

MAR 22 1913

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SEP 2 - 1913

(4-683.)

Mineral Survey No. 3042

Lot No.

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

W.E. Doster, Trustee

KNOWN AS THE

OLD ORO BLANCO, EXTENSION, PARALEL, SORREL TOP, P & B, MONSTER, TRES AMIGOS, SAN JUAN, CANADA, LITTLE ORO BLANCO, KELTONIA.

Oro Blanco Mining District,

Santa Cruz County, Arizona.

Sections 17, 18, 19, 20, Township 23 S. Range 11 E. G. & S. R. M. (Unsurveyed)

Surveyed under instructions dated January 15th., 1913,

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

Claim located (See Location Notices attached)

Survey commenced February 25th., 1913.

Survey completed April 6th., 1913.

o 6-180

P.O. Address of Atty. for Claimant - Frank H. Hereford Tucson, Arizona.

## U.S. Mineral Survey No. 3042.

Feet.

P. & B. 1.

Beginning at Cor. No. 1,

A galvanized iron pipe  $1\frac{1}{4}$  in. in diam., 5 ft. long, set  $1\frac{1}{2}$  ft. in ground, with brass cap stamped U.S. Mineral Survey No. 3042, - P. & B. 1, pipe surrounded by monument of stones.

Whence:- U.S. Mineral Monument No. 5, Oro Blanco District bears S  $75^{\circ}25'E$ , 4092.47 ft.

Cor. No. 3, San Juan Lode, this survey, hereinafter described, bears S  $62^{\circ}18'W$ , 408.10 ft.

Thence S  $21^{\circ}10'W$ .

300.00 to East End Center - monument of stones 3 ft. high & 4 ft. base.

336.00 intersects center Warsaw Gulch running East, 15 ft. wide.

520.00 Corner No. 4, Sorrel Top Lode, this survey, hereinafter described, and:-

Intersects line 2-3, San Juan Lode, this survey, at point 507.50 ft. S  $30^{\circ}27'E$  342.50 ft. from Cor. No. 3.

600.00 To Cor. No. 2,

A galvanized iron pipe  $1\frac{1}{4}$  in. diam., 5 ft. long, set  $1\frac{1}{2}$  ft. in ground, with mound of stones. Brass Cap on pipe stamped U.S. Mineral Survey No. 3042, P. & B. 2.

Thence N.  $44^{\circ}14'W$ .

49.18 Intersects line 3-4, Sorrel Top Lode, this survey, at point S.  $58^{\circ}5'W$ , 74.45 ft. from Cor. No. 4.

269.00 Intersects middle of Warsaw Gulch, running N. - N.E.

1500.00 To Cor. No. 3,

A galvanized iron pipe 5 ft. long,  $1\frac{1}{4}$  in. in diam, set  $1\frac{1}{2}$  ft. in ground, with mound of stones. - Brass cap on pipe stamped U.S. Mineral Survey No. 3042, P. & B. 3.

Thence N.  $21^{\circ}10'E$ .

300.00 To W. End Center - monument of stones 3 ft. high & 4 ft. base.

600.00 To Cor. No. 4,

A galvanized iron pipe 5 ft. long,  $1\frac{1}{4}$  in. in diam. set  $1\frac{1}{2}$  ft. in ground with mound of stones. Brass cap on pipe stamped U.S. Mineral Survey No. 3042, P. & B. 4.

Thence S.  $44^{\circ}14'E$ .

1490.40 Intersects line 3-4, San Juan Lode, this survey, at point

405.47 ft. N 61° 0' E, from Cor.No.3.

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

\* \* \* \* \*

San Juan

Beginning at Cor.No.I,

A galvanized iron pipe 5 ft.long, 1 1/4 in.in diam, set 1 1/2 ft. in ground, with mound of stones. Brass cap on pipe stamped U.S.Mineral Survey No.3042, San Juan 1.

Whence U.S.Mineral Monument No.5, Oro Blanco District, bears S.84° 9' E, 3466.25 ft.

Thence S. 61° 0' W,

300.00 To S<sup>E</sup> End Center - monument of stones 3 ft.high & 4 ft.base.

506.50 To Cor.No.2,

A galvanized iron pipe 5 ft.long, 1 1/4 in.in diam., set 1 1/2 ft. in ground with mound of stones. Brass cap on pipe stamped U.S.Mineral Survey No.3042, San Juan 2.-

Thence N. 30° 27' W.

507.50 Intersects line I-2, P.& B.Lode, this survey, at point S. 21° 10' W, 520.00ft, from Cor.No.I.

786.00 Crosses Warsaw Gulch, running N.E.

850.00 To Cor.No.3,

A galvanized iron pipe 5 ft.long, 1 1/4 in.in diam, set 1 1/2 ft. in ground with mound of stones. Brass cap on pipe stamped U.S.Mineral Survey No.3042, San Juan 3.

Thence N. 61° 0' E

35.00 Crosses branch Warsaw Gulch, running S.E.

206.50 N<sup>W</sup> End Center - monument of stones 3 ft.high & 4 ft.base.

405.47 Intersects line 4-1 P.& B.Lode, this survey, at point N. 44° 14' W, 9.60 ft.from Cor.No.I.

506.50 To Cor.No.4,

A galvanized iron pipe 5 ft.long, 1 1/4 in.in diam, set 1 1/2 ft. in ground with mound of stones, Brass cap on pipe stamped U.S.Mineral Survey No.3042, San Juan 4.

Thence S. 30° 27' E

261.46 Corner No.3 Cañada Lode, this survey, hereinafter described.



## U.S. Mineral Survey No. 3042.

- 635.00 Crosses Warsaw Gulch, running East.
- 850.00 To Cor.No.1, the place of beginning.  
\* \* \* \* \*
- TRES AMIGOS
- Beginning at Cor.No.1,  
A galvanized iron pipe 5 ft.long,  $1\frac{1}{4}$  in.in diam, set  $1\frac{1}{2}$  ft.  
in ground, with mound of stones. Brass cap on pipe stamped  
U.S.Mineral Survey No.3042, T.Amigos 1.
- Whence U.S.Mineral Monument No.5, Oro Blanco District,  
bears N.  $78^{\circ}49'E$ , 2959.60 ft.
- Thence  $561^{\circ}0'W$ ,
- 167.62 Intersects W.Side Line Monarch Lode, Unsurveyed, S.  $16^{\circ}0'W$ ,  
231.20 ft.from N.W.Cor.
- 300.00 To S.<sup>E.</sup>End Center, monument of stones 3 ft.high, 4 ft.base.
- 353.00 Crosses small gulch running East.
- 506.50 To Cor.No.2,  
A galvanized iron pipe 5 ft.long,  $1\frac{1}{4}$  in.in diam., set  $1\frac{1}{2}$  ft.  
in ground, with mound of stones, Brass cap stamped U.S.  
Mineral Survey No.3042, T.Amigos 2.
- Thence N.  $30^{\circ}27'W$ .
- 40.00 Crosses small gulch running East.
- 256.00 To Cor.No.1, Sorrel Top Lode, this survey, hereinafter  
described.
- 1075.00 To Cor.No.3, identical with Cor.No.2, San Juan Lode, this  
survey, heretofore described, Brass cap additionally marked  
T.Amigos 3.
- Thence N.  $61^{\circ}0'E$ .
- 206.50 To N.<sup>W.</sup>End Center, monument of stones 3 ft.high & 4 ft.base.
- 506.50 To Cor.No.4, identical with Cor.No.1, San Juan Lode, this  
survey, heretofore described. Brass cap additionally marked  
T.Amigos 4.
- Thence S.  $30^{\circ}27'E$ .
- 911.46 To Cor.No.2, Cañada Lode and Cor.No.3 Monster Lode, this  
survey, hereinafter described, identical with the N.W.Cor  
Monarch Lode, unsurveyed.
- 1075.00 To Cor.No.1, the place of beginning.  
\* \* \* \* \*

SORREL TOP MON.

Beginning at Cor.No.1,

A galvanized iron pipe 5 ft.long,  $1\frac{1}{4}$  in.in diam.,set  $1\frac{1}{2}$  ft. in ground, with mound of stones. Brass cap on pipe stamped U.S.Mineral Survey No.3042, Sor.Top.I.

Whence U.S.Mineral Monument No.5, Oro Blanco District, bears N.80°14'E, 3527.25 ft.

Thence S. 58°05'W,

300.00 To S. End Center, Monument of stones 3 ft.high & 4 ft.base.

528.00 Crosses small gulch running S.E.

600.00 To Cor.No.2,

A galvanized iron pipe 5 ft.long,  $1\frac{1}{4}$  in.in diam.,set  $1\frac{1}{2}$  ft. in ground, with mound of stones. Brass cap on pipe stamped U.S.Mineral Survey No.3042, Sor.Top 2.

Whence Cor.No.6, LOUISE LODE, SURVEY NO.347, bears N. 16°16'E, 217.43 ft.

Thence N. 30°27'W,

210.89 Intersects Line 6-7, LOUISE LODE, SURVEY NO.347, S.80°53'W, 169.93 ft.from Cor.No.6.

855.00 Intersects Line 3-4, LOUISE LODE, SURVEY NO.347, S.80°53'W,

401.87 ft.from Cor.No.4. Cor.No.6 said Louise lode is S.9°21'E. 599.99 ft. from Cor.No.4 thereof.

1326.50 To Cor.No.3,

A galvanized iron pipe 5 ft.long,  $1\frac{1}{4}$  in.in diam.,set  $1\frac{1}{2}$  ft. in ground, with mound of stones. Brass cap on pipe stamped U.S.Mineral Survey No.3042, Sor.Top 3.

Whence Cor.No.4, LOUISE LODE, SURVEY NO.347, bears S.61°40'E, 722.27 ft.

Cor.No.3, LOUISE LODE, SURVEY NO.347, bears S.55°23'W, 1020.30 ft.

U.S.Mineral Monument No.2, Oro Blanco District, bears S.52°43'W, 2406.92 ft.

Thence N. 58°5'E.

300.00 To N. End Center, monument of stones 3 ft.high & 4 ft.base.

525.55 Intersects Line 2-3, P.& B.Lode, this survey, at point N.44°14'W, 49.18 ft.from Cor.No.2.

600.00 To Cor.No.4, on line 1-2 P&B lode of this survey, whence Cor. No. 2 said P&B lode brs.S.21°10' W. 80 ft.  
A galvanized iron pipe 5 ft.long,  $1\frac{1}{4}$  in.in diam, set  $1\frac{1}{2}$  ft.

U.S. Mineral Survey No. 3042.

in ground, with mound of stones. Brass cap on pipe stamped U.S. Mineral Survey No. 3042, Cor. Top. 4.

Thence S, 50° 27' E.

507.50 To Cor. No. 2, San Juan Lode, this survey,

1326.50 To Cor. No. 1, the place of beginning.

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CAÑADA

Beginning at Cor. No. 1,

A galvanized iron pipe 5 ft. long, 1 1/4 in. in diam., set 1 1/2 ft. in ground, with mound of stones. Brass cap on pipe stamped U.S. Mineral Survey No. 3042, Cañada 1.

Whence U.S. Mineral Monument No. 5, Oro Blanco District bears S. 87° 30' E, 2755.74 ft.

Thence S. 22° 52' W,

300.00 To <sup>S</sup> E. End Center, monument of stones 3 ft. high & 4 ft. base.

402.00 Crosses Warsaw Gulch, running S. E.

600.00 To Cor. No. 2, identical with Cor. No. 3, Monster Lode, this survey, and the N. W. Cor. Monarch Lode, Unsurveyed, and on line 4-1 Tres Amigos lode of this survey. A galvanized iron pipe 5 ft. long, 1 1/4 in. in diam., set 1 1/2 ft. in ground, with mound of stones. Brass cap on pipe stamped U.S. Mineral Survey No. 3042, Cañada 2.

Thence N. 30° 27' W.

911.46 Cor. No. 4, Tres Amigos Lode, and Cor. No. 1 San Juan lode, this survey.

1126.46 Crosses Warsaw Gulch, running E.

1500.00 To Cor. No. 3, on line 4-1 San Juan lode of this survey.

A galvanized iron pipe 5 ft. long, 1 1/4 in. in diam., set 1 1/2 ft. in ground, with mound of stones. Brass cap on pipe stamped U.S. Mineral Survey No. 3042, Cañada 3.

Thence N. 22° 52' E.

300.00 To <sup>N</sup> W. End Center, monument of stones 3 ft. high & 4 ft. base.

600.00 To Cor. No. 4,

A galvanized iron pipe 5 ft. long, 1 1/4 in. in diam., set 1 1/2 ft. in ground, with mound of stones. Brass cap on pipe stamped U.S. Mineral Survey No. 3042, Cañada 4.

Thence S. 30° 27' E





U.S. Mineral Survey No. 3042,

- 300.00 To S. End Center, monument of stones 3 ft. high & 4 ft. base.
- 600.00 To Cor. No. 4, ident. with N.E. Cor. Monarch Lode, Unsurveyed.  
A galvanized iron pipe 5 ft. long, 1 1/2 in. in diam., set 1 1/2 ft. in ground, with mound of stones. Brass cap on pipe stamped U.S. Mineral Survey No. 3042, Nstr. 4.  
Thence N. 16° 0' E.
- 174.00 Crosses Warsaw Gulch running S.W.
- 451.00 Crosses road, running E. & W.
- 1075.71 Intersects line 2-3, Paralel Lode, this survey, at point S. 64° 51' E, 555.10 ft. from Cor. No. 3.
- 1400.00 To Cor. No. 1, the place of beginning.

\* \* \* \* \*

LITTLE ORO BLANCO

Beginning at Cor. No. 1,

A galvanized iron pipe 5 ft. long, 1 1/2 in. in diam., set in 1 ft. drill hole in side of rock face, with 6 ft. mound of stones built up from ground at base. Brass cap on pipe stamped U.S. Mineral Survey No. 3042, L.O.B. 1.

Whence U.S. Mineral Monument No. 5, Oro Blanco District, bears S. 60° 59' E, 2619.44 ft.

Thence S. 27° 27' W,

- 291.02 To Cor. No. 4, Old Oro Blanco Lode, identical with Cor. No. 4 Paralel Lode, this survey.
- 300.00 To East End Center, monument of stones 3 ft. high & 4 ft. base.
- 459.00 Intersects line I-2, Monster Lode, this survey, at point S. 63° 30' E, 109.67 ft. from Cor. No. 2.
- 600.00 To Cor. No. 2, (On line 3-4, Paralel Lode, this survey)  
A galvanized iron pipe 5 ft. long, 1 1/2 in. in diam., set 1 1/2 ft. in ground, with mound of stones. Brass cap on pipe stamped U.S. Mineral Survey No. 3042, L.O.B. 2.

Thence N. 64° 51' W,

- 80.87 Intersects line 2-3 Monster Lode, this survey, at point S. 16° 0' W, 145.32 ft. from Cor. No. 2.
- 352.00 Crosses small gulch running S.

1007



400.00 To Cor.No.3,  
 A galvanized iron post 5 ft.long,  $1\frac{1}{4}$  in.in diam.,set in  
 bed rock in drill hole 1 ft.deep, with mound of stones.  
 Brass cap on pipe stamped U.S.Mineral Survey No.3042,L.O.B.3.  
 . . . Thence N.27°27'E.

300.00 To W.End Center, monument of stones 3 ft.high & 4 ft.base.

600.00 To Cor.No.4.  
 A galvanized iron pipe 5 ft.long,  $1\frac{1}{4}$  in.in diam.,set in  
 bed rock in drill hole 1 ft.deep,with mound of stones.  
 Brass cap on pipe stamped U.S.Mineral Survey No.3042,L.O.B.4.  
 . . . Thence S.64°51'E,

164.56 Cor.No.4 Keltonia Lode, this survey, hereinafter described.

314.56 Cor.No.1, " " " " " "  
 and intersects line 3-4, Old Oro Blanco Lode, this survey  
 at point N.10°55'E, 300.00ft.from Cor.No.4.

400.00 To Cor.No.1, the place of beginning.  
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PARALEL 1.1.1.

Beginning at Cor.No.1,  
 A galvanized iron pipe, 5 ft.long, $1\frac{1}{4}$  in.in diam.,set  $1\frac{1}{2}$  ft.  
 in ground, with mound of stones. Brass cap on pipe stamped  
 U.S.Mineral Survey No.3042, Par.1.  
Whence - U.S.Mineral Monument No.5, Oro Blanco District  
 bears S.70°36'E, 1131.23 ft.

Thence S.27°27'W,

205.06 To E.End Center - monument of stones 3 ft.high & 4 ft.base.  
 Identical with Cor.No.4, Extension Lode, this survey, here-  
 inafter described.

396.00 Crosses Oro Blanco Gulch, running S.- S.W.

500.00 To Cor.No.2,  
 A galvanized iron pipe 5 ft.long,  $1\frac{1}{4}$  in.in diam.,set 1 ft.  
 in drillhole in bedrock, with mound of stones. Brass cap  
 on pipe stamped U.S.Mineral Survey No.3042, Par.2.  
 . . . Thence N.64°51'W.

27.00 Crosses Oro Blanco Gulch, running S.- S.W.

## U.S. Mineral Survey No. 3042.

588.00	Crosses road running S. - S.E.
944.90	Intersects line 4-I, Monster Lode, this survey, at point S. 16° 0' W, 324.29 ft. from Cor. No. 1.
1500.00	To Cor. No. 3, A galvanized iron post 5 ft. long, 1½ in. in diam., set 1½ ft. in ground with mound of stones - with brass cap stamped U.S. Mineral Survey No. 3042, Par. 3. Cor. No. 1 Monster lode of this survey bears N. 82° 29' E. 598.12 ft. Thence N. 27° 27' E,
191.02	Cor. No. 2, Little Oro Blanco Lode, this survey.
294.94	To W. End Center - monument of stones 3 ft. high & 4 ft. base.
332.02	Intersects line I-2, Monster Lode, this survey, at point N. 63° 30' W, 490.33 ft. from Cor. No. 1.
491.02	E. End Center Little Oro Blanco Lode, this survey.
500.00	To Cor. No. 4, A galvanized iron pipe 5 ft. long, 1½ in. in diam., set 1½ ft. in ground, with mound of stones - with brass cap stamped U.S. Mineral Survey No. 3042, Par. 4. Thence S. 64° 51' E,
608.00	Crosses road running S.
1464.69	Intersects line 3-4 Extension Lode, this survey, at point N. 17° 37' E, 206.68 ft. from Cor. No. 4.
1500.00	To Cor. No. 1, the place of beginning. * * * * *
	<u>OLD ORO BLANCO LODE.</u> Beginning at Cor. No. 1. Identical with Cor. No. 1, Paralel Lode, this survey, here- tofore described; brass cap additionally marked O.O.B.L. <u>Whence</u> - U.S. Mineral Monument No. 5, Oro Blanco District, bears S. 70° 36' E, 1131.23 ft. Thence N. 10° 55' E,
148.00	Crosses Oro Blanco Gulch at bend from S.W. to S.E.
300.00	To E. End Center - monument of stones 3 ft. high & 4 ft. base. Identical with Cor. No. 3, Extension Lode, this survey, here- inafter described, and S.W. Cor. Old Oro Blanco No. 2 Lode, Unsvd.
375.00	Crosses Oro Blanco Gulch, running S.E.

600.00	To Cor.No.2. Identical with the W.End Center of Old Oro Blanco No.2 Lode - Unsurveyed. A galvanized iron pipe 5 ft.long, $1\frac{1}{4}$ in.in diam, set $1\frac{1}{2}$ ft. in ground, with mound of stones. Brass cap on pipe stamped U.S.Mineral Survey No.3042, O.O.B.2. Whence Center line Old Oro Blanco No.2 Lode, Unsurveyed, runs S.72°32'E, 1500.00 ft. Thence N.64°51'W.
458.00	Crosses Oro Blanco Gulch, running S.E.
649.00	Crosses road running N.& S.
1050.00	S.E.Cor.Larue Lode, Unsurveyed.
1350.00	S.End Center Larue Lode, Unsurveyed.
1500.00	To Cor.No.3, ident.with Cor.No.2, Keltonia Lode, this survey. A galvanized iron pipe 5 ft.long, $1\frac{1}{4}$ IN.in diam., set $1\frac{1}{2}$ ft. in ground, with mound of stones. Brass cap on pipe stamped U.S.Mineral Survey No.3042, O.O.B.3. Thence S.10°55'W.
150.00	E.End Center Keltonia Lode, this survey.
300.00	West End Center, Monument of stones 3 ft.high & 4 ft. base. Identical with Cor.No.1, Keltonia Lode, this survey, hereinafter described. At intersection with line 4-I, Little Oro Blanco Lode, this survey - point N.64°51'W, 85.44 ft.from Cor.No.1.
600.00	To Cor.No.4, Identical with Cor.No.4, Paralel Lode, this survey, heretofore described - with brass cap additionally marked O.O.B.4. On line 1-2 Little Oro Blanco lode of this survey, S.27°27'W.291.02 ft. from Cor. No. 1. Thence S. 64° 51' . E.
608.00	Crosses road running S.
1464.69	Intersects line 3-4, Extension Lode, this survey, at point S.17°37'W, 293.32 ft.from Cor.No.3.
1500.00	To Cor.No.1, the place of beginning. * * * * * <u>KELTONIA LODE.</u> Beginning at Cor.No.1, Identical with the W.End Center Old Oro Blanco Lode, this survey, and at point 314.56, on line 4-I, Little Oro Blanco



U.S. Mineral Survey No. 3042.

Lode, this survey.

A galvanized iron pipe, 5 ft. long, 1 1/4 in. in diam., set 1 1/2 ft. in ground, with mound of stones. Brass cap on pipe stamped U.S. Mineral Survey No. 3042, Kelt. 1.

Whence: - U.S. Mineral monument No. 5, Oro Blanco District bears S. 61° 5' E, 2705.27 ft.

Thence N. 10° 55' E.

150.00 To E. End Center - monument of stones 3 ft. high & 4 ft. base.

300.00 To Cor. No. 2,

Identical with Cor. No. 3, Old Oro Blanco Lode, this survey, heretofore described; brass cap additionally marked Kelt. 2.

Thence N. 64° 51' W.

150.00 To Cor. No. 3,

Identical with the S.W. Cor. Larue Lode, unsurveyed.

A galvanized iron pipe 5 ft. long, 1 1/4 in. in diam., set 1 1/2 ft. in ground, with mound of stones. Brass cap on pipe stamped U.S. Mineral Survey No. 3042, Kelt. 3.

Thence S. 10° 55' W.

150.00 To W. End Center - monument of stones 3 ft. high & 4 ft. base.

300.00 To Cor. No. 4,

At point I64.56 on line 4-1, Little Oro Blanco Lode, this Survey.

A galvanized iron pipe 5 ft. long, 1 1/4 in. in diam., set 1 1/2 ft. in ground, with mound of stones. Brass cap on pipe stamped U.S. Mineral Survey No. 3042, Kelt. 4.

Thence S. 64° 51' E.

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

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EXTENSION

Beginning at Cor. No. 1,

On line 5-6, California Lode, Survey No. 754, S. 0° 12' W, 214.82 ft. from Cor. No. 5.

A galvanized iron pipe 5 ft. long, 1 1/4 in. in diam., set 1 1/2 ft. in ground, with mound of stones. Brass cap on pipe stamped U.S. Mineral Survey No. 3042, Ext. I.

Whence U.S. Mineral Monument No. 5, Oro Blanco District, bears

N. 56° 16' E, 210.23 ft.  
 Thence N. 17° 37' E.

200.00 To E. End Center - monument of stones 3 ft. high & 4 ft. base.

225.15 Intersects line 3-5, California Lode, Survey No. 754. at  
 point S. 89° 48' E, 67.39 ft. from Cor. No. 5.

500.00 To Cor. No. 2, (on S. side Line Old Oro Blanco No. 2 Lode, Un-  
 surveyed).  
 A galvanized iron pipe 5 ft. long, 1 1/4 in. in diam., set 1 1/2 ft.  
 in ground, with mound of stones. Brass cap on pipe stamped  
 U.S. Mineral Survey No. 3042, Ext. 2.  
 Thence N. 72° 32' W,

972.00 Crosses Oro Blanco Gulch, running South.

1034.42 To Cor. No. 3, on line 2-3 and  
 identical with E. End Center Old Oro Blanco Lode, this survey,  
 and the S.W. Cor. Old Oro Blanco No. 2 Lode, unsurveyed.  
 A galvanized iron pipe 5 ft. long, 1 1/4 in. in diam., set 1 1/2  
 ft. in ground, with mound of stones. Brass cap on pipe  
 stamped U.S. Mineral Survey No. 3042, Ext. 3.  
 Cor. No. 1 said Old Oro Blanco lode brs. S. 10° 55' W. 300 ft.  
 Thence S. 17° 37' W.

293.32 Intersects common line 4-I, Old Oro Blanco & Paralel Lodes,  
 this survey, at point N. 64° 51' W, 35.31 ft. from common Cor.  
 No. 1.

300.00 To W. End Center - monument of stones 3 ft. high & 4 ft. base.

500.00 To Cor. No. 4.  
 Identical with E. End Center Paralel Lode, this survey.  
 A galvanized iron pipe 5 ft. long, 1 1/4 in. in diam, set 1 ft.  
 deep in drill hole in bed rock, with mound of stones.  
 Brass cap on pipe stamped U.S. Mineral Survey No. 3042, Ext. 4.  
 On line 1-2 Paralel lode of this survey, S. 27° 27' W. 205.06 ft.  
 from Cor. No. 1. Thence S. 72° 32' E.

79.00 Crosses Oro Blanco Gulch at bend from S.W. to S.E.

1034.42 To Cor. No. 1, the place of beginning.  
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 Variation at all corners - 13° 35' E.  
 No suitable natural bearing objects available.  
 The survey of each lode of this location is identical with  
 the respective location as staked upon the ground.

## U.S. Mineral Survey No. 3042.

LODE LINES.

As near as can be determined from present developements, the veins of the several locations embraced in this claim, extend as follows from their respective discovery points or initial monuments.

P. & B. Lode. N. 44° 14' W, 1500.00 ft., from initial mmt.

San Juan Lode. S. 30° 27' E, 850.00 ft., from initial mmt.

Tres Amigos Lode. N. 30° 27' W, 1075.00 ft., from initial mmt.

Sorrel Top Lode. S. 30° 27' E, 1326.50 ft., from initial mmt.

Cañada Lode. N. 30° 27' W, 1500.00 ft., from initial mmt.

Monster Lode. S. 16° 0' W, 1000.00 ft.; N. 16° 0' E, 400.00 ft. from discov. point.

Little Oro Blanco Lode, N. 64° 51' W - 200.00 ft., and

S. 64° 51' E - 200.00 ft., from discovery point.

Paralel Lode. N. 64° 51' W - 1000.00 ft., and S. 64° 51' E - 500.00 ft. from discov. point.

Old Oro Blanco Lode. N. 64° 51' W - 1500.00 ft. from initial mmt.

Keltonia Lode. N. 64° 51' W - 75.00 ft. and S. 64° 51' E - 75.00 ft. from discov. point.

Extension Lode. S. 72° 32' E - 1034.42 ft. from initial mmt.

\* \* \* \* \*

ADJOINING OR CONFLICTING CLAIMS.

Louise Lode - Survey No. 347. Conflicts <sup>with</sup> Sorrel Top Lode, this survey, on W. side. Area in conflict a four sided plot, bounded as follows:- Beginning at Cor. No. 4, Louise Lode, thence S. 80° 53' W - 401.87 ft., thence S. 30° 27' E - 644.11 ft., thence N. 80° 53' E - 169.93 ft., thence N. 9° 21' W - 599.99 ft. to place of beginning. (Area of conflict 3.938 acres.)

Monarch Lode - Unsurveyed, Oro Monarca Mining Co. Claimant. Conflicts <sup>with</sup> Tres Amigos Lode, this survey, at S. end. Area in conflict a triangular plot, bounded as follows:- Beginning at Cor. No. 1, Tres Amigos, thence N. 30° 27' W - 163.54 ft., thence S. 16° 0' W - 231.20 ft., thence N. 61° 0' E, 167.62 ft., to place of beginning. (Area in conflict 0.315 Acres.)

California Lode - Survey No. 754. Conflicts <sup>with</sup> Extension Lode this survey, at East end. Area in conflict a triangular plot bounded as follows:- Beginning at Cor. No. 1, Extension Lode, thence N. 17° 37' E - 225.15 ft., thence N. 89° 48' W - 67.39 ft., thence S. 50° 12' W - 214.82 ft. to place of beginning.



(Area in Conflict - 0.166 Acres).

Old Oro Blanco No.2 Lode, Unsurveyed, C.H.McClanahan and P.H.Ward, Claimants. Adjoins ~~North~~ Side Extension Lode and E.End Old Oro Blanco Lode, this survey. No Conflict.

Larue Lode, Unsurveyed, C.C.&T.M.Miller, Claimants. Adjoins W.Side Old Oro Blanco and Keltonia Lodes, this survey.

No Conflict.

\* \* \* \* \*

AREAS

Total Area P. & B.Lode.	18.786 Acres.
Conflict with San Juan Lode, this survey -	1.646 "
San Juan Lode, total area	9.880 "
Tres Amigos Lode, total area	12.496 "
Conflict with Monarch Lode, unsurveyed.	0.315 "
Sorrel Top Lode, total area	18.265 "
Conflict <sup>with</sup> P. & B.Lode, this survey	0.041 "
" Louise - Survey No.347.	3.938 "
Cañada Lode, total area	16.569 "
Monster Lode, total area	18.961 "
Conflict Little Oro Blanco, this survey,	0.311 "
" Paralel Lode, this survey	3.908 "
" Cañada Lode, this survey	0.547 "
Little Oro Blanco Lode, total area	5.505 "
Conflict Old Oro Blanco, this survey	0.285 "
Keltonia Lode, total area	1.001 "
Paralel Lode, total area	17.203 "
Conflict Extension Lode, this survey	0.083 "
Old Oro Blanco Lode, total area	20.027 "
Extension Lode, total area	11.873 "
Conflict Old Oro Blanco, this survey	0.118 "
" California - Survey No.754.	0.166 "
* * * * *	

U.S. Mineral Survey No. 3042.

LOCATION:- This survey is located in the Oro Blanco Mining District, Santa Cruz County, Arizona, being ~~approx.~~ in Sections 17, 18, 19. & 20, Township 23 South, Range 11 East, G & S.R.<sup>B &</sup>M. Un-surveyed, and within the Coronado National Forest.

EXPENDITURE OF FIVE HUNDRED DOLLARS:- I certify that the value of labor and improvements made upon, or for the benefit of, each of the locations embraced in this mining claim by the claimant or its grantors, is not less than five-hundred dollars, and that said improvements consist of:- P & B LODGE.

No. 1. Discovery Shaft, the center of which bears S. 72° 33' W, 363. ft. from Cor. No. 1, is 4x6 - 32 ft. deep.

Value . . . . . \$307.20

This shaft is located approx. 50 ft. south west of the center line, for topographical reasons. The ore-deposit covered by this claim being a wide belt of gold-bearing rock covering practically the entire area of claim, rather than a sharp true fissure vein, the center-line of claim marks the theoretical center of the ore-deposit embraced therein. The various workings were located at points of topographical advantage.

No. 2 Tunnel, the mouth of which bears N. 85° 1' W, 509. ft. from Cor. No. 1, runs in N.W. 53 ft. long, 4x6 ft.

Value . . . . . \$381.60

No. 3. Tunnel, the mouth of which bears N. 71° 24' W, 1024 ft. from Cor. No. 1, running in N.W., is 4 ft. wide, 20 ft. from mouth of cut to 10. ft. face, thence 4x6 -- 50 ft. to breast.

Value . . . . . \$440.00

No. 4. Cut, the mouth of which bears S. 76° 48' W, 390. ft. from Cor. No. 1, runs in N.E. is 4 ft. wide, 24 ft. long, to 6 ft. face.

Value . . . . . \$57.60

No. 5. Cut, the mouth of which bears N. 73° 29' W, 451. ft. from Cor. No. 1, is 6 ft. wide, 30 ft. long, to 14 ft. face.

Value . . . . . \$252.00

No. 6. Cut & Tunnel, the mouth of which bears N. 38° 50' W, 379. ft. from Cor. No. 2, running N.W. is 4x6, 83 ft. long.

Value . . . . . \$597.60

SAN JUAN LODGE.

No. 1. Discovery Point, identical with initial monument at North

- W End Center, on outcrop of ledge.
- No. 2. Tunnel, the mouth of which bears S. 12° 4' E, 204 ft. from the N.W. End Center, running in S.E., is 5x6 - 27 ft. long.
- Value                    \$243.00
- No. 3. Tunnel - mouth bears S. 16° 12' E, 330 ft. from N.W. End Center, runs in S.E. 84 ft., 4x6, with crosscut from 28 ft. point running S.- S.E., 33 ft. - 4x6. Value                    \$842.40
- No. 4. Shaft - center bears S. 25° 51' E, 481 ft. from the N.W. End Center, is 4x6, 6 ft. deep. Value                    \$28.80
- (Old open trench from No. 2 to No. 4, - no value assigned).
- No. 5. Shaft - center bears S. 26° 43' E, 509 ft. from N.W. End Center is 4x8, 6 ft. deep. Value                    \$38.40
- No. 6. Cut - center of face bearing S. 51° 15' W, 125 ft. from <sup>N.W.</sup> N.W. End Center, runs in N.W. 20 ft., 5 ft. wide, to 5 ft. face.
- Value                    \$50.00
- TRES AMIGOS ~~LODE~~.
- No. 1. Discovery Point - identical with initial monument at South ~~E.~~ End Center, on outcrop of ledge-matter.
- No. 2. ~~Cut~~ mouth bears N. 14° 23' W, 216 ft. from the S.E. End Center is 4x22<sup>ft.</sup> to 10 ft. face, with tunnel 4x6 - 6 ft. long at end. Direction N.- N.W. Value                    \$131.20
- No. 3. Drift tunnel, mouth of which bears N. 9° 56' E - 83 ft. from S.E. End Center, runs N.- N.W. 5x6 $\frac{1}{2}$  - 808 ft. long; intersects cross-cut tunnel No. 5 (hereinafter described) at 545 ft. point. Winze 4 $\frac{1}{2}$ x6 - 50 ft. deep on W. side at 105 ft. point. Winze 4x6 - 90 ft. deep, at 550 ft. point, with drift from bottom parallel with tunnel 4 $\frac{1}{2}$ x6 $\frac{1}{2}$ , 47 ft. N.- N.W. and 441 ft. S.- S.E. Value                    \$14991.60
- No. 4. Tunnel - mouth bears N. 34° 42' E, 120 ft. from S.E. End Center, runs N.- N.W., 4x6, 76 ft. long. Value                    \$547.20
- No. 5. Section of Crosscut Tunnel No. 7, Canada Lode, (hereinafter described) lying within boundaries of this claim, 557 ft. long. (from 21 ft. point lying approx under point 610<sup>ft.</sup> line 4-1, to 578 ft. point, lying approx. under point 671. line 2-3). Tunnel 6 $\frac{1}{2}$ x7 $\frac{1}{2}$  ft. Value                    \$8146.20
- No. 6. Shaft, center of which bears N. 64° 45' W. - 433 ft. from Cor. No. 1, is 6x7 - 180 feet deep, situated in cut 12x16' with



## U.S. Mineral Survey No. 3042.

with 12 ft. face. Value \$3254.40

SORREL TOP ~~LODE~~.

No. 1. Discovery Point - identical with Initial Monument at North  
West  
End Center, on outcrop of ledge matter.

No. 2. Cut & Tunnel - mouth of which bears N. 50° 25' W, 426. ft.  
from Cor. No. I, is 4x6 - 57. ft. long, running in N. W.

Value \$410.40

No. 3. Section of cross-cut tunnel No. 7, Cañada Lode, hereinafter  
described, the portion lying within the boundaries of this  
claim being 317. ft. (from 578. ft. point lying approx. under  
point 911.50', line 4-I, to 895. ft. point, lying vertically  
under line 4-6, Louise Lode, Sur. No. 347.)

Value \$5425.80

No. 4. Shaft - center bears N. 49° 0' W, 485. ft. from Cor. No. I, is  
5x7, 200. ft. deep.

Value \$2800.00

CAÑADA ~~LODE~~.

No. 1. Discovery Point - identical with Initial Monument at South  
End Center, on outcrop of ledge matter.

No. 2. Cut, center of face of which bears S. 19° 15' E, 398. ft. from  
Cor. No. 4., is 7 ft. wide, 30. ft. long, to 10. ft. face, running  
in N. W., with shaft at face 9x8 - 45. ft. deep, inclining to  
East.

Value \$1506.00

No. 3. Shaft, the center of which bears N. 68° 0' W, 31. ft. from  
point 557. line 4-I, is 4x6, 21 ft. deep.

Value \$201.60

No. 4. Cut, the mouth of which is at point 557. line 4-I, is  
4 ft. wide, 18. ft. long, 7. ft. average height, running S. W.  
with tunnel 4x6, 17. ft. long, running N. W. from W. side of  
Cut.

Value \$273.60

No. 5. Cut, the mouth of which bears S. 58° 40' W, 202. ft. from Cor.  
No. I, is 4. ft. wide, 20. ft. long to 9. ft. face, with tunnel  
4x6 - 43. ft. long running S. - S. E.

Value \$381.60

No. 6. Cut, the mouth of which bears N. 21° 3' E, 241. ft. from Cor.  
No. 2, is 4. ft. wide, 20. ft. long to 9. ft. face, running

	North, with tunnel bending to N.E. 4x6, 10.ft.long.	Value	\$144.00
No. 7.	Main Crosscut tunnel, the mouth of which bears S. 51° 10' W, 467.ft.from Cor.No.I, is $6\frac{1}{2} \times 7\frac{1}{2}$ , running W. under Tres Amigos and Sorrel Top Lodes, this survey, to total length of 942.ft. Portion within this claim is 21.ft.	Value	\$307.20
No. 8.	Shaft, the center of which bears S. 18° 52' E, 375.feet from Cor.No.4, is 4x6 - $6\frac{1}{2}$ ft.deep.	Value	\$31.20
	MONSTER LODE.		
No. 1.	Discovery point, being on center line, 400. ft.from the North End Center, on outcrop of ledge.		
No. 2.	Discovery tunnel, the mouth of which bears S. 2° 50' E, 193. ft.from discovery point, is 4x6, 32.ft.long, running West.	Value	\$230.40
	Note:- Owing to topographical features of the ground, and loss of values of ore at surface due to weathering, the discovery tunnel was located at distance above stated from discovery point, in order to cut vein at depth as it dipped to the east, and at distance below surface, to better ascertain its true values.		
No. 3.	Cut, the mouth of which bears S. 43° 15' W, 522.ft.from Cor.No.I, is 4x14 to 6.ft.face, running S.W.	Value	\$33.60
No. 4.	Shaft, the center of which bears S. 31° 26' W, 517.ft.from Cor.No.I, is 4x6 - 7.ft.deep.	Value	\$28.80
No. 5.	Shaft, the center of which bears S. 30° 13' W, 530.ft.from Cor.No.I, is 4x11, 6.ft.deep.	Value	\$52.80
No. 6.	Shaft, the center of which bears N. 12° 19' E, 791.ft.from Cor.No.4, is 5x7 - 35.ft.deep.	Value	\$490.00

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No. 7. Cut and tunnel, the mouth of which bears N. 4° 33' E, 635. ft. from Cor. No. 4, is 4x6, 26 ft. long, running N.W.

Value \$187.20

No. 8. Cut and tunnel, the mouth of which bears N. 1° 50' W, 456. ft. from Cor. No. 4, is 4½x6, 87. ft. long, with winze at breast 4x6, 10. ft. deep. Direction N. Value \$800.70

No. 9. Cut, the mouth of which bears N. 37° 44' E, 266. ft. from Cor. No. 3, is 6 ft. wide, 16 ft. long, to 12 ft. face.

Value \$115.20

No. 10. 1/5 interest in shaft No. 11, Old Oro Blanco Lode, a common improvement.

Value assigned to this claim \$1200.00

LITTLE ORO BLANCO ~~LODE~~.

No. 1. Discovery Point, on Center Line, 200. ft. from each end, on outcrop of ledge.

No. 2. Discovery Shaft, the center of which bears N. 74° 20' E, 94. ft. from Discovery Point, is 5x7, 33 ft. deep.

Value \$462.00

Note:- Owing to topographical features of the ground, and loss of values of ore at surface due to weathering, the discovery shaft was located at distance above stated from discovery point, in order to cut the vein at depth as it dipped to N.E., and at distance below surface to better ascertain its true values.

No. 3. Cut and tunnel, the center of mouth of which bears N. 8° 41' E 95. ft. from the E. End Center, is 4x6, 30. ft. long, running South. Value \$216.00

No. 4. 1/5 interest in Shaft No. 11, Old Oro Blanco Lode, a common improvement.

Value assigned to this claim \$1200.00

KELTONIA ~~LODE~~.

No. 1. Discovery Point, on center line 75. ft. from each end, on outcrop of ledge.

No. 2. Discovery Shaft, the center of which bears S. 18° 40' E, 89. ft. from Discovery Point, is 5x7, 12 ft. deep.

Value \$100.00

Note:- The Ledge passing through this claim is of great width, more in the nature of a large irregular mass or blow-out than a true fissure vein, the center of which



is at Discovery Point. Discovery Shaft was located at a short distance to one side as stated, where topographical conditions gave a point better adapted for working vein.

No. 3. Tunnel, the mouth of which bears N.29°16'W, 46.ft.from Cor.No.I, is 4x6, 22 ft.long, running West.

Value . . . . . \$158.40

No. 4. 1/5 interest in Shaft No.II, Old Oro Blanco Lode, a common improvement.

Value assigned to this claim . . . . . \$1200.00

PARALEL LODE.

No. 1. Discovery Point, on center line 500.ft.from East End, at out-crop of ledge.

No. 2. Discovery Tunnel, center of mouth of which bears N.77°52'E 87.ft.from Discovery Point. Is 4x6, 22 ft.long.

Value . . . . . \$158.40

Note:- The vein at Discovery Point being of considerable width and dipping sharply to the N.E., and conditions at discovery point being unfavorable for working, the discovery tunnel was located as above stated, where conditions were more favorable for work.

No. 3. Cut and tunnel, the center of mouth of which bears N.82°13' W.,466.ft.from Cor.No.I, is 5x6, 25.ft.long,

Value . . . . . \$225.00

No.4. Shaft, the center of which bears N.69°45'W, 837.ft.from Cor.No.I, is 150.ft.deep. 10x12' to 50.ft.level, thence 4x6' to bottom, stoped below.

Value . . . . . \$3360.00

No. 5. Shaft, the center of which bears S.57°31'E, 39.ft.from point 518, line 4-I, is 4x7', 25.ft.deep.

Value . . . . . \$280.00

No. 6. Shaft, at point 518, line 4-I, is 4x8, 25 ft.deep.

Value . . . . . \$320.00

No. 7. Cut, the mouth of which bears S.37°45'E, 30.ft.from Cor. One-half of this cut is on the O.O.B. lode, this survey. No.4, is 4x22 to 8 ft.face, running North. Value of

1/2 falling within this claim . . . . . \$35.20

No. 8. 1/5 interest in Shaft No.II, Old Oro Blanco Lode, a common improvement.

Value assigned to this claim . . . . . \$1200.00

OLD ORO BLANCO ~~LODE~~.

- No. I. Discovery point, identical with Initial Monument at East End Center, on outcrop of ledge matter.
- No. 2. Cut & Tunnel - mouth bears N. 54° 25' E, 105. ft. from Cor. No. 4, runs S. - S.W. 30. ft. long, 4x6'. Value \$216.00
- No. 3. Cut & Tunnel - mouth bears N. 81° 17' E, 147. ft. from Cor. No. 4, runs W., 49. ft. long, 4x6'. Value \$352.80
- No. 4. Shaft - center bears N. 89° 57' E, 232. ft. from Cor. No. 4, is 4x6, 8. ft. deep. Value \$38.40
- No. 5. Cut - mouth bears S. 84° 12' E, 243. ft. from Cor. No. 4, is 4½x17', running N.E. to 10. ft. face. Value \$76.10
- No. 6. Shaft - center bears S. 84° 12' E, 339. ft. from Cor. No. 4, is 6x6, 37. ft. deep. Value \$532.80
- No. 7. Shaft - center bears S. 79° 37' E, 440. ft. from Cor. No. 4, is 4x6 - 9 ft. deep. Value \$43.20
- No. 8. Shaft - center bears N. 79° 20' W, 822. ft. from Cor. No. 2, is 8x10, 212. ft. deep, with 4½x6½' drift from bottom 260. ft. long, connecting with 150. level of main working shaft No. II. Value \$8904.00
- No. 9. Cut & Tunnel - mouth bears N. 82° 3' W, 675. ft. from Cor. No. 2, runs W., 61. ft. long, 4x6'. Value \$439.20
- No. 10. Shaft - center bears S. 79° 22' W, 790. ft. from Cor. No. 2, is 4x6 - 220. ft. deep, inclining to N.E., with 4½x6½' drift from bottom <sup>215 ft. long,</sup> connecting with 150. ft. level of main working shaft No. II. Value \$4176.00
- No. 11. Main working Shaft, the center of which bears N. 85° 36' W, 565. ft. from Cor. No. 2, is 5x7, 250. ft. deep, with drifts at bottom 40. ft. W. and 15 ft. E. Shaft is timbered, has gallows frame, and piped for steam, water and air. Value of this improvement - \$6000.00. I/5 value assigned to this claim. Value \$1200.00

Note:- This shaft, being sunk as the main working shaft for all ground owned by the claimant in the vicinity, is situated at a low point, the bottom being at a lower level than the surface of the Old Oro Blanco, Paralel, Keltonia, Little Oro Blanco and Monster Lodes, so that by drifting and cross-cutting from the bottom thereof, the above named

lodes may be worked, and ore extracted therefrom advantageously, Therefore an equal 1/5th portion in the value of this improvement is properly accredited to each of those claims. No interest is accredited to the Extension Lode, due to the fact that Oro Blanco Gulch separates same from the other named lodes, cutting through the country at a low level, making it impractical to attempt development in that direction. No interest is allowed to the Tres Amigos, Cañada, Sorrel, Top, San Juan and P. & B Lodes, owing to their being segregated from shaft by the deep Warsaw gulch and their distant location making development from said shaft impractical from a mining standpoint.

- No. 12. 1/2 of Cut No. 7, Paralel Lode, heretofore described, which lies within this claim. Value - \$35.20
- No. 13. Shaft - center bears S. 62° 19' E, 49. ft. from the W. End Center, is 5x7 - 12. ft. deep. Value - \$100.00
- EXTENSION ~~LODE~~.
- No. 1. Discovery Point, identical with Initial Monument at West End Center, on outcrop of ledge matter
- No. 2. Shaft, the center of which bears S. 64° 2' E, 401. ft. from Cor. No. 3, is 5x7, 31. ft. deep, with tunnel running E.- S.E. from E. Side, 4x6 - 76. ft. Crosscut from 60. ft. point, running 9. ft. north. Value - \$1046.00
- No. 3. Shaft, the center of which bears S. 65° 40' E, 497. ft. from Cor. No. 3, is 4½x6, 13. ft. deep. Value - \$140.40
- No. 4. Tunnel, the mouth of which bears S. 39° 55' E, 200. ft. from Cor. No. 3, is 4x6, 78. ft. long, with crosscut from 28. ft. point, 24 ft. long. Tunnel runs South and Cross-cut South East. Value - \$734.40
- No. 5. Tunnel, the mouth of which bears S. 49° 37' E, 160. ft. from Cor. No. 3, is 5x7, 17. ft. long, running South. Value - \$178.50



## U.S. Mineral Survey No. 3042.

No. 6. Shaft, the center of which bears S. 40° 3' E, 420. ft. from Cor. No. 3, is 4x6, 50. ft. deep.

Value \$480.00

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## OTHER IMPROVEMENTS.

Tres Amigos Mill, the N. Corner of which is at point 437.

line I-2, Cañada Lode, is 78x48', of frame & iron construction, equipped with crusher, chilean-mill, 2 plates and 2 Standard Concentrating Tables, with steam power plant. etc.

House, bearing N. 5° 5' E, 96. ft. to S. W. Cor. from S. End Center Monster Lode. Frame & iron, 14x10'.

House, the S. E. Corner of which bears N. 5° 31' E, 274. ft. from the S. End Center Monster Lode, is adobe, frame & iron, 26x12'.

House, the S. W. Cor. of which bears N. 9° 2' E, 286. ft. from the S. End Center Monster Lode, is stone with iron roof, 12x12'.

House, the S. W. Cor. of which bears N 11° 29' E, 269. ft. from the S. End Center Monster Lode, is frame & iron, 17x10'.

Old Oro Blanco Mill, the N. W. Corner of which bears N 77° 12' W, 686. ft. from Cor. No. 2, Old Oro Blanco Lode, is 44x40', frame & iron, equipped with 3-stamp battery, plates, concentrators and steam power plant.

Assay Office, the N. W. Cor. of which bears N 78° 55' W, 630. ft. from Cor. No. 2, Old Oro Blanco Lode, is 10x40' N & S, frame and iron.

Hoist Bldg. the N. Corner of which bears N 82° 3' W, 563. ft. from Cor. No. 2, Old Oro Blanco Lode, is 22x22', frame & iron, equipped with steam hoisting and pumping plant, and machine shop fixtures.

Blacksmith Shop, the N. W. Cor. of which bears N 86° 35' W, 522. ft. from Cor. No. 2, Old Oro Blanco Lode, is 12x13½', frame and iron, equipped with forge, anvil, etc.

GraZnary, the N. W. Cor. of which bears S. 85° 17' W, 718. ft. from Cor. No. 2, Old Oro Blanco Lode, is 12x12', frame with iron roof.

Camp Bldg., the N. W. Cor. of which bears S 80° 27' W, 665. ft. from Cor. No. 2, Old Oro Blanco Lode, is 48x25' with 12x14' addition, frame with iron roof, 5 rooms.

Stable, the N.E. Cor. of which bears S 70° 15' W, 587. ft. from Cor. No. 2, Old Oro Blanco Lode, is 12x16', frame and iron.

\* \* \* \* \*

#### INSTRUMENT.

This survey was made with Buff Transit No. 7905. The courses were deflected from the true meridian as determined by direct solar observations. Distances were measured with 100, 300, and 350-ft. steel tapes..

#### REPORT.

The lines of each location embraced in this survey were run directly upon the ground. Tie Lines run directly upon the ground.

U.S. Mineral Monument No. 5, Oro Blanco District, is a 2 in. galvanized iron pipe, 10½ ft. long above ground, painted red and white in alternate feet from top, stamped U.S.M. M. No. 5, O.B.D. surrounded by monument of stones 4 ft. high and 4 ft. diam. at top.

U.S. Mineral Monument No. 2, Oro Blanco District, is a 1 3/4 in. galvanized iron pipe, 10½ ft. above ground, painted red and white in alternate feet from top, stamped U.S.M.M. No. 2, O.B.D., surrounded with monument of stones 8 ft. in diam. and 5 ft. high.

Louise Lode - Survey No. 347. Corners No. 3 & 4 are 2x4" posts, 4 ft. above ground in mounds of stones, marked with name and corner number on sides facing towards claim. Corner No. 6 is a 4x4" post in large mound of stones - evidently old corner post replaced at later date. No post at Cor. No. 7, but old pile of stones remains.

Monarch Lode - Unsurveyed. - Oro Monarca Mining Company, Claimant, Corners monuments of stone 3 ft. high & 4 ft. base. (This claim covered by orders for U.S. Mineral Survey No. 3053, dated March 11th. 1913.)

California Lode, Survey No. 754. Corners 2, 3, 5 & 6 are galvanized iron pipe, 5 ft. long, 1¼ in. in diam, set 1½ ft. in ground, with mound of stones. Brass cap on pipe stamped "U.S. Mineral Survey No. 754" and Cor. Number. Old

## U.S. Mineral Survey No. 3042.

wooden post corners established at time of survey being nearly destroyed by exposure to weather, the above described corners were re-established by me at request of owner of claim - Frank H. Hereford, Tucson, Arizona.

Larue Lode, Unsurveyed, C.C. & T.M. Miller, Claimants.

Corners are monuments of stone, 5 ft. high and 6 ft. base.

Old Oro Blanco No. 2 Lode, Unsurveyed, C.H. McClanahan & P.H. Ward, Claimants. Corners are of stones, 3 ft. high and 4 ft. base.

Special Description of Corner Monuments used in this survey.

Galvanized iron pipe 5 ft. long,  $1\frac{1}{4}$  in. in diam. with top threaded standard gauge and bottom hack-sawed across in two directions 4 inches. When setting in drill hole in rock, a wedge in bottom expands same, insuring against removal. When set in ground hole, the four strips produced by sawing are bent out at right angles to pipe, giving an 8 in. clawlike base, which when covered ensures permanency. Caps are cast of brass, 2 in. sq. at top, flat faces  $\frac{1}{2}$  in. wide at top for stamping with claim name and corner number, lower  $\frac{1}{2}$  in. round,  $1\frac{3}{4}$  in. in diam. Inside hollow for  $\frac{3}{4}$  inch. and threaded to screw on  $1\frac{1}{2}$  in. pipe. The following inscription in raised letters on top of cap, made in casting " U.S. Mineral Survey No. " with raised plate for marking survey number. Exact Cornerpoint indicated by punch-mark.

The disagreement between these notes and the certificates of location of the claims embraced in this survey, is due to errors in said certificates of location.

Special Report:- The eleven claims embraced in this survey were "jumped" by S.J. Varney, of Tucson, Arizona, on June 3rd. 1912, on the grounds that sufficient assessment work had not been performed for the preceeding year. The contesting locations were amended by Varney on Nov. 16th. 1913. The respective contesting locations, with description of Discovery Work on same, are as follows:-



- HIGH BALL LODE,(identical with P.& B.LODE, this survey), S.J. Varney, Claimant. Discovery Shaft, the center of which bears N.89°26'W,450.ft. from Cor.No.I, P.& B.Lode, is 8. ft.deep, grading from 5x7' at top to 5x2 $\frac{1}{2}$ ' at bottom.
- HOLDOVER LODE,(identical with SAN JUAN LODE, this survey), S.J. Varney, Claimant. Discovery Shaft, the center of which bears S 27 22'E,554.ft. from the N.W.End Center of San Juan Lode, is 7 ft.deep at low rim, grading from 6x5' at top to 4 $\frac{1}{2}$ x3' at bottom.
- KICK BACK LODE,(identical with TRES AMIGOS LODE, this survey), S.J.Varney, Claimant, . Discovery Shaft, the center of which bears N.6°0'W, 197.ft. from the S.E.End Center of Tres Amigos Lode, is 8 ft.deep, 5x6' at top, 4x5' lower  $\frac{1}{2}$ .
- CROWN POINT LODE;(identical with SORREL TOP LODE, this survey), S.J.Varney, Claimant. Discovery Shaft, the center of which bears N.49°45'W, 408.ft.from Cor.No.I, Sorrel Top Lode, is 8 ft.deep, 5x5 $\frac{1}{2}$ ' at top, 3x3 $\frac{1}{2}$ ' at bottom.
- OLD TOWN LODE,(identical with CAÑADA LODE, this survey), S.J.Varney Claimant, Discovery Shaft, the center of which bears S 41°45'W, 252.ft.from Cor.No.I, Cañada Lode, is 7 $\frac{1}{2}$  ft. deep at low rim, 4x5 $\frac{1}{2}$ ' at top, 4x5' at bottom.
- BUDWEISER LODE,(identical with MONSTER LODE, this survey), S.J. Varney, Claimant. Discovery Cut, the center of mouth of which bears S.40°55'W, 478.ft. from Cor.No.I, Monster Lode, is 10 $\frac{1}{2}$  ft.long, 4 $\frac{3}{4}$  ft.wide, to 9 $\frac{1}{2}$  ft.face, running in West.
- WAR EAGLE LODE,(identical with LITTLE ORO BLANCO LODE, this survey) S.J.Varney, Claimant. Discovery Shaft, the center of which bears N 44°19'W, 86.ft.from the East End Center of Little Oro Blanco Lode, is 7 ft.3 in.deep at low rim, 4x7' at top, 3x6' at bottom.
- ORIOLE LODE,(identical with KELTONIA LODE, this survey), S.J.Varney Claimant, Discovery Shaft, the center of which bears N 17°15'W, 155.ft.from Cor.No.I, is 8 ft.deep, 4x6' at top, 3 $\frac{1}{4}$ x5 $\frac{1}{2}$ ' at bottom.
- BLUE JAY LODE,(identical with PARALEL LODE, this survey), S.J.

U.S. Mineral Survey No. 3042.

V Varney, Claimant. Discovery Shaft, the center of which bears N 81°43'W, 560.ft.from Cor.No.I, Paralel Lode, is 8. fet deep, 6x7' at top, 5 $\frac{1}{4}$ x3 $\frac{1}{4}$ ' at bottom.

BLACK BIRD LODE,(identical with Old Oro Blanco Lode - this survey) S.J.Varney, Claimant. Discovery Shaft, the center of w which bears S.73°46'E, 327.ft.from the West End Center of Old Oro Blanco Lode, is 7 $\frac{1}{2}$  ft.deep at low rim, 5x6' at top, 5x3'I" at bottom.

WOODPECKER LODE,(identical with Extension Lode, this survey), S. J.Varney, Claimant. Discovery Shaft, the center of which bears S 41°10'E, 512.ft.from Cor.No.3, Extensionn Lode, is 6 $\frac{1}{2}$  ft.deep at low rim, 4x6'.

\* \* \* \* \*

SPECIAL NOTE:-

On the claims embraced in this survey, the ore deposits do not occur in the form of sharp true fissure veins cutting through the country, but rather in belts of gold bearing rock of considerable width. For this reason, the workings, instead of being located on a regular line as would be the case with a narrow fissure vein, are located on or to either side of the center of the mineral belts, wherever topographical features give the most favorable working sites. On each of the claims of this survey, the mineral bodies were opened up and the presence of ore values shown, in numerous workings on, or to one or the other side of, the respective center lines.

Respectfully Submitted

Paul E. Fernald.

U.S.Mineral Surveyor.

Tucson, Ariz. May 21st. 1913.

# 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

W.E. Doster, Trustee.

known as the OLD ORO BLANCO, EXTENSION, PARALEL, SORREL TOP, P & B, MONSTER, TRES AMIGOS, SAN JUAN, CANADA, LITTLE ORO BLANCO, KELTONIA, and showing the respective capacities in which they acted.

Fred J. Trudeau, Chainman.

Lauro Cordero, Chainman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, Fred J. Trudeau

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 W.E. Doster, Trustee,

known as the OLD ORO BLANCO, EXTENSION, PARALEL, SORREL TOP, P & B, MONSTER, TRES AMIGOS, SAN JUAN, CANADA, LITTLE ORO BLANCO, KELTONIA,

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.

Fred J. Trudeau, Chainman.

Lauro Cordero, Chainman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me this 24

day of April, 1913

My Comm. exp. Apr. 19-1914  
[Signature]  
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 January 15th. 1913., 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 W.E. Doster, Trustee

OLD ORO BLANCO, EXTENSION, PARALEL, SORREL TOP, P & B, MONSTER, TRES AMIGOS, SAN JUAN, CANADA, LITTLE ORO BLANCO, KELTONIA, known as the situate in Oro Blanco Mining District, Santa Cruz County, Arizona, in Sections 17, 18, 19, 20 Township No. 23 S., Range No. 11 E. G. & S. R. M. (Unsurveyed) and designated as Survey No. 3042, 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 claims by claimant or their his 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 J.W. Purcell a Notary Public this 24th day of April - 1913, my Com. exp. Apr. 19 - 1916

J.W. Purcell Notary Public



Field Notes of Re-Establishment of U.S. Mineral Monument No. 2,

Oro Blanco Mining District. Santa Cruz County, Arizona.

U.S. Mineral Monument No. 2, Oro Blanco Mining District, being situated not far from the West Boundary of claims embraced in U.S. Mineral Survey No. 3042, same being executed by me, I made search for said Mineral Monument as described in field notes of establishment, as follows:-

\*\*\*\*\*

"Field Notes of U.S. Mineral Monument No. 2, Oro Blanco District, Pima County.

First drove an iron bar 1 1/4 inches in diam., two feet long, into a cleft in the ledge at summit of sharp peak at S.E. End of high ridge upon what is known as the Ready Relief Hill in Southern part of Oro Blanco District and about 8 miles S.E. of the old Ostrich mill, by the new road built by the Orion Company.

I then set an Oak Pole, largest end up, and about three inches in diam., marked U.S.M.M. No. 2, pole eight feet high and set at pin above described. I then built a monument of stones 5 ft. in diam. at base and 5 1/2 ft. high. From which highest point of Oro Blanco Peak bears N 85° 47' E. Variation 12° 20' E by observation on Polaris.

Promontory Peak bears S 36° 25' E. This is a prominent Peak in Sonora.

A monument of stones on summit of Mt. Bartlett bears S. 43° 32' W. Mt. Durand bears N. 41° 40' W.

Established Feb. 3rd. 1881.

\*\*\*\*\*

-At top of sharp peak on ridge known as Ready Relief Hill, I found the remains of monument above described, the post having been destroyed by long exposure to the elements and only pieces of rotten wood remaining in center of large stone monument, at center of which I found an iron bar 1 1/4 in. in diam., 1 1/2 ft. long, driven in crevice of ledge. I removed iron bar and in same place drilled a hole 8 in. deep in solid rock at bottom of crevice. In this hole and crevice I drove a piece of iron pipe, 1 1/4 in. outside diam., 2 1/2 ft. long, - pipe hack-sawed twice across at bottom and expanded by wedge when driven in hole. Over this pipe I forced a 3/4 in. galvanized iron pipe, 10 1/2 ft. high, painted in alternate feet from top with red and white enamel, marked with metal stamps 5 1/2 ft. from top (U.S.M.M. No. 2 - O.B.D.). I then surrounded base of pipe with monument of stone 8 ft. in diam. and 5 ft. high.

From this monument:-

U.S.M.M. No. 5, O.B.D.	bears	N 79° 24' E, 6686.85 ft.
Highest point Oro Blanco Peak	"	N 85° 54' E.
Promontory Peak in Sonora	"	S 36° 19' E.
Carnero Mt. " "	"	S 19° 52' W.
Sharp Peak in Sonora (name unknown)	"	S 45° 19 1/2' W.
Top of Mt. Bartlett	"	N 40° 30' W.

No suitable Bearing Trees or Rocks available.

Established March 3rd. 1913.

Var. 13° 35' E. Lat. N 31° 24 1/2'. Alt. approx 4400.

Paul E. Ferrel. U.S. Mineral Surveyor.

Field Notes of Re-Establishment of U.S. Mineral Monument No.5.

Oro Blanco Mining District. Santa Cruz County, Arizona.

U.S. Mineral Monument No.5, Oro Blanco Mining District, being the nearest Mineral Monument available for properly connecting the claims embraced in U.S. Mineral Survey No.3042, being executed by me, I made search for same as described in Field Notes of establishment, as follows:-

\*\*\*\*\*

Field Notes of U.S. Mineral Monument No.5, Oro Blanco District, Pima County.

For U.S. Mineral Monument No.5 in Oro Blanco Mining District, Pima County, I drove an iron pin 8 1/2 inches long, 1/2 in. dia. in the rocks on the highest point of the mountain between California Gulch and Old Oro Blanco Gulch, and set a post 5 ft. long, 6 ins. dia. on top of iron pin and surrounded same with mound of stones, post marked U.S.M.M.No.5, O.B.D.

West side of perpendicular bluff on Picacho Peak brs. N. 22° 04' E.  
House in Old Oro Blanco bears N. 37° 21' W.  
Warsaw Mill bears N. 82° 23' W.  
Var. 12° 21' E. Established Jan. 12th. 1886.

\*\*\*\*\*

I found that post had been entirely destroyed by long exposure to the elements, but iron pin, 8 1/2 in. long, 1/2 in. diam., remained, driven in rocks at highest point of mountain between California Gulch and Old Oro Blanco Gulch, surrounded by old monument of stones. I therefore made a drill hole 1 1/2 ft. deep, and drove therein an iron pipe, 1 1/2 in. diam., 3 1/2 ft. long, with bottom sawed across twice and expanded at bottom of hole by wedge. Over this pipe I forced a galvanized iron pipe 10 1/2 ft. long, 2 in. diam., painted with red and white enamel in alternate feet, and marked with metal stamps -(U.S.M.M.No.5. - O.B.D.). Surrounded same with mound of stones 4 ft. high and 4 ft. diam. at top. Whence:-

W. Side of perpendicular bluff-Picacho Pk. at base,	bears	N. 21° 57' E.
" " " " " " " "	"	N. 22° 01' E.
S. Side top of ventilator - Old Glory house		N. 34° 2' W.
N.E. Cor. Old Oro Blanco Mill.	brs.	N. 55° 5' W.
Center stack - old Warsaw Roasting Furnace	brs	N. 82° 31 1/2' W.
" Sorrel Top Head Frame - pulley shaft	"	S. 85° 45' W.
Lower N.E. Cor. Tres Amigos Mill.	"	S. 84° 47' W.
Black Diamond Smoke Stack	"	S. 26° 59' W.
W. End top roof main bldg. Kelly Camp	"	S. 8° 21' W.
Lower N.E. Cor. new Progressive Mill	"	S. 17° 16' E.
Common South Cor. Sections 32 & 33, T 22 S, R 11 E,		
G. & S.R.M. bears (16332.30 ft.)		N. 8° 28' E.
No suitable bearing rocks or trees available.		
Var. 13° 35' E,	Lat. 31° 25' N.	Aprox Alt. 4200. ft.

ReEstablished March 1st. 1913.

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

16332  
16332  
16332



JAN 14 1913

Notice of Mining Location

Lode Claim

To All Whom it May Concern:-

This mining claim, the name of which is the KELTONIA 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 E. C. Pierce, a citizen of the U. S., the undersigned, on the 16th day of April, 1905.

The length of this claim is 150 feet and I claim 75 feet in a westerly direction and 75 feet in an easterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 150 feet in width of the surface groundson each side of the center of said claim§ The general course of the lode deposit and premises is from the east to the west.

The claim is situated and located in the Oro Blanco Mining District, in Santa Cruz County, in the Territory of Arizona, about 86 miles in a southerly direction from Tucson, and about 3000 feet in a westerly direction from U. S. Mineral Monument No. #5 of said district.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones at a point in an easterly direction 75 feet from the discovery shaft, (at which this notice is posted) being in the center of the easterly end line of said claim; thence northerly 150 feet to a monument of stone, being the north easterly corner of said claim; thence westerly 150 feet to a monument of stones being at the northwesterly corner of said claim; thence southerly 150 feet to a monument of stones at the center of the westerly end of said claim; thence southerly 150 feet to a monument of stones being at the southwesterly corner of

said claim; thence easterly 150 feet to a monument of stones at the south easterly corner of said claim; thence northerly 150 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 16th, 1901.

Dated and posted on the ground this 16th day of April, 1905.

E. C. Pierce.

Witness

J. S. Mann

Filed and recorded at request of E. C. Pierce June 15, A. D. 1905 at 9 A. M.

Phil Herold, County Recorder.

State of Arizona, )  
County of Santa Cruz.) : s s.

I, Phil Herold county Recorder in and for the County and State aforesaid, do hereby certify that the foregoing is a full, true and correct copy of location notice of the KELTONIA mining claim, situated in the Oro Blanco Mining District, in Santa Cruz County, Arizona, as the same appears of record in my office in Book 5 of Mining Locations at pages 454, 455 and 456.

In witness whereof, I have hereunto set my hand and affixed my official seal this 9th day of January, A. D. 1913.

*Phil Herold*  
County Recorder.



JAN 14 1913

## NOTICE OF MINING LOCATION

Lode Claim

TO ALL WHOM IT MAY CONCERN:-

This mining claim, the name of which is the LITTLE ORO BLANCO mining claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by A. E. Bogan, J. W. Bogan and William B. Perry, the undersigned, on the 28 day of August, 1902.

The length of this claim is 400 feet and we claim 200 feet in a south easterly direction and 200 feet in a north westerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds on each side of the center of said claim. The general course of the lode deposit and premises is from the north west to the south east.

The claim is situated and located in the Oro Blanco Mining District, in Santa Cruz County, in the Territory of Arizona, about 500 yards in a westerly direction from J. B. McClenahans ranch.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument at a point in a south easterly direction 200 feet from the discovery shaft (at which this notice is posted), being in the center of the south easterly end line of said claim; thence northerly 300 feet to a monument being the south easterly corner of said claim (north easterly corner of said claim; thence south westerly 300 feet to a monument at) thence north westerly 400 feet to a monument being at the center of the north westerly end of said claim; thence south westerly 300 feet to a monument being at the north westerly corner of said claim; thence south easterly 400 feet to a monument.

at the south westerly corner of said claim; thence north 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 to Revise and Codify the Laws of the Territory of Arizona, approved March 16th, 1901.

Dated and posted on the ground this 28th day of August, 1902.

A. F. Bogan.

J. W. Bogan.

W. B. Perry.

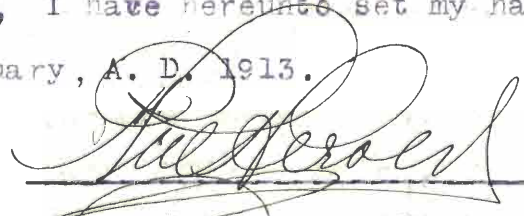
Filed and recorded at request of S. F. Noon, Nov. 28, A. D. 1902 at 9:30 A. M.

Phil Herold, Co. Recorder.

State of Arizona, )  
                                  :  
County of Santa Cruz.)     S. S.

I, Phil Herold, County Recorder in and for the County and State aforesaid, do hereby certify that the foregoing is a full, true and correct copy of location notice of the Little Oro Blanco mining claim, situate in Oro Blanco Mining District, in Santa Cruz County, Arizona, as the same appears of record in my office in Book 3 of Mining Locations at pages 431, 432 and 433.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 9th day of January, A. D. 1913.

  
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County Recorder.



JAN 14 1913

## Notice of Mining Location

## Quartz Claim

To All Whom it May Concern:-

This mining claim, the name of which is the MONSTER 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 P. M. Bogan and P. J. Bartlett, by the undersigned, on the 10<sup>th</sup> day of February, 1903.

The length of this claim is 1400 feet and we claim 1000 feet in a southerly direction and 400 feet in a northerly 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 Northerly to the Southerly.

The claim is situated and located in the Oro Blanco Mining District in Santa Cruz County, in the Territory of Arizona, about 900 feet in a westerly direction from old Oro Blanco mine and joins the Monarch mine on northerly end.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument at a point in a northerly direction 400 feet from the discovery shaft (at which this notice is posted), being in the center of the northerly end line of said claim; thence easterly 300 feet to a mon. being the N. easterly corner of said claim; thence southerly 1400 feet to a monument being at the south easterly corner of said claim; thence westerly 300 feet to a monument being the center of the southerly end of said claim; thence westerly 300 feet to a mon. being at the south westerly

corner of said claim; thence westerly 300 feet to a monument at the N. Westerly 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 to Codify and Revise the Laws of the Territory of Arizona, approved March 16, 1901.

Dated and posted on the ground this 10<sup>th</sup> day of February, 1903.

P. M. Bogan.

P. J. Bartlett.

Filed and recorded at request of S. F. Noon, Apr. 2, A. D. 1903 at 9 A. M.

Phil Herold,

County Recorder.

State of Arizona,) : s s.  
County of Santa Cruz.)

I, Phil Herold, County Recorder in and for the County and State aforesaid, do hereby certify that the foregoing is a full, true and correct copy of location notice of the MONSTER mining claim, situated in the Oro Blanco Mining District,

Santa Cruz County, Arizona, as the same appears of record in my office in Book 3 of Mining Locations at pages 578 and 579.

In witness whereof, I have hereunto set my hand and official seal this 9th day of January, A. D. 1913.

  
County Recorder.



JAN 14 1913

PARALEL MINING CLAIM.

Notice of Mining Location.

Quartz Claim.

TO ALL TO WHOM IT MAY CONCERN: This Mining claim, the name of which is the Paralel 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 explozation and purchase by A. E. Bogan, W. B. Parry and J. W. Bogan, the undersigned on the 25th day of September 1896 - The length of the claim is fifteen hundred feet and we claim three hundred 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 Southeast to the Northwest. The claim is situated and located in Oro Blanco Mining District, in Pima County, in the Territory of Arizona, about 1000 feet, Southwesterly direction from J. B. McGlanahan House and is a paralel <sup>claim</sup> to the Old Oro Blanco, on West side. The surface boundaries of the claim are marked upon the ground as follows, Beginning at a point in a Southeasterly direction 500 feet from the discovery shaft, at which this notice is posted, being in the center of the Southeasterly end line of said claim, thence Southwesterly 300 feet to a monument of stone being the Southwest corner of said claim, thence Northwesterly 750 feet to a monument at the center of the Southwesterly side line of said claim, thence Northwesterly 750 feet to a monument being at the Northwest corner of said claim, thence Northeasterly 300 feet to a monument at the center of the Northwesterly end of said claim, thence Northeasterly 300 feet to a monument being at the corner of said claim thence Southeasterly 750 feet to a monument being at the center of the Easterly side line of said claim, thence Southeasterly 750 feet to a monument at the Southeasterly corner of said claim, thence Southwesterly 300 feet to the place of beginning- All done under the provisions of Chaper 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 25th day of September, 1896.

77.371

A. E. BOGAN,  
 J. W. BOGAN,  
 W. B. PERRY.

Filed and recorded request of A. E. Bogan December 24th, 1896, at 9 A.M.  
 Charles A. Shibell, County Recorder.

STATE OF ARIZONA )  
County of Pima ) ss.

I, P. E. HOWELL, County Recorder in and for the County of Pima, do hereby certify that the above and foregoing is a full, true and correct copy of the original location notice of the "Paralel Mining Claim" as appears of record now in my office in Book F F Records of Mines, at page 371.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson, this 13th day of January, A. D. 1913.

*P. E. Howell*  
COUNTY RECORDER OF Pima County, Arizona.

SORREL TOP MINE.

NOTICE OF LOCATION.

NOTICE IS HEREBY GIVEN that the undersigned, in compliance with the requirements of the Mining Act of Congress, approved May 10, 1872, have this day located and claim fifteen hundred linear feet along the course of this lead, lode or vein of mineral-bearing quartz three hundred feet in width on each side of the middle of said lead, lode or vein, situate in the Oro Blanco Mining District, County of Pima, Arizona, and more particularly described as follows, to-wit:

Commencing at this monument of stones, being the center of the Northernly end of the claim, and upon which this notice is posted; thence Westerly 300 feet to a monument of stones; thence Southerly 1500 feet to a monument of stones; thence Easterly 300 feet to a monument of stones; being the center of Southerly end of claim; thence Easterly 300 feet to a monument of stones; thence Northerly 1500 feet to a monument of stones; thence Westerly 300 feet to place of beginning.

This claim is the Southerly extension of the Mary Josephine, and takes in that ground laying between the San Juan and Mc Clanhans Cross Lead and shall be know as the Sorrel Top Mine.

Located February 26th, 1894.

WM. PERRY,  
J. W. BOGAN,  
J. THUSCOTT.  
A. E. BOGAN.


Filed and recorded at request of J. W. Bogan April 16th, A D, 1894, at 9A.M.

CHAS. A. SHIBELL, County Recorder.

STATE OF ARIZONA)  
County of Pima) ss.

I. P. E. HOWELL, County Recorder in and for the County of Pima, do hereby certify that the above and foregoing is a full, true and correct copy of the original location notice of the "Sorrel Top Mine", as appears of record now in my office in Book E E, Records of Mines, at page 7.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson, this 13th day of January, A. D. 1913.

  
COUNTY RECORDER of Pima County, Arizona.

JAN 14 1913

## P &amp; B MINE.

## LOCATION NOTICE.

NOTICE IS HEREBY GIVEN, that the undersigned, in compliance with the requirements of the Mining Act of Congress, approved May 10th, 1872, has this day located and claim 1500 hundred linear feet along the course of this lead, lode or vein of mineral-bearing quartz and 300 feet in width on each side of the middle of said lead, lode or vein, situate in the Oro Blanco Mining District, County of Pima, Arizona, and more particularly described as follows, to-wit:

Commencing at this monument of stones, being the center of the Southerly end of claim, and upon which this notice is posted; thence Easterly 300 feet to a monument of stones; thence Northerly 1500 feet to a monument of stones; thence Westerly 300 feet to a monument of stones, being the center of Northerly end of claim; thence Westerly 300 feet to a monument of stones; thence Southerly 1500 feet to a monument of stones; thence Easterly 300 feet to place of beginning.

This claim is situated about  $\frac{1}{4}$  of a mile Easterly from the old Warsaw Mill and runs parallel to the Maria Josephine on Easterly side line and shall be known as the P & B Mine.

Located February 23 1894.

P & B Mine. Filed and recorded at request of A E Bogan, March 17, 1894, at 5.p.m., in Book D, page District Records of Oro Blanco Mining District, Pima County, Arizona.  
A. E. BOGAN,  
J. W. BOGAN,  
WM. PERRY.  
G. J. PHILLIPS, Deputy Recorder.

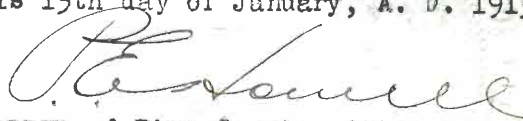
Filed and recorded at request of Joe Scott, March 28, A.D. 1894, at 9:00 A.M.

THAS A. SHIBELL, County Recorder.

STATE OF ARIZONA)  
County of Pima) ss.

I. P. E. HOWELL, County Recorder in and for the County of Pima, do hereby certify that the above and foregoing is a full, true and correct copy of the original location notice of the "P & B Mine", as appears of record now in my office in Book D D, Records of Mines, at page 784.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson, this 13th day of January, A. D. 1913.

  
COUNTY RECORDER of Pima County, Arizona.



OLD ORO BLANCO MINE.

LOCATION NOTICE.

Notice is hereby given that the undersigned, in compliance with the requirements of the Mining Act of Congress, approved May 10th, 1872, has this day located and claim 1500 linear feet along the course of this lead, lode or vein of mineral bearing quartz, and 300 feet in width on each side of the middle of said lead, lode or vein, situate in the Oro Blanco Mining District, County of Pima, Arizona, and more particularly described as follows, to-wit:

Commencing at this monument of stones, being the center of the easterly end of claim, and upon which this notice is posted; thence Northerly 300 feet to a monument of stones; thence Westerly 1500 feet to a monument of stone; thence Southerly 300 feet to a monument of stone, being the center of Westerly end of claim; thence Southerly 300 feet to a monument of stones; thence Easterly 1500 feet to a monument of stones; thence Northerly 300 feet to place of beginning.

This claim is situated about two hundred yards southerly from the old Oro Blanco cabins and about 1 1/2 miles southeasterly from the old Esperanza Mill, and shall be known as the Old Oro Blanco Mine.

Located January 1st, 1893.

Old Oro Blanco Mine, filed and recorded request of W.B. Perry, January 1st, 1893, at 4:00 P.M., in Book D, page 324, District Records Oro Blanco Mining District, Pima County, Arizona.  
J. G. PHILLIPS,  
Deputy Recorder.

Locator.  
William B. Perry

Filed and recorded at request of G. J. Phillips, January 13th, A.D. 1893, at 9:00 A.M.  
CHARLES A. SHIBELL,  
County Recorder.

State of Arizona)  
County of Pima) ss.

I, P. F. HOWELL, County Recorder in and for the County of Pima, do hereby certify that the above and foregoing is a full, true and correct copy of the Original Location notice of "Old Oro Blanco Mine", as appears of Record now in my office in Book D D, Records of Mines, at page 51.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, this 13th day of January, A. D. 1913.



COUNTY RECORDER of Pima County, Arizona .

JAN 14 1913

EXTENSION MINE.

NOTICE OF LOCATION.

NOTICE IS HEREBY GIVEN, that the undersigned, in compliance with the requirements of the Mining Act of Congress, approved May 10, 1872, has this day located and claim 1500 hundred linear feet along the course of this lead, lode or vein of mineral-bearing quartz and 300 feet in width on each side of the middle of said lead, lode or vein, situate in the Oro Blanco Mining District, County of Pima, Arizona, and more particularly described as follows, to-wit:

Commencing at this monument of stones, being the center of the Westerly end of the claim, and upon which this notice is posted; thence Southerly 300 feet to a monument of stones; thence Easterly 1500 feet to a monument of stones; thence Northerly 300 feet to a monument of stones; being the center of Easterly end of claim; thence Northerly 300 feet to a monument of stones; thence Westerly 1500 feet to a monument of stones; thence Southerly 300 feet to the place of beginning.

This claim is about three hundred yards Southerly from Mc Glanahan House and joins onto the Easterly end of the Old Oro Blanco Mine and runs parallel to the Old Oro Blanco No. 3 on the Southerly side and shall be known as the Extension Mine.

Located Spetember 3rd, 1894

Extension Mine.  
Filed and Recorded at request W.P.Perry.  
September 20- 1894 at 1.P.M. in Book  
D, page 367 District Records Oro Blanco  
Mining District Pima County, Arizona,  
G. J. PHILLIPS, Deputy Recorder.

W. B. PERRY, Locator.

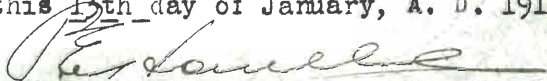
Filed and recorded at request of W. B. Perry, September 24th, A.D. 1894, at 9 A.M.

CHAS. A. SHIBELL, County Recorder.

STATE OF ARIZONA)  
County of Pima) ss.

I, P. E. HOWELL, County Recorder in and for the County of Pima, do hereby certify that the above and foregoing is a full, true and correct copy of the original location notice of "Extension Mine" as appears of record now in my office in Book E E Records of Mines, at page 204.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson, this 13th day of January, A. D. 1913.



COUNTY RECORDER of Pima County, Arizona.

JAN 14 1913

TRES AMIGOS MINE.

NOTICE OF LOCATION.

NOTICE IS HEREBY GIVEN that the undersigned, in compliance with the requirements of the Mining Act of Congress, approved May 10th, 1872, has this day located and claim 1500 hundred linear feet along the course of this lead, lode or vein of mineral bearing quartz, and 300 feet in width on each side of the middle of said lead, lode or vein, situate in the Oro Blanco Mining District, County of Pima, Arizona, and more particularly described as follows, to-wit:

Commencing at this monument of stones, being the center of the Southerly end of the claim, and upon which this notice is posted; thence Easterly 300 feet to a monument of stone; thence Notherly 1500 feet to a monument of stone; thence Westerly 300 feet to a monument of stones, being the center of Northerly end of claim; thence Westerly 300 feet to a monument of stones; thence Southerly 1500 feet to a monument of stones; thence Easterly 300 feet to the place of beginning.

This claim is about one mile Southerly from the Warsaw Mill and shall be known as the Tres Amigos Mine.

Located February 14th, 1894.

WAT GROCOME,  
MARTIN MC NAMARA,  
PRESTILANO ARBALLO

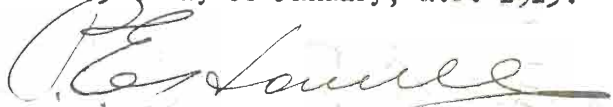
Filed and recorded at request of J. G. Phillips April 11th, A.D. 1894, at 9 A.M.

CHARLES A. SHIBELL, County Recorder.

STATE OF ARIZONA)  
County of Pima) ss.

I, P. E. HOWELL, County Recorder in and for the County of Pima, do hereby certify that the above and foregoing is a full, true and correct copy of the original location notice of "Tres Amigos Mine", as appears of record now in my office in Boo D D, Records of Mines, at page 799?

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson, this 13th day of January, A.D. 1913.

  
COUNTY RECORDER, Pima County, Arizona.



JAN. 14. 1913

## SAN JUAN MINE.

## NOTICE OF LOCATION.

NOTICE IS HEREBY GIVEN that the undersigned, in compliance with the requirements of the Mining Act of Congress, approved May 10th, 1872, have this day located and claim 1500 hundred linear feet along the course of this lead, lode or vein of mineral-bearing quartz and 300 feet in width on each side of the middle of said lead, lode or vein, situate in the Oro Blanco Mining District, County of Pima, Arizona, and more particularly described as follows, to-wit:

Commencing at this monument of stones, being the center of the Northerly end of the claim, and upon which this notice is posted; thence Easterly 300 feet to a monument of stones; thence Southerly 1500 feet to a monument of stones; thence Westerly 300 feet to a monument of stones, being the center of Southerly end of claim; thence Westerly 300 feet to a monument of stones; thence Northerly 1500 feet to a monument of stones; thence Easterly 300 feet to the place of beginning.

This claim is about one-half of a mile Southerly from the Warsaw Mill and shall be known as the San Juan Mine.

Located February 14th, 1894.

NAT GROCOMB,  
MARTIN MC NAMARA,  
PRISTIANO APBALLO.

Filed and recorded at request of G. J. Phillips, April 11th, A.D. 1894, at 9 A.M.

CHAS. A. SHIBELL, County Recorder.

STATE OF ARIZONA)  
County of Pima) SS.

I, P. E. HOWELL, County Recorder in and for the County of Pima, do hereby certify that the above and foregoing is a full, true and correct copy of the original location notice of the "San Jaun Mine", as appears of record now in my office in Book D D Records of Mines, at page 798.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson, this 13th day of January, A. D. 1913.

  
COUNTY RECORDER of Pima County, Arizona.

JAN 14, 1913

CAÑADA MINE.

Notice of Location.

NOTICE IS HEREBY GIVEN that the undersigned, in compliance with the requirements of the mining Act of Congress, approved May 10, 1872, has this day located and claim 1500 hundred linear feet along the course of this lead, lode or vein of mineral-bearing quartz and three hundred feet in width on each side of the middle of said lead, lode or vein, situate in the Oro Blanco Mining District, County of Pima, Arizona, and more particularly described as follows, to-wit:

Commencing at this monument of stones, being the center of the Southerly end of the claim, and upon which this notice is posted; thence Easterly 300 feet to a monument of stones; thence Northerly 1500 feet to a monument of stones; thence Westerly 300 feet to a monument of stones, being the center of Northerly end of claim; thence Westerly 300 feet to a monument of stones; thence Southerly 1500 feet to a monument of stones; thence Easterly 300 feet to the place of beginning.

This claim is about one mile Southerly from the Warsaw Mill and runs parallel with the Tres Amigos Mine and shall be known as the Cañada Mine.

Located April 30th, 1894.

NAT CROCOMB,  
MARTIN MC NAMARA,  
PRISTILLANO ARBALLO.

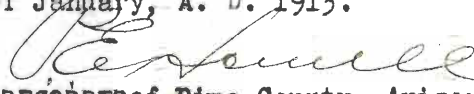
Filed and recorded at request of G J Phillips June 20th, A.D. 1894, at 9 A.M.

CHARLES A. SHIBELL, County Recorder.

STATE OF ARIZONA)  
County of Pima) ss.

I, P. F. HOWELL, County Recorder in and for the County of Pima, do hereby certify that the above and foregoing is a full, true and correct copy of the original location notice of the "Cañada Mine", as appears of record in my office in Book E E Records of Mines, at page 116.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson, this 13th day of January, A. D. 1913.

  
COUNTY RECORDER of Pima County, Arizona.

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

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

Phoenix, Arizona,

January 8, 1914.

I, U. S. Surveyor General for District of Arizona, do hereby certify that the foregoing transcript of the Field Notes, return and approval of the Survey of the mining claim of W. E. Doster, Trustee, known as the OLD ORO BLANCO, EXTENSION, PARALEL, SORREL TOP. P & B, MONSTER, TRES AMIGOS, SAN JUAN, CAÑADA, LITTLE ORO BLANCO, KELTONIA.

, situate in ORO BLANCO Mining District, SANTA CRUZ County, ARIZONA, in Sections 17, 18, 19, 20, Township No. 23 S, Range No. 11 E., Unsur., and designated as Survey No. 3042

, has been correctly copied from the originals on file in this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

And I further certify that five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimant or his grantors, and that said improvements consist of 26 shafts, 23 cuts, 26 tunnels, 3 winzes, 5 drifts and 3 crosscuts, total value \$72,537.30. Improvement No. 11 on the Old Oro Blanco lode being a common improvement for the benefit and development of the Old Oro Blanco, Keltonia, Little Oro Blanco, Paralel and Monster lodes of this survey, and only said lodes, an undivided 1/5 interest therein, value \$1200, is properly credited to each of said lodes.

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,

January 8, 1914.

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

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the  
Mining Claim of W. E. Doster, Trustee,

known as the  
OLD ORO BLANCO, EXTENSION, PARALEL, SORREL TOP, P & B, MONSTER,  
TRES AMIGOS, SAN JUAN, CAÑADA, LITTLE ORO BLANCO, KELTONIA.

situate in ORO BLANCO mining district,

SANTA CRUZ County, ARIZONA.

in Section s 17, 18, 19, 20, Township No. 23 S., Range No. 11 E., Unsur.

designated as Survey No. 3042.

executed by Paul E. Fernald, U. S. ~~Deputy~~ Mineral  
Surveyor, February 25, -April 6, 1913., 1900, under my instructions dated

January 15, 1913, 1900, 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.

*Paul E. Fernald*

U. S. Surveyor-General for Arizona.