

(4-683.)

Mineral Survey No. 3059

Lot No. _____

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Mary M. Costello

KNOWN AS THE

Outlook No. 1, Outlook No. 2, Etta No. 1, Etta No. 2

Turquoise Mining District,

Cochise County, Arizona

Section S. 28-33, Township 19S, Range 25E

Surveyed under instructions dated May 24, 1913

by John A. Rockefeller
U. S. Deputy Mineral Surveyor

Claim located ^{Location} See Notices, 1

Survey commenced May 6, 1913

Survey completed May 9, 1913

o 6-177

Address of Claimant's Attorney
Lee O. Woolery
Tombstone
Ariz

Outlook No. 1

Beginning at Cor. No.1. the N.E. Cor. of location, identical with Cor. No. 5, Outlook No. 2 lode of this survey and the S.E. Cor. of State of Arizona lode and S.W. Cor. State of Arizona No. 2 lode, both unsurveyed, a pine post 4 ins. square, 3 ins. above ground, in a mound of stone, scribed N.E.C. - 01 add 1 - 3059 also scribed N.W.C. - 02, S.W.C. - S.A. No. 2 and S.E.C. - S.A.

Whence:

The $\frac{1}{4}$ Cor. (iron) between Secs. 28-33 Tpl9S, R25E, bears N87° 00'E - 610.2 ft.

1356.40 Thence S19° 25'E Va. 13° 25'E
 1500.00 Intersect line 5-1, Etta No. 2 lode of this survey, S.65°47'W. 243.3 ft
 To Cor. No. 2, identical with location, a pine post, from Cor. No. 1
 4 ins. square, 3 ft. above ground in a mound of stone, scribed S.E.C. - 01 add 2 - 3059: also scribed S.W.C. - 02 for Outlook No. 2 lode of this survey.

Whence:

X.B.R. 2- 3059 chiseled on a limestone exposing 36x15x6 ins. bears S69° 26'W - 9.2 ft.
 X.B.R. 2-3059 chiseled on limestone bedrock bears S5° 10'E - 9.0 ft.
 Thence S79° 25'W Va. 13° 15'E.

303.50 South Center End identical with location, a cross (X) and S.E.C.-01 chiseled on limestone bedrock, witnessed by a monument alongside add 3059.

607.00 To Cor. No. 3, identical with location and with Cor. No. 3 Survey No. 1618, Silver Reef lode, a pine post, 4 ins. square, 3 $\frac{1}{2}$ ft. above ground, in a mound of stone scribed S.W.C. - 01 add 3-3059 also scribed S.E.C. & S.R.3-1618

Whence:

X.B.R. 3-3059 chiseled on limestone bedrock bears N77° 00'E - 13.5 ft.
 X.B.R. 3-3059 chiseled on limestone bedrock bears N44° 02'W - 19.5 ft. (845.2 ft. from Cor. No. 1.
 On line 5-1, Etta No. 2 lode of this survey, S.65°47'W.
 Thence N19° 25'W Va. 13° 20'E

1500.00 To Cor. No. 4, identical with location and with Cor. No. 2 Survey No. 1618, Silver Reef lode also Cor. No. 3,

Survey No. 2636 Piedmont lode and S.W. Cor. State of Arizona lode, unsurveyed, a pine post 4 ins. square, $2\frac{1}{2}$ ft. above ground in a mound of stone, scribed as above. As post is badly decayed set in its place a red wood post 4 ins. square, 5 ft. long, 1 ft. in ground to hard pan, scribed N.W.C.-01 4-3059 and N.E.C.-S.R. 2-1618 and S.E.C.-P 3-2636 and S.W.C. - S.A.

Whence:

X.B.R. 4-3059 chiseled on a quartzite rock 12x8x3 ins bears $S51^{\circ}05'E - 25.3$ ft.

No other nearby bearings available.

U.S. Mineral Monument No. 1 Turquoise District bears $N74^{\circ}14'W - 6371.0$ ft.

Thence $N79^{\circ}25'E$ Va. $13^{\circ}25'E$

303.5 North Center End, identical with location, a pine post, 4 ins. square, 3 ft. above ground in a mound of stone, scribed N.C.E.-01 add 3059: also scribed S.C.E.-S.T. South Center End for State of Arizona lode, unsurveyed.

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

Outlook No.2

Beginning at Cor. No. 1, the N.E. Cor. of location, a pine post, 4 ins. square, 3 ft. above ground in a mound of stone, scribed N.E.C.-02 add 1-3059: also scribed S.E.C.-S.A.2 for S.E. Cor. State of Arizona No. 2 lode, unsurveyed

Whence:

The $\frac{1}{4}$ Cor. (iron) between Secs. 28-33 Tpl9S, R25E, bears $S9^{\circ}05'E - 80.6$ ft.

Thence $S19^{\circ}25'E$ Va. $13^{\circ}15'E$.

84.35 Intersect line between Secs. 28-33 Tpl9S, R25E, at $N89^{\circ}54'E - 15.3$ ft. from $\frac{1}{4}$ Cor. and $S89^{\circ}54'W - 2629.7$ ft. from Cor. of Secs. 27-28-33-34.

813.7 To Cor. No. 2 a pine post 4 ft. long, one ft. in ground to hard pan, in a mound of stone scribed $\triangle 02$ 2-3059

Whence:

Cor. of location a stone monument bears $S19^{\circ}25'E - 654.1$ ft.

The N.W. Cor. of the 15 lode, unsurveyed, a post in a

mound of stone bears S20° 23'W - 29.5 ft.

X.B.R. 2-3059 chiseled on a quartzite rock 12x9x2ins.

bears N26° 49'E - 30.35 ft.

No other nearby bearings available.

Thence S5° 42'W Va. 13° 10'E,

30.5 Intersect north end 15 lode at S69° 37'E - 7.7 ft. from N.W. Cor.

706.5 To Cor. No. 3, identical with South Center End of location, a pine post 4 ins. square, 3½ ft. above ground in a mound of stone, scribed S.C.E.-02 add 3-3059

Whence:

S.E. Cor. of location a monument of stone bears

N73° 20'E - 300.25 ft.

X.B.R. 3-3059 chiseled on limestone bedrock bears

N75° 58'W - 5.9 ft.

X.B.R. 3-3059 chiseled on limestone outcrop exposing

30x20x4 ins. bears N23° 22'E - 7.45 ft.

Thence S79° 25'W Va. 13° 20'E

26.6 Intersect line 1-2 Etta No. 2 lode of this Survey at S28° 00'E - 208.8 ft. from Cor. No. 1.

208.65 Intersect West side 15 lode, unsurveyed at S20° 23'W - 761.25 ft. from N.W. Cor.

303.5 To Cor. No. 4, identical with location and with Cor. No2 Outlook No. 1 lode of this survey and previously described. To scribing add 4-3059

Thence N19° 25'W. Va. 13°15'E. (243.3 ft. from Cor. No. 1.

143.6 Intersect line 5-1, Etta No. 2 lode of this survey S.65°47'W. A

1500.0 To Cor. No. 5, identical with location and with Cor. No.1

Outlook No. 1 lode of this survey previously described, add to scribing 5-3059

Whence:

U.S. Mineral Monument No. 1 of Turquoise District

bears N76° 28'W - 6920.2 ft.

No nearby bearings available.

Thence N79° 25'E Va.13° 25'E.

168.75 Intersect line between Secs. 28-33 at S89° 53'W - 443.5 ft. from ¼ Cor. and N89° 53'E - 2203.7 ft. from the Cor. of Secs. 28-29-32-33

303.5 North Center End, identical with location, a pine post 4ins. square, 3 ft. above ground in a mound of stone, scribed N.C.E.-02 add 3059 also scribed S.C.E.-S.A.2
South Center End
for State of Arizona No. 2 lode.

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

Etta No.2 lode.

Beginning at Cor. No. 1 the N.E. Cor. of location, a cross (X) and N.E.C.-E2 chiseled on limestone bedrock, exposing 48x16 ins. witnessed by a monument alongside. Add 1-3059. Situate within the boundaries of the Outlook No. 2 lode of this Survey and on the west side line of the 15 lode, unsurveyed.

Whence:

The $\frac{1}{4}$ Cor. between Secs. 28-33 Tpl9S, R25E, bears N3° 00'W - 1213.0 ft.

X.B.R. 1-3059 chiseled on limestone bedrock, exposing 18x18 ins. bears S62° 25'W - 11.73 ft.

X.B.R. 1-3059 chiseled on face of limestone reef 60x12 ins. bears S81° 50'E - 25.35 ft. The N.W. Cor.

of 15 lode, unsurveyed, bears N20° 23'E - ~~528.9~~ 964.3 ft. and its S.W. Cor. bears S.20°23'W.

The intersection of west side ^{line} said 15 lode with line 3-4 Outlook No. 2 lode of this survey bears S20°23'W 232.35 ft.

Thence S28° 00'E Va. 13° 00'E

208.8 Intersect line 3-4 Outlook No. 2 lode of this Survey at N79° 25'E - 276.9 ft. from Cor. NO, 4 and S79° 25'W - 26.6 ft. from Cor. No. 3 and N79° 25'E - 182.05 ft. from the intersection of said line 3-4 Outlook No. 2 lode with west side ^{line} 15 lode unsurveyed.

300.0 To Cor. No. 2, identical with East Center End of location, a cross (X) and E.C.E.-E2 chiseled on limestone bedrock witnessed by a monument alongside. Add 2-3059.

Whence:

S.E. Cor. of location a mound of stone bears S28° 00'E 300 ft.

Thence S39° 40'W Va. 12° 25'E.

679.5 To Cor. No. 3, a pine post 4 ins. square, 4 ft. long, set 1 ft. in ground to hard pan in a mound of stone on the west line of 15 lode, unsurveyed, scribed S.E.C.-E 2 3-3059.

Whence:

S.E. Cor. of location bears N65° 48'E - 630.0 ft.

The S.W. Cor. of 15 lode, unsurveyed, a post in a mound of stone bears S20° 23'W - 123.8 ft.

Cor. No. 1 of this lode bears N20° 23'E - 840.5 ft.

No rock or tree bearings available.

Thence S65° 46'W Va. 13° 15'E.

833.6 To Cor. No. 4, identical with location and with Cor. No.3 Etta No. 1 lode of this survey, a pine post, 4 ins. square, 3 ft. above ground in a mound of stone, scribed S.W.C.-E 2 S.E.C.-E 1 Add 4-3-3059.

Whence:

A post in a mound of stones scribed W.C.E.-W, bears N9° 30'E - 259.3 ft.

A post in a mound of stones scribed S.W.C.-W bears S26° 13'E - 49.7 ft.

No rock or tree bearings available.

Thence N28° 00'W Va. 13° 20'E.

300.0 West Center End, identical with location and with East Center End Etta No. 1 lode of this survey, a pine post 4 ins. square, 3½ ft. above ground, in a mound of stone scribed W.C.E. - E 2 and E.C.E. - E 1 Add 3059.

600.0 To Cor. No. 5, identical with location and with Cor. No. 2 Etta No. 1 lode of this survey, on line 3-4 of Crown Point lode, Survey No. 1618, a pine post 4 ins. square, 3½ ft. above ground in a mound of stone, scribed N.W.C.-E2 and N.E.C.-E1 add 5-2-3059.

Whence:

U.S.M.M. No.1 Turquoise District bears N60° 44'W - 6953.6 ft.

X.B.R. 5-2-3059 chiseled on limestone 5x5x4 ft. bears N8° 56'W - 34.77 ft.

X.B.R. 5-2-3059 chiseled on limestone bedrock expos-

- ing 3x4 ft. bears N37° 50'W - 41.30 ft.
 Thence N65° 47'E Va. 13° 12'E.
- 16.4 Intersect line 4-1 Silver Reef lode Survey No. 1618 at
 N19° 25'W - 67.7 ft. from Cor. No. 4
- 618.4 Cor. No. 3 Silver Reef lode Sur. No. 1618 and No. 3
 Outlook No. 1 lode of this survey. Cor.No.4, said Silver Reef
 lode brs. S. 59° 27'W. 611.4 ft. Cor.No.2 Outlook No.1 lode, this
 survey brs. N. 79° 25'E. 607 ft.
- 1220.3 Intersect side 2-1 Outlook No. 1 and 4-5 Outlook No.2
 lodes of this survey at N19° 25'W - 143.6 ft. from Cor.S.
 Nos. 2 and 4.
- 1463.6 To Cor. No. 1 the place of beginning.
- Etta No. 1
- Beginning at Cor. No. 1, the N.W. Cor. of location,
 a pine post 4 ins. square, 3 ft. above ground in a mound
 of stone, scribed N.W.C.-E1 ADD 1-3059
- Whence:
- The $\frac{1}{4}$ Cor. (iron) between Secs. 32-33 Tpl9S R25E,
 bears S70° 55'W - 257.5 ft.
- U.S.M.M. No. 1 Turquoise District bears N49° 51'W - ~~645~~
 6457.5 ft.
- X.B.R. 1-3059 chiseled on a limestone 30x24x18 ins.
 bears S1° 50'E - 17.5 ft.
- Thence N55° 57'E Va. 13° 15'E
- 92.0 Center of gulch 30 ft. wide, course S.S.E.
- 301.7 Cor. 4 Crown Pointe lode Sur. No. 1618.
- 1363.7 To Cor. No. 2, identical with location and with Cor. No.5
 Etta No. 2 lode of this survey, previously described.
- Thence S28° 00'E Va. 13° 12'E
- 300.0 East Center End, identical with location and with West
 Center End Etta No. 2 lode of this survey, previously
 described.
- 600.0 To Cor. No. 3, identical with location and with Cor.
 No. 4 Etta No. 2 lode of this survey, previously des -
 cribed.
- Thence S55° 57'W. Var. 13° 20' E.
- 1138.0 Center of gulch 20 ft. wide. Course S.E.

1363.7 To Cor. No. 4, identical with location, a pine post, 4 ins. square, 3 ft. above ground in a mound of stone, scribed S.W.C.-E1, add 4-3059

Whence:

A post in a mound of stone scribed N.W.C.-A bears N6° 30'W - 53.7 ft.

X.B.R. 4-3059 chiseled on limestone 12x10x2 ins. bears S60° 30'E - 22.4 ft.

X.B.R. 4-3059 chiseled on limestone 8x6x1 ins. bears S29° 35'W - 17.3 ft.

Thence N28° 00'W Va. 13° 20'E

300.0 West Center End, identical with location, a pine post 4 ins. square, 3 ft. above ground in a mound of stone, scribed W.C.E. - E 1 , add 3059.

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

A R E A S.

	Acres
Total Area Outlook No. 1 lode	20.645
Total Area Outlook No. 2 lode	18.291
Total Area Etta No.2 lode	17.946
Total Area Etta No. 1 lode	18.679

Areas in conflict

Etta No. 2 - 15 lode unsurveyed	2.164
Etta No. 2 - Outlook No. 1	0.989
Etta No. 2 - Outlook No. 2	1.033
Common Conflict Etta No.2 - OutlookNo.2 - 15	0.416
Outlook No. 2 - 15	1.622
Etta No. 2 Silver Reef Survey No.1618	0.466

L O C A T I O N .

This claim is located in Turquoise Mining District, Cochise County, Arizona, in Secs. 28 and 33 Tp.19S, R.25E.

LODE LINES.

The presumed course of the veins on the several locations is as follows:

Outlook No.1: from South Center End N19° 25'W to North

Center End -----1500 ft.

Outlook No.2: from South Center End N19° 25'W to North

Center End -----1500. ft.

Etta No. 2: from West Center End N65° 47'E to East

Center End ----- 1463.6ft.

Etta No. 1: from West Center End N55° 57'E to East

Center End ----- 1363.7 ft.

A D J O I N I N G C L A I M S .

On the North: Crown ~~points~~ and Silver Reef lodes Survey No.1618.

Estate of Martin Costello Claimant.

State of Arizona and State of Arizona No. 2 lodes unsurveyed.

M.H.O'Connor Claimant.

An unknown lode, unsurveyed.

T.P.Cowen Claimant.

On the East: 15 lode, unsurveyed.

Henry Gaetjens Claimant.

On the South:Willis lode, unsurveyed.

John E. Penberthy Claimant.

E X P E N D I T U R E O F F I V E H U N D R E D D O L L A R S .

I certify that the ~~xxxx~~ value of the labor and improvements made upon, or for the benefit of, each of the locations embraced in said mining claim, by the claimant or her grantors is not less than five hundred dollars for each claim, and that said improvements consist of:

Outlook No. 1 ~~lode~~.

From North Center End.

No. 1 Discovery shaft, the center of west side of which bears S19° 25'E - 934 ft. Shaft 6x4 ft., 9 ft. deep in rock.

Value \$80.00

No. 2 A shaft, the center of which bears S8° 58'E - 577.5 ft., 6x4 ft. slightly inclined, 56 ft. deep, 4 ft. of which is above original surface of ground, Near

the bottom is drift southeastward 4 ft. drift, 6x4 ft. from westward is a drift 30 ft. connecting with shaft No. 3, drift 6x4 ft. considerable stoping also.

Value 52 ft. shaft at \$10.	\$520.00
34 ft. drift at \$10.	340.00

No. 3 A shaft, the center of which bears S6° 36'E - 548 ft. Shaft 7x5 ft., 28 ft. deep, much stoping both east and west.

Value 28 ft. at \$11.	\$308.00
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From a point on lode line at S19°25'E - 804.9ft. from N. C. E.

No. 4 A shaft, the center of which bears S54° 40'W - 171.5 ft. Shaft 6x4 ft., 25 ft. deep.

Value at \$10.00 per foot.	\$250.00
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No. 5 A shaft, the center of which bears S50° 20'W - 152.0 ft. Shaft 6x4 ft., 10 ft. deep.

Value	\$100.00
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No. 6 A shaft, the center of which bears S40° 40'W - 119.0 ft. Shaft 6x4 ft. ^{8ft} deep.

Value	\$70.00
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Outlook No. 2

No. 1 Discovery shaft, the center of east end of which bears from North Center End S19° 25'E - 1101. ft. Shaft 6x4 ft., 9½ ft. deep in rock.

Value	\$95.00
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From Cor. No. 2

Note: The following improvements are in a cement conglomerate formation not so hard as the limestone at other parts of the group: it is said to require blasting.

No. 2 A shaft, the center of which bears S69° 48'W-345 ft. Shaft 6x4½ ft., 9½ ft. deep.

Value	\$50.00
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No. 3 A shaft, the center of which bears S69° 45'W-370.ft. Shaft 6x4 ft., 9½ ft. deep.

Value	\$45.00
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- No.4 A shaft, the center of which bears S73° 18'W -
423.5 ft. Shaft 6x4 ft., 10 ft. deep.
Value \$50.00
- No. 5 A shaft, the center of which bears S80° 33'W -
429.0 ft. Shaft 6x4 ft., 7½ ft. deep.
Value \$30.00
- No.6 A shaft, the center of which bears N83° 37'W -
465.0 ft. Shaft 6x4 ft., 11 ft. deep.
Value \$55.00
- No. 7 A shaft, the center of which bears N75° 52'W -
539 ft. Shaft 6x4½ ft. 14½ ft. deep.
Value \$90.00
- No.8 Shaft, the center of which bears N66° 00'W -
477.5 ft. Shaft 6x4 ft., 10 ft. deep.
Value \$50.00
- No. 9 A cut, the mouth of which bears S69° 04'W - 298 ft.
Cut 12 ft. westerly, 4 ft. wide, at back is shaft
6x4 ft. Shaft and face 9 ft.
Value \$45.00
- Etta No. 2 Lode.

From West Center End.
- No. 1 Discovery work: the northerly edge of which bears
N65° 47'E - 480 ft. A cut 4 ft. wide extends
southerly down a limestone slope cross cutting
veins. The cut varies in depth from one to two
feet for 23 ft. then becomes a shaft 5x4 ft.,
4 ft. deep. Immediately north east is an open stope
4 ft. wide extending northeasterly 6 ft., 7 ft.
4 ft.
deep, thence 4 ft. deep.
Value of entire work \$200.00
- No.2 Shaft, the center of which bears N64° 45'E- 115 ft.
Shaft 5½x4½ ft., 11 ft. deep in cement.
Value \$50.00
- No. 3 Shaft, the center of which bears N66° 30'E-198 ft.
Shaft 6x4 ft., 15 ft. deep in cement
Value \$75.00

No. 4 A shaft, the center of which bears N80° 56'E - 444. ft
Shaft 7x4 ft. at top, 4x4 ft. at bottom, 13 ft. deep

Value \$110.00

From Cor. No. 3

No. 5 Shaft, the center of which bears N48° 30'W - 124 ft.
Shaft 8x5 ft., 7 ft. deep, partly in earth and
cement, 2 ft. in rock.

Value \$40.00

No. 6 Shaft, the center of which bears N73° 35'W -
290 ft. Shaft 6x4 ft. 8 ft. deep, and a cut extend-
ing 12 ft. 3x4.

Value of shaft and cut

Value \$100.00

Etta No. 1
From West Center End.

No. 1 Discovery shaft, the center of northerly edge of
which bears N55° 57'E - 212.5 ft. Shaft 6x4 ft.,
9½ ft. deep.

Value \$90.00

No. 2 Cut and shaft, the center of mouth of which bears
N53° 10'E - 224 ft. Cut 2½ ft. wide, 18 ft. east-
northeasterly to shaft. Shaft 6x4 ft., 3 ft. deep
at front, 10 ft. at face.

value \$100.00

No. 3 Cut and shaft, the center of mouth of which bears
N50° 40'E - 192 ft. Cut 5 ft. wide, 11 ft. to
shaft northeasterly. Shaft 6x4 ft., 5 ft. deep at
front 9½ ft. at face.

Value \$100.00

From a point on line 3-4 at S55° 57'W - 866.4 ft. from Cor. No. 3

No. 4 A shaft, the center of which bears N3° 35'W - 269
ft. Shaft 6x4 ft., 9 ft. deep.

Value \$80.00

From East Center End.

No. 5 A shaft, the center of which bears N66° 40'W - 76 ft.
Shaft 6x4½ ft. (incline) 18 ft. deep.

Value at \$10.00 per foot \$180.00

Other Improvements.

On the Etta No. 2 A shaft which bears from Cor 2 S79° 00'W
34.5 ft.

Shaft 6x5 ft. incline 12 ft. deep. H. Gaetjens Claimant
 INSTRUMENT.

This Survey was made with a Young & Sons Mountain transit No. 6855, provided with a Smith Solar attachment.

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

The measurements made with 500 ft. and 50 ft. steel tapes.

John A. Rockfellow
 U.S. Mineral Surveyor.

Tombstone, Arizona

June 30, 1913.

REPORT.

Cor. No. 4, Silver Reef; a pine post, 4 ins. square, 3½ ft. high, in a mound of stone, scribed S. W. C. - S. R. 4-1618.

Cor. No. 1, Silver Reef; a pine post 4 ins. square, 2½ ft. above ground, in a mound of stone, scribed N. W. C. - S. R. 1-1618.

Cor. No. 3, Crown Point; a post 4 ins. square, 3½ ft. above ground in a mound of stone, scribed S. E. C. - C. P. 3-1618.

Cor. No. 4, Crown Point; a post 4 ins. square, 3 ft. above ground, in a mound of stone, scribed S. W. C. - C. P. 4-1618. All corners of 15 lode, a post in a mound of stone, branded 15.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by John A. Rockfellow
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.....

known as the Mary M. Costello
Outlook No. 1 Outlook No. 2 Etta No. 1 Etta No. 2
and showing the respective capacities in which they acted.

M. H. O'Connor, Chainman.
....., Chainman.
....., Axman.
....., Flagman.

FINAL OATHS OF ASSISTANTS.

We, I M. H. O'Connor
and....., do solemnly swear that we assisted.....

John A. Rockfellow, United States Deputy Mineral Surveyor, in marking the corners and surveying
the boundaries of the mining claim of Mary M. Costello

known as the Outlook No. 1 Outlook No. 2 Etta No. 1 Etta 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.....

M. H. O'Connor, Chainman.
....., Chainman.
....., Axman.
....., Flagman.

Subscribed and sworn to by the above-named persons before me this 30th

day of June, 1916.

My commission expires March 13 1916 Sidney P. Gentry
Notary Public

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, John A. Rockefeller, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Mar 24 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 Mary M Costello, known as the Outlook No 1, Outlook No 2, Etta No 1 Etta No 2 situate in Turquoise Mining District, Cochise County, Ariz, in Section 28-33, Township No. 19S, Range No. 25E, and designated as Survey No. 3059, as represented in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or her 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.

John A. Rockefeller
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said John A. Rockefeller
U. S. Deputy Mineral Surveyor, before me _____
this 30th
day of June 1913,

My Commission Expires Apr 25 1915 Flora A. Rockefeller
Notary Public

MAR. 24 1913

NOTICE OF MINING LOCATION LODE CLAIM.

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the **Etta 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 purpose of exploration and purchase by Geo Bravin ----- the undersigned, on the 16th day of January 1905.

The length of this claim is 1500 feet and I claim 1100 feet in a easterly direction, and 400 feet in a 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 west to the east.

The claim is situated and located in the Turquoise Mining District, in Cochise County, in the Territory of Arizona, about one mile in a Northwesterly direction from The United States Mineral Monument, and is bounded on the North side by the Silver Reef, and is an extension of the Etta No. 1

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a stone monument the center of the west end line at a point in a westerly direction 400 feet from the discovery shaft (at which this notice is posted), being the center of the west end line of said claim; thence south 300 feet to a stone monument, being the S. W. corner of said claim; thence easterly 1500 feet to a stone monument, being at the S. E. corner of said claim; thence north 300 feet to a stone monument at the center of the east end of said claim; thence north 300 feet to a stone monument, being at the N. E. corner of said claim; thence westerly 1500 feet to a stone monument at the N. W. corner of said claim; thence south 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 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.

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

Geo. Bravin

This is arelocation of the whole of an abandoned Mining claim known as the "Lookout No 2" forfeited by reason of failure to perform assessment work.

Filed and recorded at request of A. R. English Apr. 15 1905 at 4:15 P.M. and recorded in Book 33 Records of Mines at Page 480.

STATE OF ARIZONA,)
) : SS.
 County of Cochise.)

I, Owen E. Murphy, County Recorder in and for the County and State aforesaid, D O H E R E B Y C E R T I F Y that I have compared the annexed and foregoing copy with the original Location Notice of the **Etta No.2** Mining Claim, filed for record in my office on the 15th day of April, A. D. 1905 at 4:15 P.M., and recorded in Book 33 Records of Mines at page 480, and that the same is a full, true and correct copy of said original and of the whole thereof.

Given under my hand and seal of office, this the 17th day of March, A. D. 1913.

Owen E. Murphy,

County Recorder

By Joseph Deputy.



MAR. 24. 1913

NOTICE OF MINING LOCATION LODE CLAIM.

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the **Etta No. 1** 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 Geo Bravin ----- the undersigned, on the 16th day of January 1905.

The length of this claim is 1500 feet and I claim 1150 feet in a easterly direction, and 350 feet in a 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 East to the West

The claim is situated and located in the **Turquoise** Mining District. In Cochise County, in the Territory of Arizona, about one mile in a Southeast direction from the United States Mineral Monument, and is bounded on the North side line by the North Point Mining claim.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a stone monument marked center of east end line at a point in a easterly direction 1150 feet from the discovery shaft (at which this notice is posted), being the center of the east end line of said claim; thence north 300 feet to a stone monument, being the north east corner of said claim; thence westerly 1500 feet to a stone monument, being at the northwest corner of said claim; thence south 300 feet to a stone monument at the center of the west end of said claim; thence south 300 feet to a stone monument, being at the southwest corner of said claim; thence easterly 1500 feet to a stone monument at the southeast corner of said claim; thence north 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 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.

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

Geo Bravin

This is a relocation of the whole of an abandoned mining claim known as the "Fairview" No. 1 Forfeited by a reason of failure to perform assessment work.

Filed and recorded at request of A. R. English Apr. 15 1905 at 4:15 P.M. and recorded in Book 33 at page 479. Record of Mines.

STATE OF ARIZONA,)
 : SS.
County of Cochise.*)

I, Owen E. Murphy, County Recorder in and for the County and State aforesaid, D O H E R E B Y C E R T I F Y that I have compared the annexed and foregoing copy with the original location notice of the **Etta No.1**, Mining Claim, filed for record in my office on the 15th day of April, A. D. 1905 at 4:15 P.M., and recorded in Book 33 Records of Mines at page 479, and that the same is a full, true and correct copy of said original and of the whole thereof.

Given under my hand and seal of office, this the 17th day of March, A. D. 1913.

Owen E. Murphy,

County Recorder

By Joseph J. [Signature] Deputy.



MAR 24 1913

NOTICE OF MINING LOCATION LODE CLAIM.

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the **Outlook 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 purpose of exploration and purchase by Geo Bravin ----- the undersigned, on the 16th day of January 1905.

The length of this claim is 1500 feet and I claim 600 feet in a southerly direction, and 900 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 southeast to the northwest

The claim is situated and located in the Turquoise Mining District, in Cochise County, in the Territory of Arizona, about one mile in a easterly direction from the United States Mineral Monument and is bounded on the east side by the Silver Reef and Outlook No. 1.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a stone monument the center of the southerly end line at a point in a southerly direction 600 feet from the discovery shaft (at which this notice is posted), being the center of the southerly end line of said claim; thence easterly 300 feet to a stone monument, being the S.E. corner of said claim; thence northerly 1500 feet to a stone monument, being at the N. E. corner of said claim; thence westerly 300 feet to a stone monument at the center of the northerly end of said claim; thence westerly 300 feet to a stone monument, being at the N.W, corner of said claim; thence southerly 1500 feet to a stone monument at the southwest 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 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.

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

Geo Bravin

This is a relocation of the whole of an abandoned mining claim known as the "Lookout No 2" forfeited by reason of a failure to perform assessment work.

Filed and recorded at request of A. R. English Apr 15 1905 at 4:15 P.M. and recorded in Book 33 Record of Mines at page 482.

STATE OF ARIZONA,)
 : SS.
County of Cochise.)

I, Owen E. Murphy, County Recorder in and for the County and State aforesaid, D O H E R E B Y C E R T I F Y that I have compared the annexed and foregoing copy with the original Location Notice of the Outlook No.2 Mining Claim, filed for record in my office on the 15th day of April, A. D. 1905 at 4:15 P.M., and recorded in Book 33 Records of Mines at page 482, and that the same is a full, true and correct copy of said original and of the whole thereof.

Given under my hand and seal of office, this the 17th day of March, A. D. 1913.

Owen E. Murphy,

County Recorder

By Joseph L. [Signature] Deputy.



MAR. 24. 1913

NOTICE OF MINING LOCATION LODE CLAIM.

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the **Outlook No 1**. 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 Geo. Bravin----- the undersigned, on the 16th day of January 1905.

The length of this claim is 1500 feet and I claim 600 feet in a southerly direction, and 900 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 S.E. to the N.W.

The claim is situated and located in the Turquoise Mining District, in Cochise County, in the Territory of Arizona, about one mile in a westerly direction from the United States Mineral Monument and is bounded on the west side by the Silver Reef mining claim.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a stone monument at the center of the southerly end line at a point in a southerly direction 600 feet from the discovery shaft (at which this notice is posted), being ⁱⁿ the center of the southerly end line of said claim; thence easterly 300 feet to a stone monument, being the S.E. corner of said claim; thence North west 1500 feet to a stone monument, being at the N.E. corner of said claim; thence westerly 300 feet to a stone monument at the center of the N.W. end of said claim; thence westerly 300 feet to a stone monument. being at the N. W. corner of said claim; thence southerly 1500 feet to a stone monument at the S. W. 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 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.

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

Geo. Bravin.

This is a relocation of the whole of an abandoned mining claim known as the "Lookout No. 1" forfeited by reason of failure to perform assessment work.

Filed and recorded at request of A. R. English Apr 15 1905 at 4.15 P.M. and recorded in Book 33 Record of Mines at page 481.

STATE OF ARIZONA,)
) SS.
 County of Cochise.)

I, Owen E. Murphy, County Recorder in and for the County and State aforesaid, D O H E R E B Y C E R T I F Y that I have compared the annexed and foregoing copy with the original Notice of Mining Location of the **Outlook No.1** Mining Claim, filed for record in my office on the 15th day of April, A. D. 1905 at 4.15 P.M., and recorded in Book 33 Records of Mines at page 481, and that the same is a full, true and correct copy of said original and of the whole thereof.

Given under my hand and seal of office, this the 17th day of March, A. D. 1913.

Owen E. Murphy,

County Recorder

By Josiah Deputy.



4-688.

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

Department of the Interior,
OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

September 3, 1913.

I, U. S. Surveyor-General for Arizona,
do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey
of the mining claim of

Mary M. Costello

known as the Outlook No. 1, Outlook No. 2, Etta No. 1, Etta No. 2.

situate in Turquoise

Mining District, Cochise County, Arizona.

in Section 28-33, Township No. 19 S., Range No. 25 E., and

designated as Survey No. 3059, 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 improve-
ments made upon each of said mining claim by claimant or her grantors, and that said improvements
consist of 26 shafts, 5 cuts, 2 drifts and 1 stope, total value
\$3303.00

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,

September 3, 1913.

I, U. S. Surveyor-General for Arizona

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

Mary M. Costello

, known as the

Outlook No. 1, Outlook No. 2, Etta No. 1, Etta No. 2.

situate in Turquoise mining district,

Cochise County, Arizona.

in Sections 28-33, Township No. 19 S., Range No. 25 E.

designated as Survey No. 3059

executed by John A. Rockfellow, U. S. Deputy Mineral

Surveyor, May 6-9, 1913, 190, under my instructions dated

March 24, 1913, 190, 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.

Frank J. Ingalls

U. S. Surveyor-General for Arizona.