 Cor. of Section 7, T. 18 S, R 11 E, G. & S. R. M. to the center of claim

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone at a point in a northerly direction 876 feet from the discovery cut (at which this notice is posted), being in the center of the north end line of said claim; thence S. 89° 48' W, 300.05 feet to a Monument of stones being the north west corner of said claim; thence S 1° 15' E, 1500, feet to a monument of stones being at the south west corner of said claim; thence N. 89° 48' E, 300.05 feet to a monument of stones at the center of the south end of said claim thence N 89° 48' E, 300.05 feet to a Monument of Stones being at the south east corner of said claim; thence N 1° 15' W, 1500 ft. to a monument of stones at the north east corner of said claim; thence 300.05 feet to the place of beginning.

All done under the provisions of Chapter Six; of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an amended Location Notice of the Water Edge No. 2 Lode Mining Claim, located by P. B. Purcell Jr. on the first day of January, 1903, and recorded in Book 1.1. of Records of Mines, at page 675, in the office of the County Recorder of the aforesaid county of Pima to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 20th day of February 1912

P. B. Purcell Jr 3/4 interest
J. H. Wussow, Trustee 1/4 Int
by FJR

Lauro Cordero-Witness

Filed and Recorded at request of P. B. Purcell, Jr. Feby 27th A.D. 1912 at 3:40 P. M. Book S.S. Rec. of Mines, Pages ____

P. E. Howell, County Recorder.

FINAL CHECK SHEET OF MINERAL SURVEY NO. 2974

TITLE PAGE:--

1. Have I stated the address of claimant or attorney at the foot of Title Page? ✓
2. Does location agree with that given in the field notes? ✓
3. Have I executed by survey subsequent to date of the order (amended order, if one has been issued) authorizing such survey? ✓

FIELD NOTES PROPER:--

TIES.

1. Have I tied corner No. 1 of each location to the proper U. S. M. M. or public land corner? (135-6-7-8, Reg. 14, M.) ✓
2. Have I checked the ties from corner No. 1 of each claim of my survey and do I know that they agree with each other within allowable limits of error? (133, Reg.) ✓
3. Have I checked the ties from corner No. 1 of each claim of my survey and do I know that they agree with similar ties from corners No. 1 of prior surveys with which my survey is connected? ✓
4. In describing each corner, end, or side center, have I stated "Identical with location" or given course and distance to the corresponding monument of location, describing the same? (10, M.) ✓

INTERSECTIONS.

1. Have I stated all intersections with all conflicting surveys, claims, and lines of the public surveys? (15, 25, M 138, 149, Reg.) ✓

CORNERS.

1. Have I properly described and marked (19, 20, M.) all corners of my survey and where a common corner is encountered in my field notes which has been "previously described" and established, do my notes so state, giving the additional markings placed on such corner with reference to claim now being described? ✓
2. Have I given bearings at corners, when available? (22, M.) ✓
3. Where witness corners have been established by me (21, M.), are they located on the lines of my survey, have I made proper reference to the corner points which they witness, and, at corner points witnessed, have I made proper reference to the witness corners? ✓

VARIATION.

1. Have I stated the magnetic variation at all corners of my survey? (Page 68, M.) ✓

LODE LINES.

1. If the ledge line is not stated by me as a straight line, passing through the discovery, is its existence as an irregular course actually verified by fact and so stated in my returns? (L. D. 35, 22, page 9, M.) ✓
2. Have I stated the course and length of each lode line, in both directions from the discovery, or from some other well-defined place on the claim? (Page 69, M.) ✓

AREAS.

1. Have I stated the total area of each claim of my survey? ✓
2. Have I stated the area in conflict with each intersecting survey or claim? NOTE:-Net areas must not be stated and conflicts with unsurveyed claims where area is included need not be stated.) ✓

2.

3. Do my field notes state the areas of all common conflicts so that any exclusion desired may be made when claimant makes application for patent? (Pages 15, 16, 70, M.)

LOCATION.

1. Have I stated the section, township, range, mining district, county, and national forest in which my survey is located, and is such statement consistent with connections given by me to public land corners or U. S. Mineral Monuments?

EXPENDITURES.

1. Does the language of my certificate of expenditures in the field notes agree with the affidavit of \$500 improvement?
2. Is the discovery described in my field notes, located on the course of the vein or ledge, and numbered "1" in the statement of improvements, notwithstanding the fact that a supplemental report of improvements may be submitted at a later date?
3. Have I truly stated the valuation of each improvement? (See G. L. O. Circular of March 9, 1909.)
4. Have I located all improvements by course and distance from well-defined points on the side lines or course of ledge or from corners of my survey and have I described all improvements, including cross-cuts, drifts, etc., in a full and explicit manner so that they may be shown on the plat of survey?
5. Have I made a full and complete statement, including topographical reasons, why an improvement designated by me as a "common improvement" can, from a practical mining standpoint, properly be classed as such, and are the credits therefrom equally apportioned to all the claims benefited thereby? (L. D. 37, 404; 36, 351; 35, 361; 34, 655; 32, 401, 591; and 30, 322, 510.)

INSTRUMENT.

1. Have I described instrument and tape or chain used by me in executing my surveys and have I stated that "All courses were deflected from a true meridian, as determined by astronomical (solar or stellar) observations"?

REPORT.

1. Is the location monumented in accord with the law in force at the date thereof?
2. In the event that a slight discrepancy is found to exist between a claim as marked by the location monuments and as described in the location notice, have I stated in my field notes that such discrepancy is due to errors in the location notice of such claim?
3. In the event that some of the lines of my survey disagree with the recorded courses and lengths of lines of prior approved surveys, have I stated that such discrepancies are due to errors in the returns of such prior surveys? (Page 75, M.)
4. Have I described the corners of all prior surveys, public land corners, or mineral monuments mentioned in my returns? (Page 75, M.)
5. Have I submitted a descriptive report on placer claims, as required? (167, Reg.)

ADJOINING CLAIMS.

1. Have I stated location, name, "unsurveyed," and name of claimant of each and every adjoining unsurveyed claim? (If name of claim or claimant is unknown, so state.)
2. Have I stated location, name, and survey number of all ad-

joining surveyed claims?

SIGNATURE.

1. Have I signed my field notes proper?

PRELIMINARY TRACING:--

1. Do my field notes and preliminary tracing agree in each and every respect, the tracing showing all intersections, lode lines, location monuments, improvements, etc.?

AREA SHEETS:--

1. Do my field notes and area sheets agree in every respect?
 2. Do the exterior lines of each location close within the allowable limits of error?
 3. Do the portions of every location lying on each side of the ledge close within the allowable limits of error?
 4. Have I calculated the area of each location and every conflict (including common conflicts) by D. M. Ds.?

AFFIDAVIT:--

1. Have I submitted affidavit of five hundred dollars improvement, properly executed by two disinterested parties, before a notary public or other officer authorized to administer land oaths?

FINAL OATHS OF ASSISTANTS:--

1. Have I submitted final oaths of my assistants, executed subsequent to date of survey and before proper officer, and if, owing to delay, expense, and inconvenience, I administered said oaths as mineral surveyor, have I stated reasons for so doing in my returns? (128, Reg. Pages 75, 76, 1.)

CONFORMITY OF SURVEY AND LOCATION:--

1. Is my survey identical with or included within the location as marked on the ground, including all monuments (corner, end center, or side center) recited in the location notice upon which the order for survey was issued?

GENERAL:--

1. Does any location include any surface area outside of the established course of the end lines of the survey, extended in their own directions? (L. D. 35, 592, page 9, H.)
 2. Have I limited the survey of each lode claim to 300 feet on each side of the ledge?
 3. Have I tied corner No. 1 of each millsite to corner No. 1 of the lode claim in connection with which it is surveyed?
 4. Have I prepared my field notes by beginning the writing of the second page at what would be the bottom of the first page, as required by Surveyor-General's circular letter of September 24, 1908?

 U. S. Mineral Surveyor.

Surveyor should be able to answer all questions in the affirmative. Compare your returns of survey with this check sheet and return checked sheet when filing your field notes in this office.

"Reg."=U. S. Mining Laws and Regulations Thereunder, approved March 29, 1909.

"M." =Manual of Instructions for the Survey of the Mineral Lands of the United States, approved by the Secretary of the Interior October 6, 1908.

Issued September 16, 1909.