

12-15-10.

F.L.

Platted

(4-683.)

SEP. 29 1910

Mineral Survey No. 2854 A & B

Lot No. _____

ARIZONA

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Needles Mining and Smelting Company,

KNOWN AS THE
Winchester, Stockton, Q. M. D., Sirius, Alta, Richard, Teddy,
Clearing House, Prince George, Co-Op, Jubilee, Stockton Hill
Lodes, and Banner Mill Site.

Wallapai Mining District,

Mohave County, Arizona.

Sections 4, 5 & 9, Township 22 North, Range 17 West, G.&S.R.M.

Surveyed under instructions dated Aug. 23, 1910

by

M.D. Johnson
U. S. Deputy Mineral Surveyor

Claim located See location notices, 1

Survey commenced Aug. 26, 1910,

Survey completed Sept. 11, 1910,

o 6-101

Address of attorney for claimant:

Alfred Sutro, Atty.

Kohl Bldg.,

San Francisco, Calif.

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SURVEY No. 2854 A and B

WINCHESTER LODGE

Beginning at Cor. No. 1

A pine post, 6 ins. square, showing 2 ft. above ground, with mound of stones, scribed W-1 - 2854 A.

Identical with Cor. No. 4 and Cor. No. 2, Stockton Lode and Banner Mill Site, of this survey, respectively, and Cor. No. 1, Sur. No. 1991, Infallible Lode, whence

The N.E. Cor. of the Banner Mill bears N.30° 32' W., 111.6 ft.

The S.E. Cor. of the Banner Mill bears N.49° 36' W., 73.3 ft.

The 1/4 Sec. Cor. between sections 4 and 9, T.22 N. R.17 W., G. & S. R. B. & M., bears N.83° 13'E., 776.85 ft.

FEET

Thence S. 51° 41' W.

40.07 Intersect northern boundary line of Sec. 9, at S 81° 44' 15" W., 811.29 ft. from the 1/4 Sec. Cor. and at N. 81° 44' 15" E., 1831.51 ft. from the N.W. Cor. of Sec. 9.

172.0 Wagon road, course East and West.

300.00 To the N.W. end of the lode line,

A pine post 4 ins. square, showing 3 ft. above ground, with mound of stones, scribed W-N.W.E.C.-2854 A.

Identical with the S.E.C. Sur. No. 1991, Infallible Lode.

407.0 Ravine course N. 70° E.

600.00 To Cor. No. 2

A pine post, 6 ins. square, showing 2 ft. above ground, with mound of stones, scribed W-2 - 2854 A.

Identical with Cor. No. 3, Teddy Lode, of this survey, and Cor. No. 2, Sur. No. 1991, Infallible Lode.

SURVEY NO. 2854 A and B - Continued

WINCHESTER LODE - continued.

FEET

Thence N. 42° 46' W.

52.00 Ravine, course East.

240.00 To. Cor. No. 1, Jubilee Lode, of this survey, whence
Cor. No. 2 bears S. 26° 56' E. 260 ft.

Intersect line 2-3, Stockton Lode, of this survey,
at N. 78° 04' W., 446.14 ft. from Cor. No. 2, and 873.56 ft. from Cor. No. 3.

313.00 Trail, course N. 35° E.

575.00 Wagon road, course N. 20° E.

1010.00 Wagon road, course N. 85° E.

1045.00 Ravine, course N. 5° W.

1100.00 Ravine, course N. 20° E.

1115.00 Wagon road, course N. 20° E.

1115.83 Intersect northern boundary line of Sec. 9 at
S. 81° 44' 15" W., 762.82 ft. from the $\frac{1}{4}$ Sec. Cor. and at
N. 81° 44' 15" E., 1879.98 ft. from the N. W. Cor. of Sec.
9.

1140.18 To Cor. No. 1, the place of beginning.

STOCKTON LODE.

Beginning at Cor. No. 1.

A (X) mark on a 6 in. x 14 in. granite porphyry
stone, showing 18 ins. above ground, chiseled SL-2854 A.,
witnessed by a mound of stones.

Identical with Cor. No. 1, Prince George Lode, of
this survey.

The S. E. Cor. of a rock house, owned by Robert
Grey, bears N. 30° 02' W., 8.8 ft.

The N. E. Cor. of Robert Grey's dwelling bears
S. 38° 12' W., 33.1 ft.

The $\frac{1}{4}$ Sec. Cor. between Secs. 4 and 9, T. 22 N.
R. 17 W., G. & S. R. B. & M., bears N. 60° 28' W.,
629.00 ft.

SURVEY NO. 2854 A and B - Continued

STOCKTON LODE - continued.

		Thence S. 26° 53' W.
85.00		Wagon road, course S. 26° W.
300.00		To the E. end Of the lode line.
		A (X) mark on a 4 in. x 12 in. granite porphyry stone, showing 12 ins. above ground, chiseled S-E.E.C.-2854 A, witnessed by a mound of stones, 3 ft. at the base and 3 ft. high.
		Identical with Cor. No. 2 and the N. W. E. C., Q. M. D. Lode and Prince George Lode, of this survey, respectively. Also <i>the S.W. Corner</i> , Blue Jay Lode, unsurveyed, Robert Grey, claimant.
600.00		To Cor. No. 2
		A (X) mark on a 7 in. x 12 in. quartz stone, showing 12 ins. above ground, chiseled S2-2854 A, witnessed by a mound of stones, 3 ft. at the base and 3 ft. high.
		Identical with Cor. No. 4 and Cor. No. 6, Prince George Lode and Jubilee Lode, of this survey, respectively.
		A (X) mark on a 3 ft. x 4 ft. granite boulder, showing 4 ft. above ground, bears S. 40° 45' E., 30.1 ft., chiseled S2-P.G.4-J6-2854 A- B.R. No other bearings available.

		Thence N. 78° 04' W.
212.00		Wagon road, course N. 30° E.
446.14		To Cor. No. 1, Jubilee Lode, of this survey.
		Intersect line 4-1, Winchester Lode, of this survey, at N. 42° 46' W., 240.00 ft. from Cor. No. 4, <i>and 900.18 ft. from Cor. No. 1.</i>
527.00		Trail, course N. 40° E.
750.00		Wagon road, course N. 20° E.

SURVEY NO. 2854 A and B - Continued

FEET

STOCKTON LODE - continued.

983.00 Ravine, course N. 20° E.

1319.70 To Cor. No. 3

A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground; with mound of stones, scribed S3-2854 A.

A (X) mark on a 30 in. x 45 in. granite boulder, showing 1 ft. above ground; bears S. 43° W., 12.6 ft., chiseled S3-2854 A-B.R. No other bearings available.

Thence N. 26° 53' E.

300.00 To the W. end of the lode line.

A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed S-W.E.C.-2854 A.

385.00 Ravine; course N. 35° E.

450.00 Wagon road, course N. 40° E.

513.86 Intersect northern boundary line of Sec. 9 at S. 81° 44' 15" W., 790.74 ft. from the 1/4 Sec. Cor. and at N. 81° 44' 15" E., 1852.06 ft. from the N. W. Cor. of Sec. 9.

538.40 To Cor. No. 4

Previously described, scribed S4-2854 A.

Identical with Cor. No. 1 and Cor. No. 2, Winchester Lode and Banner Mill Site, of this survey, respectively. Also Cor. No. 1, Sur. No. 1991, Infallible Lode.

Thence S. 80° 37' E.

20.00 Wagon road, course N. 30° E.

30.00 Ravine, course N. 30° E.

SURVEY NO. 2854 A and B - Continued

FEET

STOCKTON LODE - continued.

- 66.20 Intersect the northern boundary line of Sec. 9, at S. 81° 44' 15" W., 713.53 ft. from the $\frac{1}{4}$ Sec. Cor. and at N. 81° 44' 15" E., 1929.27 ft. from the N. W. Cor. of Sec. 9.
- 155.00 Wagon road, course N. 25° E.
- 665.00 Wagon road, course North.
- 760.34 To Cor. No. 1, Banner Mill Site, of this survey. Intersect line 2-3, Q. M. D. Lode, of this survey, at N. 50° 09' W., 563.80 ft. from Cor. No. 2.
- 917.00 Ravine, course N. 15° E.
- 1212.61 Intersect line 1-2, Q. M. D. Lode, of this survey, identical with ^{the west end line} ~~line 4-1~~, Blue Jay Lode, unsurveyed, Robert Grey, owner, at N. 2° 41' E., 288.08 ft. from Cor. No. 2, Q. M. D. Lode, identical with ~~S.W. Cor. 4~~, Blue Jay Lode.
- 1336.43 To Cor. No. 1, the place of beginning.

Q. M. D. LODE

Beginning at Cor. No. 1

On line 4-1, Richard Lode, of this survey.

A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed Q.M.D. 1-2854 A.

Identical with ~~the N.W. Cor.~~, Blue Jay Lode, unsurveyed, Robert Grey, owner.

A 6 in. cedar tree bears S. 33° 30' W., 30.6 ft., blazed and scribed Q.M.D. 1-2854 A-B.T. No other bearings available.

The $\frac{1}{4}$ Sec. Cor. between Secs. 4 and 9, T. 22 N. R. 17 W., G. & S. R. B. & M. bears S. 87° 32' W., 440.34 ft.

SURVEY NO. 2854 A and B - Continued

Q. M. D. LODE - continued.

FEET	
	Thence S. 2°41' W.
308.92	Intersect line 4-1, Stockton Lode, of this survey, at N. 80°37' W., 123.82 ft. from Cor. No. 1.
400.00	To the S. E. end of the lode line. A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed Q.M.D.-S.E.E. C.-2854 A.
495.00	Wagon road, course N. 80° E.
597.00	To Cor. No. 2 Previously described, scribed Q.M.D.2-2854 A. Identical with the E. E. C. and the N. W. E. C., Stockton Lode and Prince George Lode, of this survey, respectively. Also the S.M.Cod , Blue Jay Lode, unsurveyed, Robert Grey, owner. No bearings available.
	Thence N. 50°09' W.
118.00	Wagon road, course N. 80° E.
400.00	Ravine, course N. 10° E.
563.80	To Cor. No. 1, Banner Mill Site, of this survey. Intersect line 4-1, Stockton Lode, of this survey, at N. 80°37' W., 576.09 ft. from Cor. No. 1.
693.00	Wagon road, course North.
847.09	Intersect northern boundary line of Sec. 9, at S. 81°44'15" W., 241.13 ft. from the $\frac{1}{4}$ Sec. Cor. and at N. 81°44'15" E., 2401.67 ft. from the N. W. Cor. of Sec. 9.
1020.00	Wagon road, course East.
1082.00	Trail, course N. 60° E.
1218.75	To Cor. No. 3 A pine post, 4 ft. long, 4 ins. square, set 18 ins. in

SURVEY NO. 2854 A and B - Continued

Q. M. D. LODE - continued.

the ground, with mound of stones, scribed Q.M.D.3-2854 A.

Identical with Cor. No. 1 and Cor. No. 5, Sirius Lode and Banner Mill Site, of this survey, respectively.

A 6 in. pine tree bears N. 59°00' E., 12.3 ft., blazed and scribed Q.M.D.3-S1-B.M.S.5-2854 A&B-B.T.
No other bearings available.

FEET	Thence N. 2°41' E.
110.00	Ravine, course N. 50° E.
285.00	Wagon road, course N. 40° E.
363.97	To the N. W. end of the lode line.
	A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed Q.M.D.-N.W. E.C.-2854 A.
669.50	To Cor. No. 4
	On line 4-1, Alta Lode, of this survey, identical with line 2-3, Sirius Lode, of this survey.
	A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed Q.M.D.4-2854 A.
	A 4 in. cedar tree bears N. 65°00' W., 5.2 ft., blazed and scribed Q.M.D.4-2854 A-B.T.
	A 6 in. cedar tree bears N. 64°16' E., 20.5 ft., blazed and scribed Q.M.D.4-2854 A-B.T.
	Thence S. 49°41' E.
280.00	Wagon road, course N. 40° E.
379.62	To Cor. No. 2, Sirius Lode, of this survey.
490.00	Ravine, course N. 35° E.
642.17	To Cor. No. 5
	A pine post, 4 ft. long, 4 ins. square, set 18 ins. in

SURVEY NO. 2854 A and B - Continued

Q. M. D. LODE - continued.

the ground, with mound of stones, scribed Q.M.D.5-2854 A.

Identical with Cor. No. 1, Alta Lode and Cor. No.1, Richard Lode, both of this survey.

A 6 in. cedar tree bears N. $46^{\circ}20'$ W., 5.8 ft., blazed and scribed Q.M.D.5-A1-R1-2854 A-B.T.

A 14 in. cedar tree bears S. $3^{\circ}05'$ W., 14.0 ft., blazed and scribed Q.M.D.5-A1-R1-2854 A-B.T.

FEET	Thence S. $45^{\circ}18'$ E.
168.00	Trail, course N. 15° E.
415.00	Ravine, course N. 15° E.
542.37	Intersect northern boundary line of Sec. 9, at N. $78^{\circ}55'14''$ E., 390.52 ft. from the $\frac{1}{4}$ Sec. Cor. and at S. $78^{\circ}55'14''$ W., 2147.18 ft. from the N. E. Cor. of Sec. 9.
622.12	To Cor. No. 1, the place of beginning.

SIRIUS LODE

Beginning at Cor. No. 1

Previously described, scribed S1-2854 A.

Identical with Cor. No. 3 and Cor. No. 5, Q. M. D. Lode and Banner Mill Site, of this survey, respectively.

The $\frac{1}{4}$ Sec. Cor. between Secs. 4 and 9, T. 22 N. R. 17 W., G. & S. R. B. & M., bears S. $68^{\circ}46'$ E., 562.11 ft..

	Thence N. $37^{\circ}10'$ E.
203.00	Ravine, course N. 55° E.
300.00	To the S. E. end of the lode line.
	A pine post, 4 ft. long, 4 ins. square, set 18 ins. in

SURVEY NO. 2854 A and B - Continued

SIRIUS LODE - continued.

	the ground, with mound of stones, scribed S-S.E.E.C.- 2854 A.
FEET	
531.00	To Cor. No. 2 On line 4-1, Alta Lode, of this survey, identical with line 4-5, Q. M. D. Lode, of this survey. A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed S2-2854 A. A (X) mark on a 24 in. x 30 in. porphyry boulder, showing 2 ft. above ground, bears N. $4^{\circ}45'W.$, 20.2 ft., chiseled S2-2854 A-B.R. A 10 in. cedar tree bears S. $43^{\circ}15'W.$, 55.9 ft., blazed and scribed S2-2854 A-B.T.
379.62	To Cor. No. 4, Q. M. D. Lode, of this survey. <i>Thence N. $49^{\circ}41'W.$</i>
1231.49	To Cor. No. 4, Alta Lode, of this survey.
1251.89	To Cor. No. 3 On line 4-1, Sur. No. 1942, Fountain Head Lode, at S. $37^{\circ}10'W.$, 1.36 ft. from Cor. No. 4. A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed S3-2854 A. An 8 in. pine tree bears N. $22^{\circ}10'W.$, 19.0 ft., blazed and scribed S3-2854 A- B.T. A (X) mark on a 3 ft. x 4 ft. quartz porphyry boulder, showing 4 ft. above ground, bears $S59^{\circ}30'E.$ 32.0 ft., chiseled S3-2854 A- B.R.
	----- Thence S. $37^{\circ}10'W.$
35.00	Ravine, course North.
300.00	To the N. W. end of the lode line. A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed S-N.W.E.C.- 2854 A.
447.00	Trail, course N. $40^{\circ}W.$

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SURVEY NO. 2854 A and B - Continued

FEET

SIRIUS LODGE - continued.

600.00

To Cor. No. 4

A pine post, 4 ins. square, showing 2 ft. above ground, with mound of stones, scribed S4-2854 A.

Identical with Cor. No. 1, Sur. No. 1942, Fountain Head Lode and ~~a Cor. at~~, Infallible Mill Site, unsurveyed, The Needles Mining and Smelting Company, claimant.

Cor. No. 4, Sur. No. 1991, Infallible Lode, identical with Cor. No. 4, Sur. No. 1991, Star Spangled Banner Lode, bears N. $71^{\circ}32'W.$, 118.2 ft.

A 5 in. cedar tree bears N. $52^{\circ}E.$, 6.0 ft., blazed and scribed S4-2854 A-B.T.

A 6 in. cedar tree bears N. $21^{\circ}45'E.$, 15.8 ft., blazed and scribed S4- 2854 A- B.T.

Thence S. $52^{\circ}50'E.$

362.00

Ravine, course N. $5^{\circ}E.$

375.00

Trail, course N. $35^{\circ}W.$

1022.39

To Cor. No. 4, Banner Mill Site, of this survey, identical with Cor. No. 1, Infallible Mill Site, unsurveyed.

1108.00

Wagon road, course N. $35^{\circ}E.$

1160.00

Ravine, course N. $50^{\circ}E.$

1250.00

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

ALTA LODGE

Beginning at Cor. No. 1

Previously described, scribed A1-2854 A.

Identical with Cor. No. 5 and Cor. No. 1, Q. M. D. Lode and Richard Lode, of this survey, respectively.

The $\frac{1}{4}$ Sec. Cor. between Secs. 4 and 9, T. 22 N. R. 17 W., G. & S. R. B. & M., bears S. $0^{\circ}22'E.$,

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SURVEY NO. 2854 A and B - Continued

ALTA LODE - continued.

456.85 ft.

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	Thence N. $38^{\circ}45'E$.
53.71	To the N. W. E. C., Richard Lode, of this survey.
104.37	To Cor. No. 2, Richard Lode, of this survey, identical with <i>N.W. Cor 1</i> , Robin Hood Lode, unsurveyed, claimant unknown.
196.16	To the N. W. Cor., Sur. Lot No. 37, Cupel Lode.
230.00	To the S. E. end of the lode line. A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed A-S.E.E.C.- 2854 A.
478.00	To the N. E. Cor., Sur. Lot No. 37, Cupel Lode.
530.00	To Cor. No. 2 A (X) mark on a 12 in. x 30 in. granite stone, in place, showing 18 ins. above ground, chiseled A2-2854 A, wit- nessed by a mound of stones, 3 ft. at the base and 3 ft. high. A (X) mark on a 3 ft. x 4 ft. quartz boulder, showing 2 ft. above ground, bears S. $60^{\circ}05'W$., 11.3 ft., chiseled A2- 2854 A-B.R. No other bearings available.
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	Thence N. $49^{\circ}41'W$.
60.00	Ravine, course N. $55^{\circ}E$.
463.00	Trail, course N. $50^{\circ}E$.
1435.00	Ravine, course S. $20^{\circ}W$.
1494.04	To Cor. No. 3 A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed A3-2854 A. A (X) mark on a 3 ft. x 4 ft. quartzite boulder, showing 5 ft. above ground, bears N. $22^{\circ}30'E$., 3.1 ft., chiseled A3- 2854 A-B.R. No other bearings available.

SURVEY NO. 2854 A and B - Continued

ALTA LODE - continued.

Cor. No. 4, Sur. No. 1943, Eagle Lode, bears
N. $11^{\circ} 58' E.$, 286.22 ft.

FEET

Thence S. $38^{\circ} 45' W.$

300.00 To the N. W. end of the lode line.

A pine post, 4 ft. long, 4 ins. square, set 18 ins. in
the ground, with mound of stones, scribed A-N.W.E.C.-
2854 A.

325.00 Ravine, course S. $50^{\circ} E.$

353.00 Wagon road, course S. $50^{\circ} E.$

530.00 To Cor. No. 4

On line 2-3, Sirius Lode, of this survey.

A pine post, 4 ft. long, 4 ins. square, set 18 ins.
in the ground, with mound of stones, scribed A4-2854A.

A (X) mark on a 3 ft. x 4 ft. quartz porphyry
boulder, showing 4 ft. above ground, bears S. $75^{\circ} 50' E.$,
12.3 ft., chiseled A4-2854 A- B.R. No other bearings
available.

Thence S. $49^{\circ} 41' E.$

851.87 To Cor. No. 4, Q. M. D. Lode, of this survey.

1231.49 To Cor. No. 2, Sirius Lode, of this survey.

1494.04 To Cor. No. 1, the place of beginning.

RICHARD LODE

Beginning at Cor. No 1

Previously described, scribed R1-2854 A.

Identical with Cor. No. 1 and Cor. No. 5, Alta Lode
and Q. M. D. Lode, of this survey, respectively.

The $\frac{1}{4}$ Sec. Cor. between Secs. 4 and 9, T. 22 N.
R. 17 W., G. & S. R. B. & M., bears S. $0^{\circ} 22' E.$,
456.85 ft.

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SURVEY NO. 2854 A and B - Continued

RICHARD LODGE - continued.

- FEET
- 53.71 Thence N. 38° 45' E.
To the N. W. end of the lode line.
A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed R-N.W.E.C.-2854 A.
- 104.37 To Cor. No. 2
On line 1-2, Alta Lode, of this survey.
A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed R2-2854 A.
Identical with *N.W. Cor*, Robin Hood Lode, unsurveyed, claimant unknown.
A (X) mark on a 3 ft. x 5 ft. granite porphyry boulder, showing 2 ft. above ground, chiseled R2-2854 A-B.R., bears N. 71° 10' W., 40.2 ft. No other bearings available.
- 125.00 Thence S. 46° 59' E.
Trail, course N. 15° E.
- 372.00 Ravine, course N. 15° E.
- 636.74 Intersect northern boundary line of Sec. 9 at N. 78° 55' 14" E., 538.63 ft. from the $\frac{1}{4}$ Sec. Cor. and at S. 78° 55' 14" W., 1999.07 ft. from the N. E. Cor. of Sec. 9.
- 770.08 To Cor. No. 3
South side
On ~~line 1-1~~, Robin Hood Lode, unsurveyed, and also
North side
on ~~line 1-2~~, Blue Jay Lode, unsurveyed, Robert Grey, claimant, at S. 88° 02' E., 186.26 ft. from *N.W. Corner*, Blue Jay Lode.
A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed R3-2854 A.
A 6 in. pine tree bears S. 78° 08' W., 52.8 ft.,

SURVEY NO. 2854 A and B - Continued

RICHARD LODE - continued.

blazed and scribed R3-2854 A-B.T. No other bearings available.

FEET

 Thence S. $38^{\circ}45'W.$

73.36

To the S. E. end of the lode line.

A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed R-S.E.E.C.-2854 A.

127.07

To Cor. No. 4

A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed R4-2854 A.

A (X) mark on a 6 ft. x 6 ft. granite porphyry boulder, showing 5 ft. above ground, chiseled R4-2854 A-B.R., bears N. $60^{\circ}20'W.$, 20.1 ft. No other bearings available.

 Thence N. $45^{\circ}18'W.$

150.00

To Cor. No. 1, Q. M. D. Lode, of this survey, identical with *N.W. Corner*, Blue Jay Lode, unsurveyed.

229.75

Intersect northern boundary line of Sec. 9 at N. $78^{\circ}55'14''E.$, 390.52 ft. from the $\frac{1}{4}$ Sec. Cor. and at S. $78^{\circ}55'14''W.$, 2147.18 ft. from the N. E. Cor. of Sec. 9.

772.12

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

 TEDDY LODE

Beginning at Cor. No. 1

A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed T1-2854 A.

Identical with Cor. No. 4, Clearing House Lode, of this survey.

A pine tree, 3 in. in diameter, bears N. $17^{\circ}23'W.$,

SURVEY NO. 2854 A and B - Continued

TEDDY LODGE - continued.

34.1 ft., blazed and scribed T1-C.H.4-2854 A-B.T.

A 5 in. pine tree bears S. $7^{\circ}10'E.$, 21.7 ft.,
blazed and scribed T1-C.H.4-2854 A-B.T.

The N. W. Cor. of Sec. 9, T. 22 N. R. 17 W., G. &
S. R. B. & M., bears N. $71^{\circ}59'W.$, 936.93 ft.

Feet

Thence N. $19^{\circ}10'E.$

3.00

Ravine, course N. $40^{\circ}E.$

300.00

To the N. W. end of the lode line.

A pine post, 4 ft. long, 4 ins. square, set 18 ins. in
the ground, with mound of stones, scribed T-N.W.E.C.-
2854 A.

Identical with the E. E. C., Clearing House Lode,
of this survey.

467.36

Intersect the northern boundary line of Sec. 9 at
N. $81^{\circ}44'15''E.$, 1055.39 ft. from the N. W. Cor. of
Sec. 9 and at S. $81^{\circ}44'15''W.$, 1587.41 ft. from the
 $\frac{1}{4}$ Sec. Cor.

600.00

To Cor. No. 2

On line 2-3, Sur. No. 1991, Infallible Lode.

A pine post, 4 ft. long, 4 ins. square, set 18 ins.
in the ground, with mound of stones, scribed T2-2854 A.

Identical with Cor. No. 3, Clearing House Lode, of
this survey.

A 4 in. pine tree bears S. $14^{\circ}10'E.$, 6.1 ft.,
blazed and scribed T2-C.H.3-2854 A-B.T. No other bear-
ings available.

Thence S. $38^{\circ}19'E.$

136.02

Intersect northern boundary line of Sec. 9 at
N. $81^{\circ}44'15''E.$, 1184.61 ft. from the N. W. Cor. of
Sec. 9 and at S. $81^{\circ}44'15''W.$, 1458.19 ft. from the

SURVEY NO. 2854 A and B - Continued

TEDDY LODGE - continued.

	<p>¼ Sec. Cor.</p>
328.00	Ravine, course N. 70° E.
460.00	To Cor. No. 3
	Previously described, scribed T3-2854 A.
	Identical with Cor. No. 2, Winchester Lode, of this survey and Cor. No. 2, Sur. No. 1991, Infallible Lode.

	Thence S. 42° 46' E.
1040.42	To Cor. No. 4
	On line 2-3, Winchester Lode, of this survey.
	A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed T4-2854 A.
	A 7 in. pine tree bears S. 37° 50' W., 8.4 ft., blazed and scribed T4-2854 A-B.T.
	An 8 in. pine tree bears N. 65° 25' W., 9.4 ft., blazed and scribed T4-2854 A-B.T.

	Thence S. 19° 10' W.
259.55	To the S. E. end of the lode line.
	A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed T-S.E.E.C.-2854 A.
378.00	Trail, course N. 50° E.
559.55	To Cor. No. 5
	A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed T5-2854 A.
	A (X) mark on a 15 in. x 36 in. granite boulder, showing 4 ft. above ground, chiseled T5-2854 A-B.R., bears S. 11° 14' E., 65.2 ft. No other bearings available.

18

SURVEY NO. 2854 A - Continued

TEDDY LODE - continued.

FEET
 80.00 Thence N. 42° 46' W.
 Trail, course N. 30° E.
 1405.00 Wagon road, course East.
 1480.00 To Cor. No. 1, the place of beginning.

CLEARING HOUSE LODE

Beginning at Cor. No. 1

On line 4-1, Sur. No. 1456, De la Fontaine Lode at
 N. 19° 10' E., 190.00 ft. from Cor. No. 1

A pine post, 4 ft. long, 4 ins. square, set 18 ins.
 in the ground, with mound of stones, scribed C.H.1-
 2854 A.

A 5 in. pine tree bears N. 15° 06' E., 23.5 ft.,
 blazed and scribed C.H.1-2854 A-B.T.

A 6 in. pine tree bears N. 55° 34' E., 35.6 ft.,
 blazed and scribed C.H.1-2854 A-B.T.

The N. W. Cor. of Sec. 9, T. 22 N. R. 17 W., G. & S.
 R. B. & M., bears S. 55° 28' E., 498.00 ft.

 Thence N. 19° 10' E.

300.00 To the W. end of the lode line.
 A pine post, 4 ft. long, 4 ins. square, set 18 ins. in
 the ground, with mound of stones, scribed C.H.-W.E.C.-
 2854 A.
 325.00 Ravine, course S. 70° E.
 408.00 Ravine, course S. 60° E.
 411.14 To Cor. No 4, Sur. No. 1456, De la Fontaine Lode.
 600.00 To Cor. No. 2
 A pine post, 4 ft. long, 4 ins. square, set 18 ins. in
 the ground, with mound of stones, scribed C.H.2-2854 A.
 A (X) mark on a 4 ft. x 10 ft. granite boulder,

SURVEY NO. 2854 A - Continued

CLEARING HOUSE LODE - continued.

showing 5 ft. above ground, chiseled C.H.2-2854 A-B.R., bears N. 68°02'E., 13.8 ft. No other bearings available.

FEET	Thence S. 66°16'E.
178.57	Intersect the western boundary line of Sec. 4 at N. 3°40'W., 778.75 ft. from the S. W. Cor. of Sec. 4 and at S. 3°40'E., 4836.25 ft. from the N. W. Cor. of Sec. 4.
1040.00	Ravine, course N. 75°E.
1421.44	To Cor. No. 3
	On line 2-3, Sur. No. 1991, Infallible Lode. Previously described, scribed C.H.3-2854A. Identical with Cor. No.2, Teddy Lode, of this survey.
	----- Thence S. 19°10'W.
132.64	Intersect the northern boundary line of Sec. 9 at N. 81°44'15"E., 1055.39 ft. from the N. W. Cor. of Sec. 9 and at S. 81°44'15"W., 1587.41 ft. from the $\frac{1}{4}$ Sec. Cor.
300.00	To the E. end of the lode line. Previously described, scribed C.H.-E.E.C.-2854 A. Identical with the N. W. E. C., Teddy Lode, of this survey.
600.00	To Cor. No. 4 Previously described, scribed C.H.4-2854 A. Identical with Cor. No. 1, Teddy Lode, of this survey.
	----- Thence N. 66°16'W.
197.00	Wagon road, course North.

SURVEY NO. 2854 A and B - Continued

FEET

CLEARING HOUSE LODE - continued.

782.89 Intersect the northern boundary line of Sec. 9 at N. $81^{\circ}44'15''$ E., 176.14 ft. from the N. W. Cor. of Sec. 9 and at S. $81^{\circ}44'15''$ W., 2466.66 ft. from the $\frac{1}{4}$ Sec. Cor.

910.00 Wagon road, course N. 80° E.

980.62 Intersect the western boundary line of Sec. 4 at N. $3^{\circ}40'$ W., 105.09 ft. from the S. W. Cor. of Sec. 4 and at S. $3^{\circ}40'$ E., 5509.91 ft. from the N. W. Cor. of Sec. 4.

1085.00 Ravine, course N. 45° E.

1421.44 To Cor. No. 1, the place of beginning.

 PRINCE GEORGE LODE

Beginning at Cor. No. 1

Previously described, chiseled P.G.1-2854A.

Identical with Cor. No. 1, Stockton Lode, of this survey.

The $\frac{1}{4}$ Sec. Cor. between Secs. 4 and 9, T. 22 N. R. 17 W., G. & S. R. B. & M., bears N. $60^{\circ}28'$ W., 629.00 ft.

 Thence S. $69^{\circ}34'$ E.

5.00 Wagon road, course S. 27° W.

210.00 Ravine, course S. 10° E.

400.00 Wagon road, course S. 40° E.

737.00 To Cor. No. 2

A (X) mark on a 7 in. x 13 in. granite stone, showing 15 ins. above ground, chiseled P.G.2-2854 A, witnessed by a mound of stones 3 ft. at the base and 3 ft. high.

Identical with Cor. No. 3, Co-Op Lode, of this survey.

SURVEY NO. 2854 A and B - Continued

PRINCE GEORGE LODGE - continued.

A (X) mark on a 3 ft. x 5 ft. granite boulder, showing 4 ft. above ground, chiseled P.G.2-C.O.3-2854 A-B.R., bears N. 8°10' W., 13.5 ft. No other bearings available.

FEET

Thence S. 26° 53' W.

42.61 Intersect *South Side Line, Blue Jay Lode*, unsurveyed, at S. 88°02' E., 807.49 ft. from S. W. Cor'.

153.00 Wagon road, course S. 60° E.

300.00 To the S. E. end of the lode line.

The center of the Prince George' discovery shaft, 4 x 6 ft.

Mine workings make it impracticable to establish a witness corner, on the end line, near the true corner.

Identical with the N. W. E. C., Co-Op Lode, of this survey.

540.00 Ravine, course S. 40° E.

600.00 To Cor. No. 3

A (X) mark on a 30 in. x 36 in. granite boulder, in place, showing 18 ins. above ground, chiseled P.G.3-2854 A, witnessed by a mound of stones, 3 ft. at the base and 3 ft. high.

Identical with Cor. No. 2 and Cor. No. 5, Co-Op Lode and Jubilee Lode, of this survey, respectively.

A (X) mark on a 2 ft. x 3 ft. granite boulder, showing 4 ft. above ground, chiseled P.G.3-C.O.2-2854 A-B.R., bears S. 85°20' W., 26.2 ft. No other bearings available.

Thence N. 69° 34' W.

150.00 Ravine, course S. 60° E.

702.00 Ravine, course East.

SURVEY NO. 2854 A and B - Continued

PRINCE GEORGE LODE - continued.

737.00 To Cor. No. 4

Previously described, chiseled P.G.4-2854 A.

Identical with Cor. No. 2 and Cor. No. 6, Stockton Lode and Jubilee Lode, of this survey, respectively.

Thence N. 26° 53' E.

300.00 To the N. W. end of the lode line.

Previously described, chiseled P.G.-N.W.E.C.-2854 A.

Identical with Cor. No. 2 and E. E. C., Q. M. D. Lode and Stockton Lode, of this survey, respectively.

Also *S.W. Corner*, Blue Jay Lode, unsurveyed.

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

CO - OP LODE

Beginning at Cor. No. 1

On line 2-3, Stockton Hill Lode, of this survey, at N. 63° 04' W., 290.00 ft. from Cor. No. 2

A (X) mark on a 6 in. x 12 in. granite stone, showing 16 ins. above ground, chiseled C.O.1-2854 A, witnessed by a mound of stones, 3 ft. at the base and 3 ft. high.

Identical with *S.W. Corner*; Dexter Lode, unsurveyed, claimant owner.

A 5 in. pine tree bears N. 15° 08' E., 26.7 ft., blazed and scribed C.O.1-2854 A- B.T. No other bearings available.

The $\frac{1}{4}$ Sec. Cor. between Secs. 9 and 10, T. 22 N. R. 17 W., G. & S. R. B. & M., bears S. 42° 34' E., 1099.00 ft.

Thence N. 63° 04' W.

SURVEY NO. 2854 A and B - Continued

FEET	CO-OP LODE - continued.
100.00	Ravine, course S. 65° E.
415.00	To Cor. No. 3 and Cor. No. 4, Stockton Hill Lode and Jubilee Lode, of this survey, respectively.
605.00	Ravine, course S. 35° E.
750.00	To Cor. No. 2
	Previously described, chiseled C.O.2-2854 A.
	Identical with Cor. No. 3 and Cor. No. 5, Prince George Lode and Jubilee Lode, of this survey, respectively.
	<hr/>
	Thence N. 26° 53' E.
300.00	To the N. W. end of the lode line.
	Previously described.
	Identical with the S. E. E. C., Prince George Lode, of this survey.
557.39	Intersect <i>South side line</i> , Blue Jay Lode, unsurveyed, at S. 88° 02' E., 807.49 ft. from <i>the S.W. Cor.</i>
600.00	To Cor. No. 3
	Previously described, chiseled C.O.3-2854 A.
	Identical with Cor. No. 2, Prince George Lode, of this survey.
	<hr/>
	Thence S. 63° 04' E.
91.55	Intersect <i>the south side line</i> , Blue Jay Lode, unsurveyed, at S. 88° 02' E., 908.44 ft. from <i>the S.W. Cor.</i>
630.00	Ravine, course S. 5° W.
750.00	To Cor. No. 4
	A (X) mark on a 4 ft. x 5 ft. granite boulder, showing 3 ft. above ground, chiseled C.O.4-2854 A, witnessed by a mound of stones, 3 ft. at the base and 3 ft. high.
	Identical with <i>the N.W. Cor.</i> , Dexter Lode, unsurveyed.
	No bearings available.

SURVEY NO. 2854 A and B - Continued

CO-OP LODE - continued.

FEET
 290.00 Thence S. 26° 53' W.
 Ravine, course S. 10° W.
 300.00 To the S. E. end of the lode line.
 A (X) mark on a 7 in. x 18 ins. granite stone, showing
 15 ins. above ground, chiseled C.O.-S.E.E.C.-2854 A,
 witnessed by a mound of stones, 3 ft. at the base and
 3 ft. high.
 Identical with the N. W. E. C., Dexter Lode, unsur-
 veyed.
 465.00 Wagon road, course N. 20° W.
 600.00 To Cor. No. 1, the place of beginning.

JUBILEE LODE

Beginning at Cor. No. 1
 At the N. W. end of the lode line.
 At the intersection of lines 4-1 and 2-3, Winchester
 Lode and Stockton Lode, of this survey, respectively,
 at N. 42° 46' W., 240.00 ft. from Cor. No. 4 and at
 N. 78° 04' W., 446.14 ft. from Cor. No. 2.
 A pine post, 4 ft. long, 4 ins. square, set 18 ins.
 in the ground, with mound of stones, scribed J1-2854 A.
 No bearings available.
 The $\frac{1}{4}$ Sec. Cor. between Secs. 4 and 9, T.22 N. R. 17
 W., G. & S. R. B. & M., bears N. 12° 01' E., 769.56 ft.

Thence S. 26° 56' W.
 260.00 To Cor. No. 2
 A pine post, 4 ft. long, 4 ins. square, set 18 ins. in
 the ground, with mound of stones, scribed J2-2854 A.
 A 4 in. pine tree bears S. 48° 28' W., 19.7 ft.,
 blazed and scribed J2-2854 A-B.T. No other bearings

SURVEY NO. 2854 A and B - Continued

JUBILEE LODGE - continued.

available.

FEET

Thence S. $61^{\circ}30'E$.

141.90 Intersect line 3-4, Winchester Lode, of this survey,
at S. $51^{\circ}41'W$., 198.86 ft. from Cor. No. 4.

1498.70 To Cor. No. 3

A pine post, 4 ft. long, 4 ins. square, set 18 ins. in
the ground, with mound of stones, scribed J3-2854 A.

Identical with Cor. No. 4, Stockton Hill Lode, of
this survey.

An 8 in. pine tree bears N. $53^{\circ}05'E$., 10.4 ft.,
blazed and scribed J3-S.H.4-2854 A-B.T. No other bear-
ings available.

 Thence N. $26^{\circ}56'E$.

132.00 Wagon road, course East and West.

300.00 To the S. E. end of the lode line.

A pine post, 4 ft. long, 4 ins. square, set 18 ins. in
the ground, with mound of stones, scribed J-S.E.E.C.-
2854 A.

Identical with the N. W. E. C., Stockton Hill Lode,
of this survey.

500.00 To Cor. No. 4

In bottom of a ravine, course S. $63^{\circ}E$.

On line 1-2, Co-Op Lode, of this survey, at N. 63°
 $04'W$., 415.00 ft. from Cor. No. 1.

A pine post, 4 ft. long, 4 ins. square, set 18 ins.
in the ground, with mound of stones, scribed J4-2854 A.

Identical with Cor. No. 3, Stockton Hill Lode, of
this survey.

A 9 in. pine tree bears N. $74^{\circ}14'W$., 39.8 ft.,
blazed and scribed J4-S.H.3-2854 A-B.T.

SURVEY NO. 2854 A and B - Continued

JUBILEE LODE - continued.

A (X) mark on a 5 ft. x 6 ft. granite boulder, showing 5 ft. above ground, chiseled J4-S.H.3-2854 A-B.R., bears N. $34^{\circ}32'W.$, 21.8 ft.

FEET

Thence N. $63^{\circ}04'W.$

335.00

To Cor. No. 5

Previously described, chiseled J5-2854 A.

Identical with Cor. No. 2 and Cor. No. 3, Co-Op Lode and Prince George Lode, of this survey, respectively.

Thence N. $69^{\circ}34'W.$

737.00

To Cor. No. 6

Previously described, chiseled J6-2854 A.

Identical with Cor. No. 2 and Cor. No. 4, Stockton Lode and Prince George Lode, of this survey, respectively.

Thence N. $78^{\circ}04'W.$

446.14

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

STOCKTON HILL LODE

Beginning at Cor. No. 1

A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed S.H.1-2854 A.

No bearings available.

The $\frac{1}{4}$ Sec. Cor. between Secs. 9 and 10, T. 22 N. R. 17 W., G. & S. R. B. & M., bears S. $78^{\circ}26'E.$, 767.34 ft.

SURVEY NO. 2854 A and B - Continued

STOCKTON HILL LODE - continued.

FEET	Thence N. 26° 56' E.
300.00	To the S. E. end of the lode line. A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed S.H.-S.E.E.C.-2854 A.
428.62	Intersect the South side line Stockton Tunnel Lode, unsurveyed, claimant owner, at S. 64° 41' E., 63.68 ft. from S.W. Cor.
462.00	Wagon road, course N. 65° W.
590.00	To Cor. No. 2 A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed S.H.2-2854 A. A 15 in. cedar tree bears S. 71° 48' E., 40.0 ft., blazed and scribed S. H. 2- 2854 A- B.T. No other bearings available.
68.41	Thence N. 63° 04' W. To S.E. Cor. Dexter Lode, unsurveyed. Intersect West end line Stockton Tunnel Lode, unsurveyed, at N. 25° 16' E., 163.63 ft. from S.W. Cor.
290.00	To Cor. No. 1, Co-Op Lode, of this survey, identical with S.W. Cor. Dexter Lode, unsurveyed.
705.00	To Cor. No. 3 On line 1-2, Co-Op Lode, of this survey. Previously described, scribed S.H.3-2854 A. Identical with Cor. No. 4, Jubilee Lode, of this survey.
200.00	Thence S. 26° 56' W. To the N. W. end of the lode line. Previously described, scribed S.H.-N.W.E.C.-2854 A.

SURVEY NO. 2854 A and B - Continued

STOCKTON HILL LODE - continued.

Identical with the S. E. E. C., Jubilee Lode, of
this survey.

FEET
500.00

To Cor. No. 4

Previously described, scribed S.H.4-2854 A.

Identical with Cor. No. 3, Jubilee Lode, of this
survey.

Thence S. 55°48'E.

710.72

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

Variation at all corners 16°20'E.

All corners of this survey are identical with the
respective corners of the amended locations as staked
upon the ground.

The disagreements between the courses and distances
of this survey and those given in the amended location
certificates are due to errors in the latter.

LODE LINES

As near as can be determined from present develop-
ments the veins of the several locations embraced in
this claim extend as follows from their respective
discovery points:

Winchester Lode, 30.00 ft. S. 42°46'E., and 1110.18
ft. N. 42°46'W.

Stockton Lode, 470.00 ft. S. 78°04'E., and 849.70
ft. N. 78°04'W.

Q. M. D. Lode, 160.00 ft. S. 44°24'E., and 1166.30
ft. N. 44°24'W.

Sirius Lode, 20.00 ft. N. 52°50'W., and 1230.00 ft.
S. 52°50'E.

SURVEY NO. 2854 A and B - Continued

LODE LINES - continued.

Alta Lode, 240.00 ft. S. $49^{\circ}41'$ E., and 1254.04 ft. N. $49^{\circ}41'$ W.

Richard Lode, 222.00 ft. S. $45^{\circ}18'$ E., and 550.12 ft. N. $45^{\circ}18'$ W.

Teddy Lode, 10.00 ft. N. $42^{\circ}46'$ W., and 1470.00 ft. S. $42^{\circ}46'$ E.

Clearing House Lode, 660.00 ft. S. $66^{\circ}16'$ E., and 761.44 ft. N. $66^{\circ}16'$ W.

Prince George Lode, 737.00 ft. N. $69^{\circ}34'$ W.

Co-Op Lode, 360.00 ft. S. $63^{\circ}04'$ E., and 390.00 ft. N. $63^{\circ}04'$ W.

Jubilee Lode, 500.00 ft. N. $63^{\circ}02'$ W., and 998.20 ft. S. $63^{\circ}02'$ E.

Stockton Hill Lode, 25.00 ft. S. $55^{\circ}48'$ E., and 685.72 ft. N. $55^{\circ}48'$ W.

 BANNER MILL SITE

Beginning at Cor. No. 1

At the intersection of lines 4-1 and 2-3, Stockton Lode and Q. M. D. Lode, of this survey, respectively, at N. $80^{\circ}37'$ W., 576.09 ft. from Cor. No. 1 and at N. $50^{\circ}09'$ W., 563.80 ft. from Cor. No. 2.

A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed B.M.S.1-2854 B.

A 5 in. cedar tree bears S. $65^{\circ}07'$ E., 47.3 ft., blazed and scribed B.M.S.1-2854 B-B.T. No other bearing available.

The $\frac{1}{4}$ Sec. Cor. between Secs. 4 and 9, T. 22 N. R. 17 W., G. & S. R. B. & M., bears N. $5^{\circ}35'$ E., 217.21 ft.

SURVEY NO. 2854 A and B - Continued

BANNER-MILL SITE - continued.

FEET	Thence N. 80° 37' W.
694.14	Intersect the northern boundary line of Sec. 9 at N. 81° 44' 15" E., 1929.27 ft. from the N. W. Cor. of Sec. 9 and at S. 81° 44' 15" W., 713.53 ft. from the $\frac{1}{4}$ Sec. Cor.
760.34	To Cor. No. 2 Previously described, scribed B.M.S.2-2854 B. Identical with Cor. No. 1 and Cor. No. 4, Winchester Lode and Stockton Lode, of this survey, respectively. Also Cor. No. 1, Sur. No. 1991, Infallible Lode.
92.12	Thence N. 38° 19' W. To the east side of the Banner Mill, 48.5 ft. square, at S. 1° 00' W., 23.8 ft. from the N. E. Cor.
290.00	To Cor. No. 3 On line 4-1, Sur. No. 1991, Infallible Lode. A pine post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed B.M.S.3-2854 B. A 6 in. pine tree bears N. 60° 25' W., 20.7 ft., blazed and scribed B.M.S.3-2854 B-B.T. No other bearings available.
320.82	Identical with <u>a Corner of, Infallible Mill Site, unsurveyed.</u> Thence N. 50° 00' E. To Cor. No. 4 On line 4-1, Sirius Lode, of this survey. A (X) mark on a 2 ft. x 5 ft. granite porphyry boulder, showing 1 ft. above ground, chiseled B.M.S.4-2854 B, witnessed by a mound of stones, 3 ft. at the base and 3 ft. high. Identical with <u>a Corner of, Infallible Mill Site, unsurveyed.</u>

SURVEY NO. 2854 A and B - Continued

BANNER MILL SITE - continued.

A 5 in. pine tree bears S. 83°27' W., 12.0 ft., blazed and scribed B.M.S.4-2854 B-B.T. No other bearings available.

FEET

Thence S. 52°50' E.

227.61

To Cor. No.5

Previously described, scribed B.M.S.5-2854 B.

Identical with Cor. No. 1 and Cor. No. 3, Sirius Lode and Q. M. D. Lode, of this survey, respectively.

Thence S. 50°09' E.

371.66

Intersect the northern boundary line of Sec. 9 at N. 81°44'15"E., 2401.67 ft. from the N. W. Cor. of Sec. 9 and at S. 81°44'15"W., 241.13 ft. from the 1/4 Sec. Cor.

654.95

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

Containing 4.974 Acres. ✓

AREA.

	Acres.
Total area, Winchester Lode -----	15.658 ✓
Total area, Stockton Lode - - - - -	16.664 ✓
Area in conflict with -	
Winchester Lode, of this survey --	5.216
Area in conflict with Blue Jay lode, unsurveyed,	.406
Total area, Q. M. D. Lode -----	14.466 ✓
Area in conflict with -	
Stockton Lode, of this survey ----	1.485 ✓
Total area, Sirius Lode -----	16.227 ✓
Area in conflict with -	
Q. M. D. Lode, of this survey ----	2.310 ✓
Total area, Teddy Lode -----	16.956 ✓
Total area, Clearing House Lode -----	19.517 ✓

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SURVEY NO. 2854 A and B - Continued

AREA - continued.

	Acres.
Total area, Alta Lode -----	18.171 ✓

Total area, Richard Lode -----	2.040 ✓
Area in conflict with -	
Blue Jay Lode, unsurveyed -----	.218 ✓

Total area, Prince George Lode -----	10.087 ✓
Area in conflict with Blue Jay lode, Uns.	2.880

Total area, Co-Op Lode -----	10.331 ✓
Area in conflict with Blue Jay lode, Uns.,	.045

Total area, Jubilee Lode -----	14.392 ✓
Area in conflict with -	
Winchester Lode, of this survey -	.970 ✓

Total area, Stockton Hill Lode -----	8.821 ✓

LOCATION.

This survey is located in the S. $\frac{1}{2}$ Sec. 4, N. $\frac{1}{2}$ Sec. 9 and the S. E. $\frac{1}{4}$ Sec. 5, T. 22 N. R. 17 W., G. & S. R. B. & M., Wallapai Mining District, Mohave Co., Ariz.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

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

Winchester Lode

No. 1. The discovery shaft of the Winchester Lode, on the center line 30 ft. from the center of line 3-4, 4 x 6 ft., 70 ft. deep.

Value \$1400.

SURVEY NO. 2854 A and B - Continued

EXPENDITURES OF FIVE HUNDRED DOLLARS - continued.

No. 2. A shaft which bears from Cor. No. 3, Winchester Lode, N. $11^{\circ} 46' E.$, 320 ft., 4 x 6 ft., 23 ft. deep.

Value \$230.

No. 3. A shaft which bears from Cor. No. 3, Winchester Lode, N. $26^{\circ} 36' W.$, 633 ft., 4 x 6 ft., 50 ft. deep.

Value \$750.

Stockton Lode.

No. 1. The discovery shaft of the Stockton Lode, on the center line 470 ft. from the center of line 1-2, 4 x 6 ft., 50 ft. deep.

Value \$750.

No. 2. A shaft on the center line of the Stockton Lode, 952 ft. from the center of line 1-2, 4 x 6 ft., 15 ft. deep.

Value \$150.

No. 3. A tunnel, the mouth of which is on the center line of the Stockton Lode, 715 ft. from the center of line 1-2, 4 x 6 ft., running N. $75^{\circ} W.$, 20 ft.

Value \$200.

No. 4. A tunnel, the mouth of which is on line 2-3, Stockton Lode, 150 ft. from Cor. No. 2, 4 x 6 ft., running N. $40^{\circ} W.$, 40 ft.

Value \$400.

Q. M. D. Lode.

No. 1. The discovery shaft of the Q. M. D. Lode, on the center line, 160 ft. from the S. E. E. C., 4 x 6 ft., 50 ft. deep.

Value \$750.

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SURVEY NO. 2854 A and B - Continued

EXPENDITURE OF FIVE HUNDRED DOLLARS - continued.

No. 2. A tunnel, the mouth of which bears S. 52° 50' E., 283 ft. from the N. W. E. C., Q. M. D. Lode, 4 x 6 ft., running S. 40° E., 59 ft. At the face, on the west side of the tunnel, is a winze, 4 x 6 ft., 10 ft. deep.

Value of tunnel and winze \$700.

No. 3. A tunnel, the mouth of which bears from Cor. No. 1, Q. M. D. Lode, S. 61° 32' W., 248 ft., 5 x 7 ft., running S. 43° E., 143 ft.

Value \$1430.

 Sirius Lode.

No. 1. The discovery shaft of the Sirius Lode, on the center line, 20 ft. from the center of line 3-4, 4 x 6 ft., 8 ft. deep.

Value \$50.

Note: A cross cut, 4 x 6 ft., running N. 16° E., 135 ft., which starts at a point in a drift, N. 61° W., 50 ft. from the bottom of a 163 ft. vertical shaft, known as the Intersection Shaft, the collar of which bears N. 29° 36' E., 227 ft. from Cor. No. 2, Winchester Lode, of this survey.

The Intersection Shaft is located in the bottom of a ravine and in such a place that the claims in the near vicinity can, by one system of workings and one set of machinery, be economically and advantageously developed.

The ground rises abruptly from the collar of the Intersection Shaft to the out-crop of the Sirius vein. The cross cut being driven will tap the Sirius vein about 300 feet below the surface.

Value, \$1350.00

SURVEY NO. 2854 A and B - Continued

EXPENDITURES OF FIVE HUNDRED DOLLARS - continued.

Alta Lode.

No. 1. The discovery shaft of the Alta Lode, on the center line, 240 ft. from the S. E. E. C., 5 x 7 ft., 33 ft. deep, timbered.

Value \$660.

No. 2. A shaft which bears S. 56° 14' W., 253 ft. from Cor. No. 2, Alta Lode, 4 x 6 ft., 49 ft. deep.

Value \$750.

No. 3. A shaft which bears S. 15° 26' E., 270 ft. from Cor. No. 3, Alta Lode, 5 x 7 ft., 90 ft. deep, partly timbered.

Value \$1800.

No. 4. A tunnel, the mouth of which is on the center line of the Alta Lode, 250 ft. from the S. E. E. C., 4 x 6 ft., running N. 50° W., 95 ft.

Value \$950.

Richard Lode.

No. 1. The discovery shaft of the Richard Lode, on the center line, 222 ft. from the S. E. E. C., 4 x 6 ft., 8 ft. deep.

Value \$50.

Note: A cross cut, 4 x 6 ft., running S. 73° E., 23 ft.; thence N. 37° E., 44 ft., starting at a point in Tunnel No. 3, Q. M. D. Lode, S. 43° E., 40 ft. from the mouth.

Value \$670

Tunnel No. 3 on the Q.M.D. lode was driven along the Q.M.D. vein and tends solely to develop the said vein. The crosscut, started from this tunnel toward the Richard lode is for the purpose of intersecting and developing the Richard vein. There has been no vein on the Q.M.D. claim crosscut by this crosscut, and as far as can be determined from surface indications, there are no veins on the Q.M.D. claim that will be intersected by this crosscut; therefore I do not consider this crosscut will facilitate the extraction of any mineral from the Q.M.D. claim.

The ground rises gradually from the mouth of the tunnel to the outcrop of the Richard vein and this crosscut will tap the said vein at possibly 100 feet from the surface. Ore can be trammed through the crosscut and tunnel to the surface and hoisting machinery on the Richard claim may be done away with. Therefore I consider the crosscut an improvement to the Richard lode alone.

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SURVEY NO. 2854 A and B - Continued
TEDDY LODE.

No. 1, the discovery shaft of the Teddy lode, on the center line, 10 ft. from the center of line 1-2, 4 x 6 ft., 8 ft. deep.

Value \$50.

Note. A cross cut, 5 x 6 ft., running S. 27° W., 35 ft.; thence S. 75° W., 45 ft., starting at a point in a drift N. 61° W., 25 ft. from the bottom of a 163 ft. vertical shaft, known as the Intersection Shaft, the collar of which bears N. 29° 36' E., 227 ft. from Cor. No. 2, Winchester Lode.

The ground rises abruptly from the collar of said shaft to the out-crop of the Teddy vein and the cross cut being driven will tap the Teddy vein at about 250 feet from the surface.

Value \$800.

Clearing House Lode.

No. 1. The discovery shaft of the Clearing House Lode, on the center, 660 ft. from the center of line 3-4, 4 x 6 ft., 8 ft. deep.

Value \$50.

Note. A drift, 5 x 6 ft., running N. 61° W., 90 ft., thence N. 80° W., 45 ft., from the bottom of a 163 ft. vertical shaft, known as the Intersection Shaft, the collar of which bears N. 29° 36' E., 227 ft. from Cor. No. 2, Winchester Lode.

The ground rises abruptly from the collar of said shaft to the out-crop of the Clearing House vein and this drift will tap the Clearing House vein at about 300 feet below the surface.

Value \$1350.

SURVEY NO. 2854 A and B - Continued

EXPENDITURE OF FIVE HUNDRED DOLLARS - continued.

Prince George Lode.

No. 1. The discovery shaft of the Prince George Lode, on the center line at the center of line 2-3, 4 x 6 ft., 50 ft. deep.

Value \$500.

No. 2. A shaft, on the center line of the Prince George Lode, 105 ft. from the center of line 2-3, 4 x 6 ft., 30 ft. deep.

Value \$300.

No. 3. A shaft, on the center line of the Prince George Lode, 273 ft. from the center of line 4-1, 4 x 6 ft., 8 ft. deep.

Value \$50.

No. 4. A shaft, on the center line of the Prince George Lode, 115 ft. from the center of line 4-1, 4 x 6 ft., 20 ft. deep.

Value \$200.

No. 5. A tunnel, the mouth of which bears N. 62° 50' W., 186 ft. from the S. E. E. C. of the Prince George Lode, 5 x 6 ft., running N. 28° W., 40 ft.

Value \$400.

No. 6. A tunnel, the mouth of which is on the center line of the Prince George Lode, 305 ft. from the center of line 2-3, 5 x 6 ft., running N. 55° 55' W., 50 ft.

Value \$500.

Note: A tunnel, No. 3 of the Co-op improvements, a common improvement to the Prince George and Co-op lodes, hereafter, described.

The ground rises abruptly from the mouth of the tunnel toward the Prince George Lode.

This tunnel is a common improvement to the Prince

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SURVEY NO. 2854 A and B - Continued

EXPENDITURE OF FIVE HUNDRED DOLLARS - continued.

George and Co-Op Lodes for both claims can be advantageously developed with the one system of workings.

Credited to this claim One half total value \$1175.

 Co-Op Lode.

No. 1. The discovery shaft of the Co-Op Lode, on the center line, 360 ft. from the center of line 4-1, 4 x 6 ft., 35 ft. deep.

Value \$350.

No. 2. A shaft, on the center line of the Co-Op Lode, 65 ft. from the center of line 2-3, 4 x 6 ft., 110 ft. deep.

Value \$2200.

No. 3, a tunnel, the mouth of which hrs. N. 57° E. 322 ft. from Cor. No. 2 Co-Op lode, 5 x 7 ft., running N. 30° W. 70 ft., thence N. 51° W. 165 ft., total value \$2350. A $\frac{1}{2}$ interest in this tunnel is credited to the Prince George lode.

Credited to this claim One half total value \$1175.

 Jubilee Lode.

No. 1. The discovery shaft of the Jubilee Lode, on the center line, 500 ft. from Cor. No. 1, 4 x 6 ft., 10 ft. deep.

Value \$50.

No. 2. A tunnel, 5 x 7 ft. and a drift, 4 x 6 ft. The mouth of the tunnel bears S. 75° 25' E., 128 ft. from Cor. No. 6, Jubilee Lode, and thence runs S. 55° W., 156 ft. The drift starts from the end of the tunnel and runs S. 60° E., 20 ft.

The ground rises abruptly from the mouth of the tunnel to the out-crop of the Jubilee and Stockton Hill vein and the drift being driven will develop the two claims at a depth of about 100 feet from the surface.

The tunnel was started on the Prince George Claim in

SURVEY NO. 2854 A and B - Continued

EXPENDITURE OF FIVE HUNDRED DOLLARS - continued.

the bottom of a ravine, in order to get as low an elevation as possible and not for the purpose of developing any part of the Prince George Claim. There was no vein on the Prince George Claim cross-cutted by the tunnel.

This tunnel and drift is a common improvement to the Jubilee and Stockton Hill Lodes for both claims can be developed economically and to advantage by the one system of workings.

Credited to this claim One-half total value, \$880.

No. 3. A tunnel, the mouth of which bears S. 71° 25' E., 62 ft. from Cor. No. 6, Jubilee Lode, 4 x 6 ft., running N. 40° W., 20 ft.

Value \$200.

No. 4. A tunnel, the mouth of which bears N. 89° 15' W., 95 ft. from Cor. No. 6, Jubilee Lode, 4 x 6 ft., running N. 40° W., 15 ft.

Value \$150.

Stockton Hill Lode.

No. 1. The discovery shaft of the Stockton Hill Lode, on the center line, 25 ft. from the center of line 1-2, 4 x 6 ft., 10 ft. deep.

Value \$50.

Note. A tunnel and drift, No. 2 of the Jubilee Lode improvements.

This is a common improvement of the Jubilee and Stockton Hill Lodes, described above.

Credited to this claim One-half total value, \$880.

OTHER IMPROVEMENTS.

A shaft, known as the Intersection Shaft, which bears N. 29° 36' E., 227 ft. from Cor. No. 2, Winchester

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SURVEY NO. 2854 A and B - Continued

OTHER IMPROVEMENTS - continued.

Lode, 6 x 9 ft., 163 ft. deep, timbered. Owned by claimant.

A drift, 4 x 6 ft., which starts at a point in tunnel No. 2 of the Jubilee Lode, 40 ft. from the mouth and runs N. 40° W., 35 ft. Owned by claimant.

A mill, the N. E. corner of which bears N. 30° 32' W., 111.6 ft. from Cor. No. 2, Banner Mill Site, 48.5 ft. square. Course of two sides S. 1° W. Owned by claimant.

A ware-house, the N. W. corner of which bears S. 51° 37' W., 112.0 ft. from Cor. No. 1, Winchester Lode, 23 x 30 ft. Course of long sides S. 0° 15' E. Owned by claimant.

An office building, the N. E. corner of which bears S. 16° 20' W., 199.1 ft. from Cor. No. 1, Winchester Lode, 14 x 20 ft. Course of long sides S. 10° W.

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SURVEY NO. 2854 A and B - Continued

OTHER IMPROVEMENTS - continued.

Owned by claimant.

A boarding house, the S. W. corner of which bears N. $51^{\circ}22'E.$, 268.4 ft. from Cor. No. 1, Winchester Lode, 16 x 48 ft. Course of long sides N. $58^{\circ}10'E.$

Owned by claimant.

A bunk house, the S. W. corner of which bears S. $89^{\circ}41'E.$, 321 ft. from Cor. No. 3, Q. M. D. Lode, 14 x 26 ft. Course of long sides N. $44^{\circ}30'E.$ Owned by claimant.

A cabin, the N. E. corner of which bears S. $6^{\circ}22'W.$, 44 ft. from Cor. No. 3, Q. M. D. Lode, 10 x 12 ft. Course of long sides N. $72^{\circ}10'E.$ Owned by claimant.

A hoist house, the S. W. corner of which bears N. $63^{\circ}57'E.$, 328 ft. from Cor. No. 2, Co-Op Lode, 28 x 36 ft. Course of long sides N. $40^{\circ}E.$ Owned by claimant.

A tunnel, the mouth of which bears S. $49^{\circ}29'E.$, 625 ft. from Cor. No. 2, Clearing House Lode, 5 x 7 ft., running N. $26^{\circ}45'W.$, 97 ft. Owned by claimant. The work was done prior to the date of location of the Clearing House Lode.

A tunnel, the mouth of which bears S. $55^{\circ}46'E.$, 776 ft. from Cor. No. 2, Clearing House Lode, 4 x 6 ft., running N. $29^{\circ}E.$, 12 ft. Owned by claimant. The work was done prior to the date of location of the Clearing House Lode.

A shaft, which bears S. $52^{\circ}E.$, 578 ft. from Cor. No. 2, Clearing House Lode, 4 x 6 ft., 40 ft. deep. Owned by claimant. The work was done prior to the date of location of the Clearing House Lode.

A shaft, which bears S. $56^{\circ}06'E.$, 710 ft. from Cor. No. 2, Clearing House Lode, 4 x 6 ft., 60 ft. deep.

SURVEY NO. 2854 A and B - Continued

OTHER IMPROVEMENTS - continued.

Owned by claimant. The work was done prior to the date of location of the Clearing House Lode.

A shaft, which bears S. $57^{\circ}47'$ E., 773 ft. from Cor. No. 2, Clearing House Lode, 4 x 6 ft., 15 ft. deep.

Owned by claimant. The work was done prior to the date of location of the Clearing House Lode.

 INSTRUMENT.

This survey was made with a C. L. Berger and Sons mining transit, No. 3691. The courses were deflected from the true meridian as determined by an observation on the north star, Polaris. The distances were measured with 100-ft. and 300-ft. steel tapes.

 REPORT.

The N. W. Cor. of Sec. 9, T. 22 N. R. 17 W., G. & S. R. B. & M. is a cedar stake, 2 ins. square, in a mound of stones, scribed S IV on the N. E. face, S V on the N. W. face, S VIII on the S. W. face and S IX - T. 22 N. R. 17 W. on the S. E. face. There are no witness objects to the corner.

The $\frac{1}{4}$ Sec. Cor. between Secs. 4 and 9, T. 22 N. R. 17 W., G. & S. R. B. & M. is a 3 in. x 12 in. quartz porphyry stone, showing 20 ins. above ground, chiseled $\frac{1}{4}$ S on the east face. There are no witness objects to the corner.

The N. E. Cor. of Sec. 9, T. 22 N. R. 17 W., G. & S. R. B. & M., is a cedar stake, 2 ft. long, 2 ins. square, in a mound of stones, scribed S III on the N. E. face, S IV on the N. W. face, S IX on the S. W. face and S X - T. 22 N. R. 17 W. on the S. E. face. There are no witness objects to the corner.

SURVEY NO. 2854 A and B - Continued

REPORT - continued.

The $\frac{1}{4}$ Sec. Cor. between Secs. 9 and 10, T. 22 N. R. 17 W., G. & S. R. B. & M. is a cedar stake, 2 ins. square, showing 6 ins. above ground, scribed $\frac{1}{4}$ S on the east face, witnessed by a mound of stones, 3 ft. at the base and 2 ft. high. There are no witness objects to the corner.

The N. W. Cor. of Sec. 4, T. 22 N. R. 17 W., G. & S. R. B. & M. is a cedar stake, 2 ins. square, in a mound of stones, scribed S IV on the S. E. face, S V on the S. W. face, S XXXII on the N. W. face and S XXXIII - T. 22 - 23 N. R. 17 W. on the N. E. face.

There are no witness objects to the corner.

The $\frac{1}{4}$ Cor. between Secs. 4 & 5 could not be found after diligent search there for.

Sur. No. 1456, De la Fontaine lode:

Cors. 1 and 4 are pine posts, 4 ins. square, properly set and scribed with the number of the corner and survey. I find the course and distance of line 4-1 to be incorrect as approved and the same are properly given in these field notes.

Sur. No. 1942, Fountain Head lode:

Cors. 1 and 4 are pine posts, 4 ins. square, properly set and scribed with the number of the corner and survey. I find the course and distance of line 4-1 to be incorrect as approved and the same are given correctly in these field notes.

Sur. No. 1943, Eagle lode:

Cor. No. 4 is a pine post, 4 ins. square, properly set and scribed with the number of the corner and survey. Cor. No. 1 is lost.

Sur. Lot No. 37, Cupel lode:

The N. W. Cor. is a pine stake, 2 x 4 ins., with a tin plate attached, marked N. W. Cor. Cupel & Tiger M. The

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SURVEY NO. 2854 A and B - Continued

REPORT - continued.

N. E. Cor. is a pine post, 4 ins. square, in mound of stones, scribed N. E. Cor. Cupel & Tiger M. A tin plate with the same markings lies in the mound of stones. I find the course and distance of line from the N. W. Cor. to the N. E. Cor. to be incorrect as approved and the same are properly given in these field notes.

Sur. No. 1991, Infallible lode:

All the corners are pine posts, 6 ins. square, properly set and scribed with the number of the corner and survey. I find all courses and the distance of line 1-2 to be correct as approved.

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SURVEY NO. 2854 A & B. Continued.

ADJOINING CLAIMS.

Fraction Claim, ^{Unsur.} claimant Mr. Willis, extension of the Alta Lode, of this survey, on the north-west.

Cupel, Sur. Lot No. 37, extension of the Alta Lode on the south-east. ~~Shown on Preliminary Tracing.~~

Robin Hood, unsurveyed, claimant unknown, parallels the Richard Lode, of this survey, on the north-east. ~~Shown on Preliminary Tracing.~~

Blue Jay, unsurveyed, Robert Grey claimant, extension of the Q. M. D. Lode, of this survey, on the south-east. ~~Shown on Preliminary Tracing.~~

Dexter, unsurveyed, claimant owner, extension of the Co-Op Lode, of this survey, on the south-east. ~~Shown on Preliminary Tracing.~~
Stockton Tunnel lode, unsurveyed, claimant The Needles Mining & Smelting Company, conflicts with the Stockton Hill lode on the northeast.

New Era, unsurveyed, Mr. Best claimant, extension of the Stockton Hill Lode, of this survey, on the south-east.

Little Chief, unsurveyed, claimant unknown, extension of the Winchester Lode, of this survey, on the south-east.

Dispatch, unsurveyed, Mr. Bishop claimant, parallels the Clearing House Lode, of this survey, on the south.

De la Fontaine, Sur. No. 1456, extension of the Clearing House Lode, of this survey, on the west. ~~Shown on Preliminary Tracing.~~

Infalible, Sur. No. 1991, extension of the Winchester Lode, of this survey, on the north-west. ~~Shown on Preliminary Tracing.~~

Infalible Mill Site, unsurveyed, claimant owner, parallels the Sirius Lode, of this survey, on the south-west. ~~Shown on Preliminary Tracing.~~

Fountain Head, Sur. No. 1942, extension of the Sirius Lode, of this survey, on the north-west. ~~Shown on Preliminary Tracing.~~

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by M. D. Johnson,

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.....

The Needles Mining and Smelting Company

Winchester, Stockton, Q. M. D., Sirius, Alta, Richard, Teddy, known as the Clearing House, Prince George, Co-Op, Jubilee and Stockton

Hill Lodes, and Banner Mill Site.
and showing the respective capacities in which they acted.

- W. F. Walsh, Chainman.
-, Chainman.
-, Axman.
-, Flagman.

FINAL OATHS OF ASSISTANTS.

~~We~~, I, W. F. Walsh

....., do solemnly swear that ~~we~~ ^I assisted

M. D. Johnson, United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of The Needles Mining and Smelting Company

Winchester, Stockton, Q. M. D., Sirius, Alta, Richard, Teddy, known as the Clearing House, Prince George, Co-Op, Jubilee and Stockton

Hill Lodes, and Banner Mill Site.
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~~ ^{my} 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.

- W. F. Walsh, Chainman.
-, Chainman.
-, Axman.
-, Flagman.

Subscribed and sworn to by the above-named persons before me this 22nd

day of September, 1910

H. H. Watkins
Notary Public

FINAL OATH OF U. S. ~~DEPUTY~~ MINERAL SURVEYOR

I, M. D. Johnson, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated August 23, 1910, 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 The Needles Mining and Smelting Company

Winchester, Stockton, Q. M. D., Sirius, Alta, Richard, Teddy, Clearing House, Prince George, Co-Op, Jubilee and Stockton Hill Lodes, and Banner Mill Site., known as the situate in Wallapai Mining District, Mohave County, Arizona, in Section 4, 5 and 9, Township No. 22 N., Range No. 17 W., G. & S.R. B. & M., and designated as Survey No. 2854 A & B, as represented in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or its grantors are as therein fully stated, and that the character, extent, location and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

M. D. Johnson
U. S. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said M. D. Johnson
U. S. ~~Deputy~~ Mineral Surveyor, before me H. H. Waiters
Notary Public this 27th
day of September 1910.

H. H. Waiters
Notary Public

o 3-154
My Commission expires
January 14, 1913.

AMENDED

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Stockton Hill 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 L. D. Godshall, a citizen of the United States and now owned by The Needles Mg. & Sm. Co. a corporation

(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 3rd day of September 1909

The length of this claim is 710 feet, and we claim 25 feet, in a N Easterly direction and

685 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 Wallapai Mining District, in Mohave County, in the Territory of Arizona, about 3000 in a N Easterly direction from Stockton Hill Camp

The surface boundaries of the claim are marked upon the ground as follows: Beginning at 4"x4" post in rock mound

at a point in a N Easterly direction 25 feet from the discovery shaft (at which this notice is posted), being in the center of the East end line of said claim; thence N 27° E. 290 feet to a 4x4 post in rock mound, being the N.E. corner of said claim; thence N. 63° W. 705 feet to a 4x4 post in rock mound, being at the N.W. corner of said claim; thence S. 27° W. 200 feet to a 4x4 post on rock mound at the center of the West end of said claim; thence S. 27° W. 300 feet to a 4x4 post in rock md. being at the S.W. corner of said claim; thence S. 56° E. 710 feet to a 4x4 post in rock md. at the S.E. corner of said claim; thence N. 27° E. 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 16, 1901.

This is an Amended Location Notice of the Stockton Hill Mining Claim, located by L. D. Godshall on the 3rd day of

September 1909, and recorded in Book 7E of Records of Mines, at page 585, in the office of the County Recorder of the aforesaid County of Mohave to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 13 th. day of May 19010

The Needles Mining & Smelting Co.
by J. F. Hoffman, Supt.

TERRITORY OF ARIZONA,

County of..... } ss.

I,....., County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at.....o'clock,.....M., on this.....day of.....190..., and duly recorded in Book No..... of.....Records of.....County, Arizona, at pages.....

WITNESS my hand and official seal the day and year first above written.

County Recorder.

AMENDED
Notice of Location.
LODE CLAIM.

Dated.....190.....

Filed and Recorded at request of

D. R. Mann

May 14th A. D. 1900
at *9¹⁰ O'clock* *A. M.*

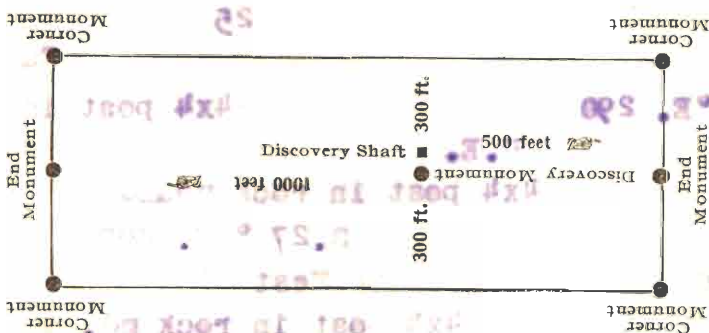
Book *D.D.*

Pages *192-193*

J. M. Morgan
County Recorder.

By.....
Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

AMENDED

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Jubilee 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 Peter Caffery & Anson H. Smith, citizens of the U.S. & now owned by The Needles Mfg & Sm Co. & Corporation (Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 17th day of August 1901 the length of this claim is 1500 feet, and one claim 1000 feet,

in an Easterly direction and 500 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 Mallapai Mining District, in Mohave County, in the Territory of Arizona, about 1/4 mile in a South Easterly direction from Stockton Hill Camp and parallels the Prince George claim on the South

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a 4x4 post in rock mound

at a point in a Westerly direction 500 feet from the discovery shaft (at which this notice is posted), being in the center of the West end line of said claim; thence S 27° W. 260 feet to a 4x4 post in rock mound, being the S.W. corner of said claim; thence S 61° E 1500 feet to a 4x4 post in rock mound, being at the S.E. corner of said claim; thence N 27° E 300 feet to a 4x4 post in rock mound at the center of the East end of said claim; thence N 27° E 200 feet to a 4x4 post in rock mound, being at the N.E. corner of said claim; thence N 63° W. 335 feet to the S.E. cor. of Prince George thence N. 70° W. 737 feet to the S.W. cor. of Prince George claim. Thence N. 78° W. 446 feet at the N.E. corner of said claim; ~~thence~~ and ~~feet to~~ the place of beginning.

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

This is an Amended Location Notice of the Jubilee Mining Claim, located by Peter Caffery & Anson H. Smith on the 17th day of August 1898, and recorded in Book O. of Records of Mines, at page 6, in the office of the County Recorder of the aforesaid County of Mohave to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 29th day of April 1900
The Needles Mfg & Sm Co
by J. F. Hoffman Supt

TERRITORY OF ARIZONA, }
County of..... } ss.

I,....., County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at.....o'clock,.....M., on this.....day of.....190..., and duly recorded in Book No..... of.....Records of.....County, Arizona, at pages.....

WITNESS my hand and official seal the day and year first above written.

.....
County Recorder.

AMENDED
Notice of Location.
LODE CLAIM.

Dated 190

Filed and Recorded at request of

D R Munn

May 2nd A. D. 1900
at *2 40 O'clock P.M.*

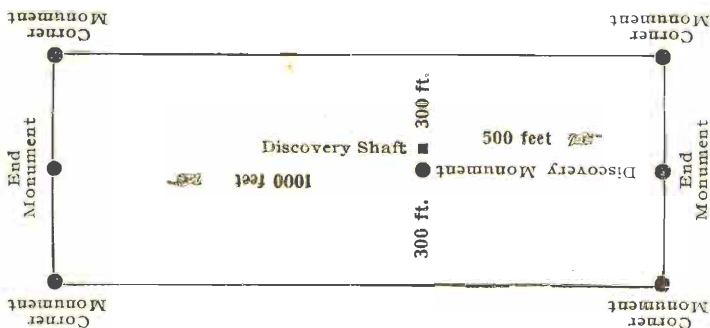
Book *D.R.*

Pages *183-184*

J M Morgan
County Recorder.

By
Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

AMENDED

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Co-Op 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 Thomas M. Mahon & William Larkin, citizens of the U.S. and now owned by The Needles Mfg & Sm Co, a Corporation (Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 10th day of January 1901 The length of this claim is 750 feet, and we claim 390 feet,

in a Westerly direction and 360 feet in an Easterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the East to the West

The claim is situated and located in the Mallapai Mining District, in Mohave County, in the Territory of Arizona, about 1/2 mile in an Easterly direction from Stockton Hill Camp and adjoins the Prince George claim on the east and the Dexter claim on the west

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a 8" x 14" x 16" granite rock

at a point in an Easterly direction 360 feet from the discovery shaft (at which this notice is posted), being in the center of the East end line of said claim; thence N 27° E 300 feet to a 30" x 36" x 40" granite rock, being the N. E. corner of said claim; thence N 63° W 750 feet to a 7' x 12" x 16" granite rock, being at the N. W. corner of said claim; thence S 27° W 300 feet to the center of the Prince George Discovery Shaft at the center of the West end of said claim; thence S 27° W 300 feet to a 30" x 36" x 14" granite rock, being at the S. W. corner of said claim; thence S 63° E 750 feet to a 12" x 14" x 16" granite rock at the S. E. corner of said claim; thence N 27° E 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 16, 1901.

This is an Amended Location Notice, of the Co-Op Mining Claim, located by Thomas M. Mahon & William Larkin on the 10th day of January 1894 ~~1896~~, and recorded in Book 20 of Records of Mines, at page 451, in the office of the County Recorder of the aforesaid County of Mohave to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 29th day of April 1901
The Needles Mfg & Sm Co
by J. F. Hoffman Supt

TERRITORY OF ARIZONA, }
County of } ss.

I,, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at o'clock, M., on this day of 190..., and duly recorded in Book No. of Records of County, Arizona, at pages

WITNESS my hand and official seal the day and year first above written.

.....
County Recorder.

AMENDED
Notice of Location.
LODE CLAIM.

Dated 190.....

Filed and Recorded at request of

D R Muir

May 2nd A. D. 1900
at *240 Ochock P.M.*

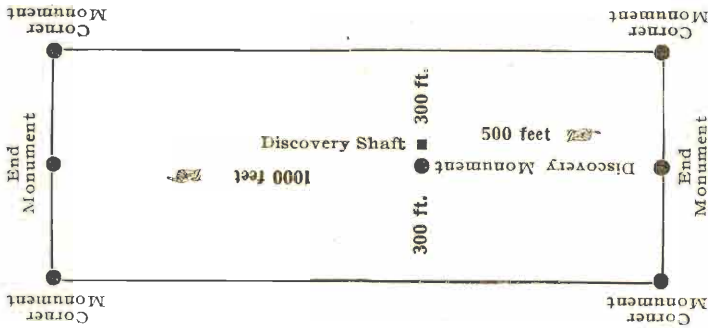
Book *R.D.*

Pages *179*

J. H. Morgan
County Recorder.

By *J. H. Morgan*
Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

AMENDED

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Prince George 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 John H. Johnson a citizen of the United States and ^{now} owned by ~~the~~ The Needles Mining & Smelting Co. a corporation (Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 1st. day of January 1901 1876

The length of this claim is 737 feet, and We claim 737 feet, in a Westerly direction and -- feet in a -- 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 Wallapai Mining District, in Mohave County, in the Territory of Arizona, about 2000 feet in an Easterly direction from Stockton Hill Camp and adjoins the Stockton Claim on the East and the CO-Op claim on the West

The surface boundaries of the claim are marked upon the ground as follows: Beginning at 8"x14" x16" granite rock in place, identical with the East End Center of the Stockton Claim at a point in a Westerly direction 737 feet from the discovery shaft (at which this notice is posted), being in the center of the West end line of said claim; thence N. 27° E. 300 feet to a 9"x14"x18" granite rock, being the N.W. corner of said claim; thence S. 70° E. 737 feet to a 7"x12"x16" granite rock, being at the N.E. corner of said claim; thence S. 27° W. 300 feet to a the center of the discovery shaft at the center of the East end of said claim; thence S. 27° W. 300 feet to a 30"x 36"x 14" granite rock being at the S.E. corner of said claim; thence N. 70° W. 737 feet to a 8"x9"x12" granite rock in place at the S.W. corner of said claim; thence N. 27° E. 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 16, 1901.

This is an Amended Location Notice of the Prince George Mining Claim, located by John H. Johnson on the 1st. day of January 1901 1876 and recorded in Book B of Records of Mines, at page 60-1 in the office of the County Recorder of the aforesaid County of Mohave to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 29 th. day of April 1901

The Needles M. & Sm. Co.
by J.F. Hoffman, Supt.

TERRITORY OF ARIZONA, }
 County of } ss.

I,, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at o'clock, M., on this day of 190..., and duly recorded in Book No. of Records of County, Arizona, at pages

WITNESS my hand and official seal the day and year first above written.

County Recorder.

AMENDED
Notice of Location.
 LODE CLAIM.

Dated 190...

Filed and Recorded at request of

D. R. Muir

May 2nd A. D. 1900
 at *2 40 O'clock P. M.*

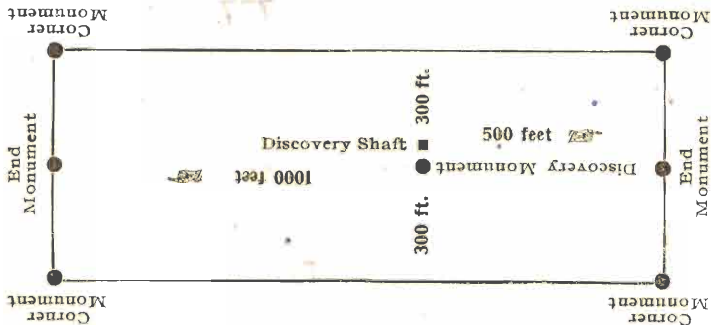
Book *D.D.*

Pages *176-177*

J. W. Morgan
 County Recorder.

By Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

AMENDED

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Clearing House 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 J.N.Cohenour, a citizen of the United States, and now owned by The Needles Mg.&Sm. Co. a corporation.

(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 2nd day of January, 1908

The length of this claim is 1422 feet, and we claim 762 feet, in a North westerly direction and 660 feet in a South easterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim.

The general course of the lode deposit and premises is from the North west to the South east

The claim is situated and located in the Wallapai Mining District, in Mohave County, in the Territory of Arizona, about 1/4 mile in a westerly direction from Stockton Hill Camp and adjoins the De La Fountain, claim on the east and the Teddy Claim on the west.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at 4x4 post in rock mound

at a point in a S. 66° E. direction 660 feet from the discovery shaft (at which this notice is posted), being in the center of the East end line of said claim; thence N. 19° E. 300 feet to a 4x4 post in rock mound, being the N.E. corner of said claim; thence N. 66° W. 1422 feet to a 4x4 post in rock mound, being at the N.W. corner of said claim; thence S. 19° W. 300 feet to a 4x4 post in rock mound at the center of the West end of said claim; thence S 19° W. 300 feet to a 4x4 post in rock mound being at the S.W. corner of said claim; thence S 66° E. 1422 feet to a 4x4 post in rock mound at the S.E. corner of said claim; thence N 19° E. 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 16, 1901.

This is an Amended Location Notice of the Clearing House Mining Claim, located by J.N. Cohenour on the 2nd day of January 1908, and recorded in Book A.A of Records of Mines, at page 175, in the office of the County Recorder of the aforesaid County of Mohave to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 29th day of April 1900

The Needles Mg.&Sm. Co.
by J.F.Hoffman, Supt.

I,....., County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at.....o'clock,.....M., on this.....day of.....190..., and duly recorded in Book No..... of.....Records of.....County, Arizona, at pages.....

WITNESS my hand and official seal the day and year first above written.

County Recorder.

AMENDED Notice of Location. LOPE CLAIM.

Dated..... 190.....

Filed and Recorded at request of

D R Miner

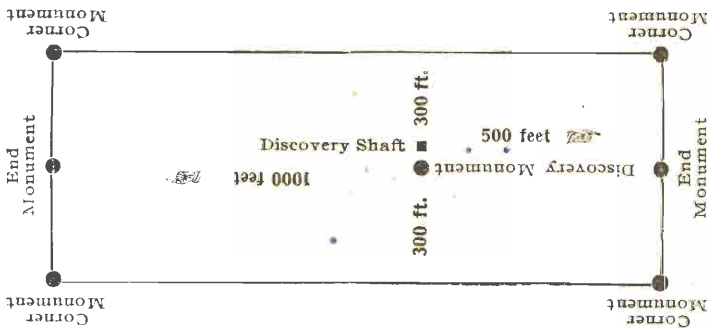
May 2nd A. D. 1900
at *2 40 O'clock P.M.*

Book *D.D.*

Pages *181-182*

J H Morgan
County Recorder.

By..... Deputy Recorder.



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

AMENDED

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Peddy 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 L. D. Godshall, a citizen of the United States ~~and now owned by The Needles Mg & Sm Co, a corporation~~
(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 1st day of January 1908
The length of this claim is 1480 feet,
and the claim 1470 feet,

in a South Easterly direction and 10 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 Mallapai Mining District, in Mohave County, in the Territory of Arizona, about 800 feet in a Westerly direction from Stockton Hill Camp and adjoins the Clearing House claim, on the east and parallels the Winchester on the West

The surface boundaries of the claim are marked upon the ground as follows: Beginning at 4x4 post in rock md, identical with the east end center post of the Clearing House claim at a point in a North Westerly direction 10 feet from the discovery shaft (at which this notice is posted), being in the center of the N. W. end line of said claim; thence N. 19° E 300 feet to a 4x4 post in rock mound, being the N. W. corner of said claim; thence S 43° E 1480 feet to a 4x4 post in rock md, being at the S. E. corner of said claim; thence S 19° W 260 feet to a 4x4 post in rock mound at the center of the S. E. end of said claim; thence S 19° W 300 feet to a 4x4 post in rock mound being at the S. E. corner of said claim; thence N 43° W 1480 feet to a 4x4 post in rock md at the S. W. corner of said claim; thence N 19° E 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 16, 1901.

This is an Amended Location Notice of the Peddy Mining Claim, located by L. D. Godshall

on the 1st day of January 1908, and recorded in Book Y of Records of Mines, at page 781, in the office of the County Recorder of the aforesaid County of Mohave to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 29th day of April 1900
The Needles Mg & Sm Co
by J. F. Hoffman, Supt

TERRITORY OF ARIZONA, }
County of..... } ss.

I,....., County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at.....o'clock,.....M., on this.....day of.....190..., and duly recorded in Book No..... of.....Records of.....County, Arizona, at pages.....

WITNESS my hand and official seal the day and year first above written.

.....
County Recorder.

AMENDED
Notice of Location.
LODE CLAIM.

Dated.....190.....

Filed and Recorded at request of

D. R. Mann

May 2nd A. D. 1900
at *9:40 O'clock P.M.*

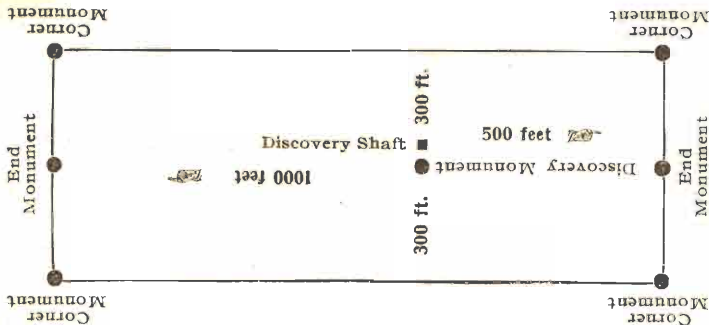
Book *D. D.*

Pages *180-181*

J. M. Morgan
County Recorder.

By.....
Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Richard 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 The Needles Mg. & Sm. Co.; a corporation, citizens of the United States.

(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 24th. day of Mar. 19 10

The length of this claim is 772 feet, and we claim 222 feet,

in a South easterly direction and 550 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 75 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 Wallapai Mining District, in Mohave County, in the Territory of Arizona, about 1/4 mile

in a n easterly direction from Stockton Hill Camp. This claim is a fraction between the Q.M.D. Claim & the Robin Hood on the North.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a 4x4 post in rock mound, on the East End line of the Alta Claim

at a point in a North Westerly direction 550 feet from the discovery shaft (at which this notice is posted), being in the center of the N.W.

end line of said claim; thence N. 39° E. 51 feet to a 4x4 post in rock mound identical with the S.W. COR of Robin Hood Claim; being the N.W. corner of said claim; thence

S. 47° E. 770 feet to a 4x4 post in rock mound, being at the N.E. corner of said claim; thence S. 39° W. 73 feet

to a 4x4 post in rock mound at the center of the SE. end of said claim; thence S. 39° W. 54 feet to a 4x4 post in rock md. being at the

S.E. corner of said claim; thence N. 45° W. 772 feet to a 4x4 post in rock md. at the S.W. corner of said claim; thence N. 39° E. 54 feet to the place of beginning.

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

Dated and posted on the ground this 24 th. day of March 1910

The Needles Mg. Sm. Co.

by J.F.Hoffman Supt.

Notice of Location

LODE CLAIM

Dated 19.....

Filed and Recorded at request of

D. R. Muir

at *May 2nd* A. D. 19*10*

F. F.

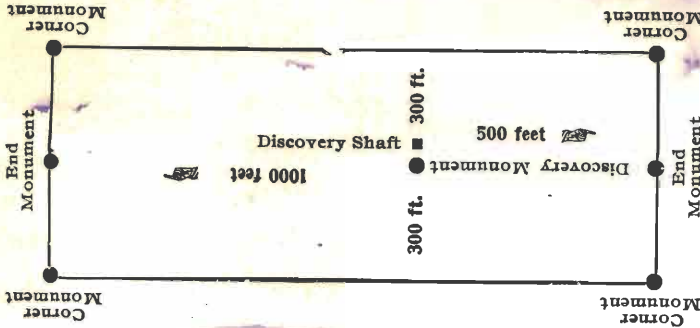
Book *432*

Pages *432*

By *J. M. Morgan*
County Recorder.

Deputy Recorder.

The McNeil Co., Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

AMENDED

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Alta 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 Peter Caffery & Anson H. Smith, citizens of the United States and now owned by The Needles Mining & Smelting Co. a corporation

(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.") the undersigned, on the 17th day of August 1901

The length of this claim is 1495 feet, and we claim 240 feet, in a South easterly direction and 1255 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 Wallapai Mining District, in Mohave County, in the Territory of Arizona, about 1/4 mile in a northerly direction from Steckton Hill Camp and is an extension of the Cupel patented claim to the west

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a 4x4 pine post in rock mound

at a point in a South easterly direction 240 feet from the discovery shaft (at which this notice is posted), being in the center of the S.E. end line of said claim; thence S. 39° W. 230 feet to a 4x4 pine post in rock mound, being the S.E. corner of said claim; thence N. 50° W. 1495 feet to a 4x4 pine post in rock mound being at the S.W. corner of said claim; thence N. 39° E. 230 feet to a 4x4 pine post in rock mound at the center of the N.W. end of said claim; thence N. 39° E. 300 feet to a 4x4 pine post in rock mound being at the N.W. corner of said claim; thence S. 50° E. 1495 feet to a 12"x30"x18" granite rock in place at the N.E. corner of said claim; thence S. 39° W. 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 16, 1901.

This is an Amended Location Notice of the Alta Mining Claim, located by Peter Caffery & Anson H. Smith

on the 17th day of August 1898, and recorded in Book "0" of Records of Mines, at page 5, in the office of the County Recorder of the aforesaid County of Mohave to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 29th day of April 1901

The Needles Mg. & Sm. Co. by J.F. Hoffman, Supt.

TERRITORY OF ARIZONA, }
County of..... } ss.

I,, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at.....o'clock,.....M., on this.....day of.....190..., and duly recorded in Book No..... of.....Records of.....County, Arizona, at pages.....

WITNESS my hand and official seal the day and year first above written.

.....
County Recorder.

AMENDED
Notice of Location.
LODE CLAIM.

Dated.....190.....

Filed and Recorded at request of

D. R. Meier

May 2nd A. D. 1900
at *240 Ochock P.M.*

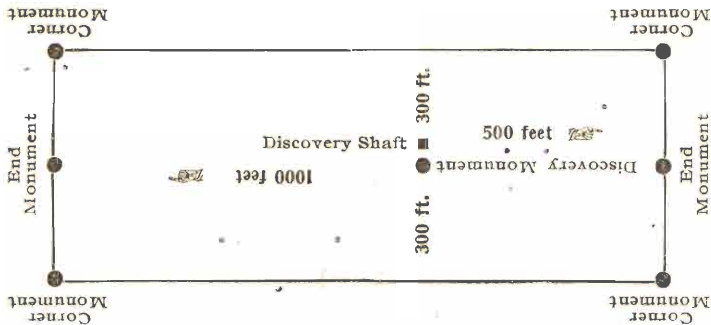
Book *D.D.*

Pages *184-185*

J. N. Morgan
County Recorder.

By.....
Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

AMENDED

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Sirius 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 Geo. Hanson & J.W. Gerritt, citizens of the United States and now owned by The Needles Mining & Smelting Co. a corporation.

(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 15th. day of August 1909

The length of this claim is 1250 feet, and W. claim 20 feet, in a North westerly direction and 1230 feet in a South easterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the North west to the South east

The claim is situated and located in the Wallapai Mining District, in Mohave County, in the Territory of Arizona, about 1/4 mile in a northerly direction from Stockton Hill Camp and is an extension of the Fountain Head patented claim to the east.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a 4"x4" pine post in a rock mound

at a point in a north westerly direction 20 feet from the discovery shaft (at which this notice is posted), being in the center of the N.W. end line of said claim; thence S. 37° W. 300 feet to a 4x4 pine post in rock mound, being the S.W. corner of said claim; thence S. 53° E. 1250 feet to a 4x4 pine post in rock md., being at the S.E. corner of said claim; thence N. 37° E. 300 feet to a 4x4 pine post in rock md. at the center of the S.E. end of said claim; thence N 37° E. 231 feet to a 4x4 pine post in Rock md., being at the N.E. corner of said claim; thence N. 50° W. 1252 feet to a 4x4 pine post in rock mound at the N.W. corner of said claim; thence S. 37° W. 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 16, 1901.

This is an Amended Location Notice of the Sirius Mining Claim, located by Geo. Hanson & J.W. Gerritt on the 15 th. day of August 1909, and recorded in Book EE of Records of Mines, at page 472 in the office of the County Recorder of the aforesaid County of Mohave to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 29 th. day of April 1900

The Needles Mg. & Sm. Co.
by J.F. Hoffman Supt.

TERRITORY OF ARIZONA, }
County of..... } ss.

I....., County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at.....o'clock.....M., on this.....day of.....190..., and duly recorded in Book No..... of.....Records of.....County, Arizona, at pages.....

WITNESS my hand and official seal the day and year first above written.

.....
County Recorder.

AMENDED
Notice of Location.
LODE CLAIM.

Dated.....190.....

Filed and Recorded at request of

D. R. Muir

May 2nd A. D. 1900
at *2:40 O'clock P.M.*

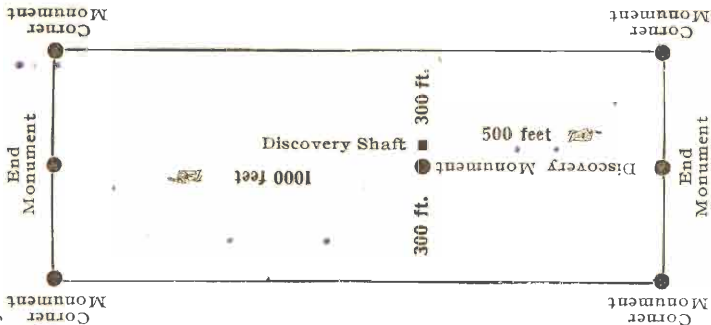
Book *D.D.*

Pages *182-183*

J. M. Morgan
County Recorder.

By.....
Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

AMENDED

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Q.M.D. 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 Leonard Kimberly, a citizen of the United States and now

owned by The Needles Mg. & Sm. Co., a corporation
(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 22 nd. day of March 1901

The length of this claim is 1330 feet, and we claim 160 feet, in a South easterly direction and 1170 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 Wallapai Mining District, in Mohave County, in the Territory of Arizona, about 1200 feet in a Easterly direction from Stockton Hill Camp and adjoins the Sirius Claim on the East and the Blue Jay Claim on the West, And lies between the Richard on the North & the Banner M.S. on the South.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a 4x4 post in rock md.

at a point in a South easterly direction 160 feet from the discovery shaft (at which this notice is posted), being in the center of the S.E. end line of said claim; thence N. 3° E. 400 feet to a 4x4 post in rock mound being the N.E. corner of said claim; thence N. 45° W. 622 ft. to the S.E. cor. Alta claim N. 50° W. 642 feet to a 4x4 post in rock md., being at the N.W. corner of said claim; thence S. 3° W. 306 feet to a 4x4 post in rock mound at the center of the N.W. end of said claim; thence S. 3° W. 364 feet to a 4x4 post in rock md., being at the S.W. corner of said claim; thence S. 50° E. 1218 feet to a 8"x14"x 16" granite rock at the S.E. corner of said claim; thence N. 3° E. 197 feet to the place of beginning.

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

This is an Amended Location Notice of the Q.M.D. Mining Claim, located by Leonard Kimberly on the 22 nd. day of March 1901, and recorded in Book "Q" of Records of Mines, at page 77, in the office of the County Recorder of the aforesaid County of Mohave to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 29th day of April 1901

The Needles Mg. & Sm. Co.
By J.F. Hoffman, Supt.

TERRITORY OF ARIZONA, }
County of..... } ss.

I,....., County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at.....o'clock,.....M., on this.....day of.....190..., and duly recorded in Book No..... of.....Records of.....County, Arizona, at pages.....

WITNESS my hand and official seal the day and year first above written.

.....
County Recorder.

AMENDED
Notice of Location.
LODE CLAIM.

Dated.....190.....

Filed and Recorded at request of

D R Meier

May 2nd A. D. 190*a*
at *2 40 O'clock* P. M.

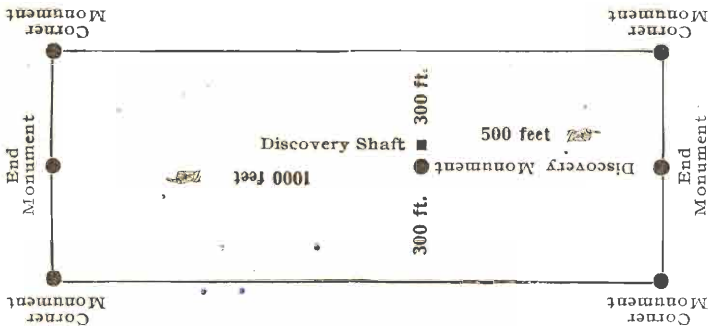
Book *DD.*

Pages *186-187*

J M Morgan
County Recorder.

By.....
Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

AMENDED

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Stockton 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. F. Gatewood, a citizen of the United States It now owned by The Needles Mining & Smelting Co. a corporation
(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 26th day of December ~~190~~ 1876

The length of this claim is 1320 feet, and the claim 470 feet, in an Easterly direction and 850 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 Mohave Mining District, in Mohave County, in the Territory of Arizona, about 900 feet in an Easterly direction from Stockton Hill Camp and is an extension of the Prince George claim on the West

The surface boundaries of the claim are marked upon the ground as follows: Beginning at 8" x 14" x 16" granite rock in place, identical with the West end center of the Prince George claim at a point in an Easterly direction 470 feet from the discovery shaft (at which this notice is posted), being in the center of the East end line of said claim; thence S 27° W 300 feet to a 8" x 9" x 12" granite rock in place, being the S. E. corner of said claim; thence N 78° W 1320 feet to a 4x4 pine post in rock mound being at the S. W. corner of said claim; thence N. 27° E 300 feet to a 4x4 pine post in rock mound at the center of the West end of said claim; thence N. 27° E 239 feet to a 6x6 pine post in rock mound being at the N. W. corner of said claim; thence S 81° E 1337 feet to a 9x14x18" granite rock at the N. E. corner of said claim; thence S 27° W. 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 16, 1901.

This is an Amended Location Notice of the Stockton Mining Claim, located by A. F. Gatewood

on the 26th day of Dec 1876, and recorded in Book B. of Records of Mines, at

page 607-8 in the office of the County Recorder of the aforesaid County of Mohave to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 29th day of April 1900
The Needles Mg & Sm Co
by J. F. Hoffman, Supt

TERRITORY OF ARIZONA,
 County of..... } ss.

I,....., County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at.....o'clock,.....M., on this.....day of.....190..., and duly recorded in Book No..... of.....Records of.....County, Arizona, at pages.....

WITNESS my hand and official seal the day and year first above written.

County Recorder.

AMENDED
Notice of Location.
 LODE CLAIM.

Dated.....190.....

Filed and Recorded at request of

D R Mann

May 2nd A. D. 1900
 at *2 40 O'clock P M.*

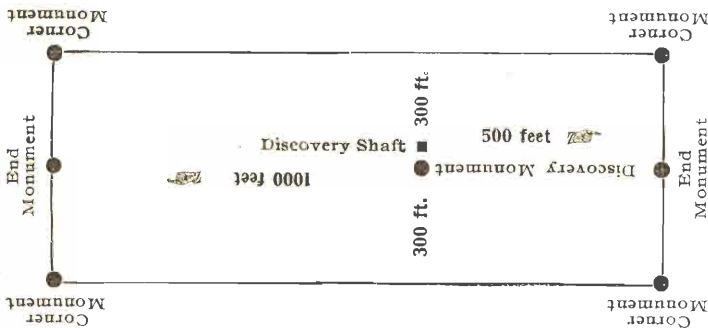
Book *D.D.*

Pages *177-178*

J M Morgan
 County Recorder.

By.....
 Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

AMENDED

Notice of Mining Location

JUN 8 - 1910

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Winchester 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 Peter Gaffney & Anson H. Smith, citizens of the United States and now owned by The Needles Mining & Smelting Co. a Corporation (Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 11th day of Sept 1901898

The length of this claim is 1140 feet, and we claim 30 feet,

in a South Easterly direction and 1110 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 Mallapai Mining District, in

Mohave County, in the Territory of Arizona, about 1000 feet

in a South Easterly direction from Stockton Hill Camp and is an extension of the Infalible patented claim to the east

The surface boundaries of the claim are marked upon the ground as follows: Beginning at 4x4 pine post in rock mound

at a point in a South Easterly direction 30 feet from the discovery shaft (at which this notice is posted), being in the center of the S. E. end line of said claim; thence N 52° E. 300 feet to a 4x4 pine post in rock mound, being the S. E. corner of said claim; thence N 43° W. 1140 feet to a 6x6 pine post in rock mound, being at the N. W. corner of said claim; thence S 52° W. 300 feet to a 4x4 pine post in rock mound at the center of the N. W. end of said claim; thence S 52° W. 300 feet to a 6x6 pine post in rock mound being at the S. W. corner of said claim; thence S 43° E. 1140 feet to a 4x4 pine post in rock mound at the S. E. corner of said claim; thence N 52° E. 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 16, 1901.

This is an Amended Location Notice of the Winchester Mining Claim, located by Peter Gaffney & Anson H. Smith

on the 11th day of Sept 1898 / 1901, and recorded in Book O. of Records of Mines, at

page 4, in the office of the County Recorder of the aforesaid County of Mohave to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 29th day of April 1910

The Needles Mg & Sm. Co.
by J. F. Hoffman Supt.

TERRITORY OF ARIZONA, }
County of } ss.

I,, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at o'clock, M., on this day of 190..., and duly recorded in Book No. of Records of County, Arizona, at pages

WITNESS my hand and official seal the day and year first above written.

County Recorder.

AMENDED
Notice of Location.
LODE CLAIM.

Dated 190.....

Filed and Recorded at request of

D R Muir

May 2nd A. D. 1900
at *2:40 O'clock P. M.*

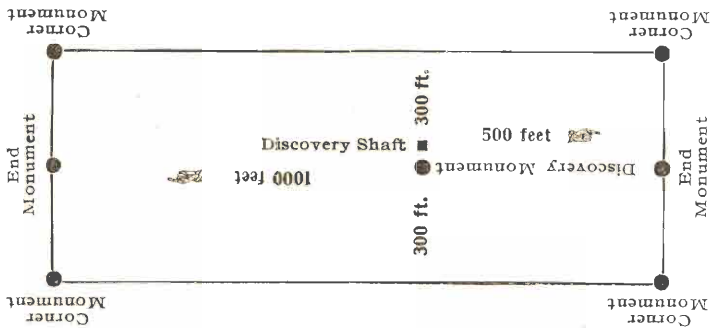
Book *D.D.*

Pages *185-186*

J M Morgan
County Recorder.

By Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

Amended Location of Mill Site

Know All Men By These Presents, That The Needles Mining & Smelting Co. does hereby declare and publish as a legal notice to all the world that it has a valid right to the occupation, possession, and enjoyment of all and singular that parcel or tract of land, not exceeding five acres, situate, lying and being in the Wallepai Mining District, in the County of Mohave in the Territory of Arizona, bounded and described as follows, to wit:

Banner Mill Site.

Beginning at Cor..No.1. identical with Cor.No.1. of the Infallible Mining Claim, Pat., Sur. No. 1991. thence N.38.W.298ft. to Cor. No.2.thence N.52 E. ,321 ft. to Cor.No.3. Thence S.53.E.228 ft. to Cor. No. 4. Thence S. 50 E., 654 ft.. to Cor. No.5. Thence N. 81 W. ,760 ft to the place of beginning .

This is an amended location made for the purpose of better defining the boundaries of the Banner Mill Site, located on the 30 th. day of August, 1905 by L.D.Godshall, locator, and recorded on the 17th. day of November, 1905 in Book 1. Page 510 of Mill Sites and Water Rights, Records of Mohave County, Arizona Territory, and is made by the successors in interest of the original locator, who hereby claim that this amended certificate relates back to the date of the original location and that it is entitled to the benefit of the original location, as well as to improvements made by the owners for the benefit of the original location. Dated April 29 th. 1910 .

The Needles Mining & Smelting Co.

By J.F.Hoffman Superintendent

Filed and Recorded at the request of D.R.Muir May 2nd. A.D. 1910 at 40 minutes past 2 O'clock P.M. in Book 1 Pages 786-787. of M.S.and W.R. Records of Mohave County, Arizona Territory.

J.W.Morgan

County Recorder.

(Recorders seal).

Territory of Arizona)
) :-
County of Mohave)
.....

I, J.W.Morgan Recorder of Mohave County , Territory of Arizona , do hereby Certify that I have compared the foregoing copies of Amended location notices of the "Winchester" , "Stockton" , "Jubilee" , "Co-Op" , "Prince George" , "Q.M.D." , "Sirius" , "Alta" , "Richard" , "Clearing House" . "Teddy" , and "Stockton Hill" Mining Claims, & "Banner Mill Site" , and of the endorsements thereupon with the original records of the same on file in this office , and that the same are correct transcripts therefrom and of the whole of said original records.

Witness my hand and the seal of said office, this 19th. day of May , 1910.

J. W. Morgan
Recorder of Mohave County .



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

January 23, 1911., 190

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

The Needles Mining and Smelting Company,

known as the WINCHESTER, STOCKTON, Q. M. D., SIRIUS, ALTA, RICHARD, TEDDY, CLEARING HOUSE, PRINCE GEORGE, CO-OP, JUBILEE, STOCKTON HILL Lodes and BANNER Mill Site, situate in Wallapai

Mining District, Mohave County, Arizona,

in Sections 4, 5 & 9, Township No. 22 North, Range No. 17 West, G. & S. R. M and

designated as Survey No. 2854 A & B, has been correctly copied from the originals on file in

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

And I further certify that five hundred dollars' worth of labor has been expended or improved or for each of
 ments made upon said mining claim by claimant or its grantors, and that said improvements consist of 21 shafts, 11 tunnels, 2 drifts, 1 winze and 1 crosscut, also a 135 ft. crosscut, value \$1350, from the Intersection Shaft

on the Infallible lode, Sur. No. 1991, which is credited to the Sirius lode, a 135 ft. drift, value \$1350, from said shaft, which is credited to the Clearing House lode, and an 80 ft. cross cut, value \$800, from said shaft, which is credited to the Teddy lode, total value \$24,350.00. The value of tunnel No. 3 on the Co-Op lode is properly distributed equally between said Co-Op lode and the Prince George lode, as it develops both of said claims, and the 67 ft. cross cut from Tunnel No. 3 on the Q.M.D. lode, which does not facilitate the extraction of mineral from the Q.M.D. claim, is credited in its entirety to the Richard lode, whose vein it will tap.

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 23, 1911, 190

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

The Needles Mining & Smelting Company,

WINCHESTER, STOCKTON, Q.M.D., SIRIUS, ALTA, RICHARD, TEDDY, CLEARING HOUSE, PRINCE GEORGE, CO-OP, JUBILEE, STOCKTON HILL Lodes, and BANNER Mill Site.

situate in Wallapai Mining District,

Mohave County, Arizona,

in Section s 4, 5 & 9, Township No. 22 North, Range No. 17 West, G. & S.R.M.

designated as Survey No. 2854 A & B

executed by M. D. Johnson, U.S. Deputy Mineral

Surveyor, August 26, - September 11, 1910, under my instructions dated

August 23, 1910, have been critically examined and the necessary cor-

rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. A true copy of the copy of the location certificate filed by the applicant for

survey is included in the field notes.

Handwritten signature of Grant L. Lyall

U. S. Surveyor-General for Arizona.