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MINERAL SURVEY NO. 1542

Claims	M & B Desc.	Improvements	Loc. Notices
Copper Hill	2	8	2
Emersley	1	7	1
Fraction	3	8	3

Recd. March 19. 1901.
Filed June 22. 1901.

U. S. L. M. No - 15421

(4-683.)

Mineral Survey No. 1542

Lot No. _____

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Charles M. Roberts

KNOWN AS THE

Emersley, Copper Hill and Fraction

Dos Cabezas Mining District,

Cochise County, Arizona

Section _____, Township 14S., Range 27E. Unsurveyed

Surveyed under instructions dated Feb 23, 1901

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

Claim located Jan 1st 1896, Dec 20th 1898 and Aug 1st 1899

Survey commenced Feb. 27th, 1901

Survey completed March 1st, 1901

6-100

Address of Claimant
Dos Cabezas
Cochise Co.
Arizona

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, John T. Proffitt and C. A. Black, do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain upon even and uneven ground and plumb the tally-pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the Mining Claim of Charles M. Roberts

known as the Emusley Copper Hill and Fraction situate in Doct. Coahuila mining district, Cochise County, Arizona, in Section —, Township No. —, Range No. unsurveyed

John T. Proffitt, Chairman.
C. A. Black, Chairman.

Subscribed and sworn to by the above-named persons before me this 27th day of February, 18 1901

John A. Rockefeller
Notary Public

I, _____, do solemnly swear that I will well and truly perform the duties of axeman, in the establishment of corners and other duties, according to instructions given me and to the best of my skill and ability, in the survey of the Mining Claim of _____

known as the _____, more fully described in the preceding affidavit.

_____, Axeman.

Subscribed and sworn to by the said _____ before me this _____ day of _____, 18 _____

I, H. J. Cowley, do solemnly swear that I will well and truly perform the duties of flagman, in the establishment of corners and other duties, according to instructions given me and to the best of my skill and ability, in the survey of the Mining Claim of Charles M. Roberts

known as the Emusley Copper Hill & Fraction, more fully described in the preceding affidavit.

Harry J. Cowley, Flagman.

Subscribed and sworn to by the said Harry J. Cowley before me this 27th day of February, 18 1901

John A. Rockefeller
Notary Public

My commission expires Apr 10 1903

SURVEY No. 1542.

Ft.	<p>EMERSLEY LODGE.</p> <p>Beginning at Cor. No. 1, identical with location the S.E. Cor. of claim, a juniper post 4 ins. sq. 3 1/2 ft. above ground, in mound of stone scribed N.E.C-E to which I add 1-1542.</p> <p>Whence</p> <p>U.S. Location Monument No. 1542 brs. S. 89° 02' W 212 ft.</p> <p>Thence S. 8° 10' W., Va. 15° 10' E.</p>
28	N.W. Cor. Fraction Claim
344.5	Center end Fraction Claim
386	To S. center end, identical with location, an oak post 4 ins. sq. 3 1/2 ft. above ground, in mound of stone, scribed S.C.E.-E. to which I add 1542.
	<p>Whence</p> <p>Initial Monument of this claim brs. N. 39° 45' W. 67 ft.</p>
542	Mouth of cut 4ft. rt. of line
642	To Cor. No. 2, identical with location, an oak post 4 ins. sq., 3 ft. above ground in mound of stone, scribed S.W.C-E. to which I add 2-1542.
	<p>Whence</p> <p>A + on porphyry rock 4 x 3 ft. 2 ft. high, chiseled B.R. 2_1542, brs. N. 16° W. 14ft.</p> <p>A + on porphyry rock 1 1/2 x 1ft. 1 ft. high, chiseled B.R. 2-1542, brs. S. 55° 20' E 10.7 ft.</p> <p>A + on porphyry rock 2 x 1 1/2 ft. 1ft. high, chiseled B.R. 2-1542 brs. S. 62° 40' W. 23.4 ft.</p>
	<p>Thence</p> <p>N. 43° 08' W. Va. 11° 30' E.</p>
110	Large Monument 9 ft. left of line
563	Monument 5 ft. left of line
563.9	S. Center side, a redwood post 4 x 4 ins. sq. 3 1/2 ft. above ground scribed S.C.S.-E. to which I add 1542.
870	Wash in canyon 6 ft. wide course South.
920	Wagon Road <i>Course E. & W</i>
940	<i>bears N.E. & S.W</i>
1127.8	To Cor. No. 3, identical with location, a pine post 4 x 4 ins. sq. 3 ft. above ground, in mound of stones scribed N.W.C-E to which I add 3-1542.
	<p>Whence</p> <p>A + on granite bed rock chiseled B.R. 3-1542, brs. S 47° 50' W. 18.7 ft.</p>

- Ft. A † on bed rock marked as above, brs. S. 39° 24' E.
8 ft.
- A † on bed rock marked as above brs. N. 28° 45' E. 14.5 ft.
- Thence
- N. 8° 10' E. Va. 13° 05' E.
- 345.5 North center end, identical with location, a pine post
4 x 4 ins. sq. 3 1/2 ft. above ground in mound of
stones on porphyry reef, scribed N.C.E.-E. to which
I add 1542.
- 731.5 To Cor. No. 4, identical with location, a pine post
4 x 4 ins. sq. 3 ft. above ground in mound of stones,
scribed N.E.C.-E. to which I add 4-1542.
- Whence
- A † on porphyry bed rock chiseled B.R. 4-1542 brs.
N. 86° 32' E. 44 ft.
- A † on porphyry bed rock marked as above brs. W. 37°
28' W. 21.4 ft.
- Monument on E. peak of Dos Cabezas, brs. N. 50° 56' W.
dist. about 3/4 mile.
- The N.W. Cor. Copper Hill claim brs. S 36° 36' ^E 232.9 ft.
- Thence
- S. 39° 45' E. Va. 13° 10' E.
- 592 Large Monument 48 1/2 ft. rt. of line
- 593.5 North center side, a redwood post 4 ins. sq. 3 ft.
above ground in mound of stone, scribed N.C.S.-E. to
which I add 1542.
- 645 Mouth of small cut course N.E.
- 650 Monument 5 ft. left of line containing notice of lo-
cation of Transit Extension claim. Post 22 1/2 ft.
rt. of line scribed N.C.E.-T.
- 670 Mouth of cut 17 ft. rt. of line, cut 15 x 5 ft. 9 ft.
face.
- 925 Back bone of Tower Ridge brs. N.E. & S.W.
- 1187 To Cor. No. 1, the place of beginning.

COPPER HILL LODGE.

Beginning at Cor. No. 1, identical with location the
S.W. Cor. of claim, a pine post 4 ins. sq. 3 ft. above
ground, in mound of stone, scribed S.W.C-C.H. to which
I add 1-1542.

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Pt.	Whence
	U.S. Location M'n't. No. 1542, brs. N. 52° 07' W. 695 ft. S.W. Cor. of Black Prince claim brs. S. 26° 50' E. 27.7 ft. A large Monument of three parts brs. S. 51° 15' E. 71 ft.
	Thence
	N. 39° 35' W. Va. 13° 50' E.
235	Wash, in canyon 8 ft. wide course S.
532	Intersect line 1-2 Emersley of this survey S. 8° 10' W. 20.6 from Cor. No. 1.
750	Center W. Side, a red-wood post 4 x 4 ins. sq. 3 ft. above ground in mound of stone, scribed W.C.S.-C.H. to which I add 1542.
800	Backbone of Tower Ridge brs. N.E. & S.W.
1500	To Cor. No. 2, identical with location, a juniper post 4 ins. sq. 3 ft. above ground in mound of stone, scribed N.W.C.-C.H. to which I add 2-1542
	Whence
	A + on porphyry rock 3 x 2 ft. 2 ft. high chiseled B.R. 2-1542 brs. S. 89° 26' E. 6.5 ft.
	A + on porphyry rock 4 x 5 ft. 2 ft. high chiseled B.R. 2-1542 brs. N. 8° 58' W. 21.6 ft.
	A + on porphyry boulder 1 1/2 x 1 1/2 ft. 1 ft. high chiseled B.R. 2-1542, brs. S. 48° 20' W. 15 ft.
	Thence N. 20° 25' E. Va. 13° 10' E.
15.3	Intersect line 1-4 Emersley of this survey at S. 39° 45' E. 225.2 ft. from Cor. No. 4.
344	North Center end, identical with location, a juniper post 4 ins. sq. 3 ft. above ground, in mound of stone, scribed N.C.E.-C.H. to which I add 1542.
	Whence
	S.E. Cor. Monte Carlo claim brs. S. 31° 06' E. 48.5 ft. A + on juniper tree 3 feet diam. blazed and scribed B.R. 1542, brs. S. 32° E. 6 ft.
	Main Divide Dos Cabezas Mountains brs. E. & W.
645	To Cor. No. 3, identical with location, a juniper post 4 ins. sq. 4 1/2 ft. above ground in mound of stone, scribed N.E.C.-C.H. to which I add 3-1542.
	Whence
	A + on porphyry rock 1 x 1 ft. 1 ft. high, chiseled B.R. 3-1542 brs. S. 37° 18' W. 15 ft.
	A + on porphyry rock 3 x 2 ft. 1 1/2 ft. high, chisel- ed B.R. 3-1542 brs. S. 86° 45' E. 6.8 ft.

Page 4.

- Ft. A + on porphyry rock 2 x 1 ft. 1 1/2 ft. high, chiseled B.R. 3-1542 brs. N. 14° 08' W. 31 ft.
- Thence
- S. 39° 35' E. Va. 13° 35' E.
- 740 Monument 12 ft. left of line
- 750 E.Center Side, a red-wood post 4 x 4 ins. sq. 3 1/2 ft. above ground, in mound of stone, scribed W.C.S.-C.H. to which I add 1542.
- On summit, main divide brs. E. & W.
- 1500 To Cor. No. 4, identical with location, a pine post 4 x 4 ins. sq. 4 ft. above ground in mound of stones scribed S.E.C.-C.H. to which I add 4-1542.
- On backbone ridge running from main divide S. 20° 25' W.
- Whence
- A + on porphyry rock 1 x 1 ft. 1/2 ft. high, chiseled B.R. 4-1542 brs. S. 58° 25' E. 22.5 ft.
- A + on porphyry rock 1 1/2 x 1 1/2 ft. 1 ft. high, chiseled B.R. 4-1542 brs. N. 8° 12' E. 14 ft.
- Monument on E. peak Dos Cabezas brs. N. 53° 47' W.
- Thence
- S. 20° 25' W. Va. 12° 50' E.
- 301 Center S. end, identical with location, a pine post 4 ins. sq. 3 1/2 ft. above ground in mound of stone, scribed S.C.E.- C.H. to which I add 1542.
- Whence
- A + on juniper tree 12 ins. diam. blazed and scribed B.T. 1542, brs. W. 58° 45' W. 11.3 ft.
- A Monument containing notice of S.E. ~~S.E.~~ Center end Copper Glance Mine brs. N. 52° 18' E. 281 ft.
- A similar Monument brs. N. 52° E. 281 ft.
- 372 A Monument 5 ft. left of line.
- 474 Monument on line
- 645 To Cor. No. 1, the place of beginning.

FRACTION LOBE.

Beginning at Cor. No. 1, identical with location, a red-wood post 4 ins. sq. 3 ft. above ground in mound of stone, scribed N.W.C.-F. to which I add 1-1542.

Ft.

Whence

U.S. Location M'n't. No. 1542 brs. N. $83^{\circ} 26'$ W. 209.5 ft.
Cor. No. 1 Emersley of this survey brs. N. $8^{\circ} 10'$ E. 238 ft.

Thence

S. $63^{\circ} 12'$ E. Va. 12° E.

13.4 Intersect line 1-2 of Copper Hill of this Survey. $N. 39^{\circ} 35' W.$
514.8 ft from Cor No 1

40. Open cut 50 ft. left of line

135 Monument 10 ft. right of line

200 Wash in canyon 10 ft. wide course S.

294.5 N. Center side, a red-wood post 4 x 4 ins. sq. $3 \frac{1}{2}$ ft. above ground in mound of stone, scribed N.C.S.-F. to which I add 1542.

462 Intersect line 1-4 of Copper Hill claim of this survey N. $20^{\circ} 25'$ E. 207.5 ft. from Cor. No. 1.

517.2 Intersect W. side line of Black Prince claim N. $29^{\circ} 20'$ E. 222.8 ft. from ~~Cor. No. 1~~ S.W. Cor.

589.1 To Cor. No. 2, identical with location, a pine post 6 x 6 ins. sq. $3 \frac{1}{2}$ ft. above ground, in mound of stone, scribed N.E.C.-F. to which I add 2-1542.

Whence

A + on porphyry rock $1 \frac{1}{2} \times 1 \frac{1}{2}$ ft. 1 ft. high chiseled B.R. 2-1542, brs. N. $7^{\circ} 40'$ E. 10.5 ft.

A + on porphyry rock $3 \times 1 \frac{1}{2}$ ft. $1 \frac{1}{2}$ ft. high chiseled B.R. 2-1542 brs. S. 52° E. 19.5 ft.

A + on quartzite rock 5×3 ft. 1 ft. high chiseled B.R. 2-1542 brs. S $32^{\circ} 23'$ E. 20.5 ft.

Thence

S. $3^{\circ} 10'$ W. Va. $13^{\circ} 10'$ E.

Along backbone of ridge

242.2 Intersect S. end line Black Prince claim S. $60^{\circ} 40'$ E. 152.2 ft. from S.W. Cor.

316.5 E. center end, identical with location, a pine post 6 x 6 ins. sq. 3 ft. above ground, in mound of stone, scribed E.C.E.-F. to which I add 1542.

318 Intersect N. end line Carnel claim S. $68^{\circ} 23' W.$ 44.4 ft. from N.E. Cor.

520 Descend bluff 20 ft. high brs. N.W. & S.E.

633 To Cor. No. 3, identical with location, a red-wood post 4 x 4 ins. sq. ,4 ft. above ground, in mound of stone scribed S.E.C.-F. to which I add 3-1542.

Ft.	Whence
	A + on porphyry rock 4 x 3 ft. 4 ft. high chiseled B.R. 3-1542, brs. N. 20° 34' E. 16.4 ft.
	A + on porphyry rock 3 x 2 ft. 3 ft. high chiseled B.R. 3-1542 brs. S. 12° 38' E. 14.4 ft.
	A + on porphyry rock 3 x 2 ft. 5 ft. high chiseled B.R. 3-1542 brs. N. 61° 39' W. 13.8 ft.
	Thence
	N. 63° 12' W. Va. 12° 20' E.
275	Wash in canyon 12 ft. wide, course S.
294.5	Center side, a red-wood post 4 x 4 ins. sq. 3 ft. above ground, in mound of stone, scribed S.C.S.-F. to which I add 1542.
364.9	<i>Intersect end line of Carmel, S 68° 23' W 442.8 ft from S.E. Cor</i>
589.1	To Cor. No. 4, identical with location, a pine post 6 x 6 ins. sq. 3 1/2 ft. above ground in mound of stone, scribed S.W.C. F. to which I add 4-1542.
	Whence
	Cor. No. 2 of Emersley claim of this survey heretofore described brs. N. 8° 10' E. 19 ft.
	Thence
	N. 8° 10' E. Va. 11 31' E.
19.00	<i>Cor. No. 2 Emersley side of this survey.</i>
275	Center end Emersley of this survey heretofore described.
316.5	W.Center end, identical with location, a pine post 6 x 6 ins. sq. 3 ft. above ground, in mound of stone, scribed W.C.E.-F. to which I add 1542.
	Whence
	Initial Monument of Fraction brs. S. 63° 12' E. 54 ft.
633	To Cor. No. 1 the place of beginning.

AREA.	Acres.
Emmersley Lode	13.88
Copper Hill Lode, Total area	19.23
Area excluded in conflict with Emersley	.31
Net area	18.92
Fractional Lode, Total area	8.11
Area excluded in conflict with Copper Hill	1.06
do. Black Prince (unsurveyed)	.59
do. Carmel (unsurveyed)	1.25
Net area	5.21
Total area	38.01

LOCATION.

This claim is located in Dos Cabezas Mining District Cochise county, Arizona, in Twp. 14 S. R. 27 E (unsurveyed) about four miles North of town of Dos Cabezas. U.S. Location Monument No. 1542 is within the boundaries of the Emersley claim.

On the Emersley, the lode extends from the S. center end N. 39° 45' W. about 600 ft.

On the Copper Hill the lode extends from the S. center end, cropping boldly about 100 feet, then disappears and re-appears on the opposite ridge; general course N. 39° 35' W.: distance about 800 ft.

On the Fraction the lode extends S. 63° 12' E. about 100 ft. from the W. center end.

The adjoining claims are "OREGON" and "BLACK PRINCE" claimed by Hanson and Savells; "MAY BLOSSOM" and "COPPER GLANCE" claimed by E. Cooreham et. al; the "TRANSIT", "TRANSIT EXTENSION", "MORIAH", "IVANHOE SPRINGS", "WEDGE", "CARMEL", "TOKEN", "NEW HOPE", and "MONTE CARLO" claimed by the Dos Cabezas Consolidated Mines Company, *all unsurveyed.*

EXPENDITURE OF FIVE HUNDRED DOLLARS.

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

On the Emersley,

- 1 Discovery cut which hrs. N 39° 45' W. 60 ft. from S. center end monument, cut 25 x 5 ft. 9 ft. face course of vein, value \$100.
- 2. A shaft which hrs. from S. center end M'n't. N. 25° 30' W. 243 ft. shaft 6 x 5 ft. 25 ft. deep, value \$ 200.
- 3. A cut the mouth of which hrs. from Cor. No. 2, N. 5° E. 100 ft. cut 12 x 5 ft. 5 ft. high, course N 40° W. Value \$ 30.
- 4. A tunnel known as the "Roberts Tunnel" the mouth of which hrs. from Cor. No. 3 S. 53° E. 365 ft. size 6 1/2 x 5 ft. length ^{to} winze 206 ft. course N. 72° 30' E. Connects with other underground work, value \$ 2000.

5. Work which brs. from Cor. No.3 S. $59^{\circ} 25'$ E. 405 ft.

Value \$ 100.

6. Work which brs. from Cor. No.3, S. $60^{\circ} 40'$ E. 416 ft.

Value \$ 100.

7. A cut and tunnel known as the "Tower Tunnel", the mouth of which brs. from *Cor. No.1.* N. $86^{\circ} 49'$ W.

~~243~~ ft. cut 22 ft. to portal of tunnel, 96 ft. to turn in tunnel, 170 ft. to uprise; size of tunnel 7 x 4 1/2 ft.

course to turn N. $61^{\circ} 00'$ E., value \$1000.

8. A shaft or winze in above mentioned cut which brs.

from *Cor. No.1.* N. $83^{\circ} 12'$ W. 241 ft. shaft 6 x 4 ft.

25 ft. deep, value \$ 200.

9. A cut the mouth of which brs. from Cor. No.1 N. 69° W.

65 ft. cut 15 x 5 ft. 9 ft. face, course N. 30° W., value \$ 100.

On the Copper Hill:

1. Discovery *Cut* which brs. from S. center end M'n't.

N. $37^{\circ} 15'$ W. 770 ft.: Cut 12 x 6 ft, 2 1/2 ft. face, course N. 25° W. value nominal.

2. A Cut the mouth of which brs. from S. center end M'n't.

N. $30^{\circ} 15'$ W. 664 ft. Cut 21 x 5 ft. 9 ft. face, course

N. Value \$ 100.

3. A Cut the mouth of which brs. from S. center end M'n't.

N. $70^{\circ} 30'$ W. 540 ft. cut 20 x 5 ft. 9 ft. face, course

N. 40° W. value \$ 100.

4. A Cut the mouth of which brs. from S. center end M'n't.

N. $75^{\circ} 15'$ W. 412 ft. cut 21 x 4 1/2 ft. 9 ft. face,

course N. 45° W. Value \$100.

Fraction.

1. Discovery cut the mouth of which brs. from W. center

end M'n't. S. 74° E. 70 ft.; cut 20 x 4 1/2 ft. 9 ft. face

page 9.

face; course N. 65° W. value

\$ 100.

The three locations being contiguous, and lodes on the Emersley and Fraction being evidently the same. The work on the Emersley tends to develop the whole group; hence I assign fifty (50) feet of work (value \$400.) of "Tower Tunnel" to the Copper Hill; also 50 feet of work "Roberts Tunnel" (value \$500.) to the Fraction.

INSTRUMENT.

This survey was made with a Young & Sons Mountain Transit (No. 6855). The courses were deflected from the true meridian as determined by direct solar observations. The distances were measured with a 300 ft. steel tape.

Tombstone, Ariz.

March 16, 1901.

John A. Rockfellow
U.S. Dep. Min. Surveyor

Notes of
U. S. Location Monument ¹²
No 1542

Feb. 27 1901

There being no U. S. Location Monument or public survey corner within the proscribed limits of two miles, I select a natural monument known as the "Iron Tower", an outcrop of magnetic iron ore of about 12 feet base and ten to 15 feet high, cylindrical in shape: situated on Tower Ridge which extends south-ely from the main divide of the Dos Cabezas Mountains to Frankoe Springs Canyon.

I determine latitude by noon observation to be $32^{\circ}12' N.$

Elevation by aneroid barometer
7300 feet.

I drill a one inch hole in summit of Tower to a depth of fourteen inches and insert an iron rod which is wedged tightly in place.

On the rod I slip a

piece of $\frac{1}{4}$ inch iron
pipe eight (8) ft. in length
and surrounded ~~round~~
with a conical mound
of stone six ft. base four
ft. high.

Whunse

A stone monument on east
peak of Dos Cabezas
brs. N. $46^{\circ}33'$ W. about
three fourths of a mile.

The highest point of west
peak of Dos Cabezas
brs. N. $50^{\circ}47'$ W.

The highest point of Huachuca
Mts. brs. S. $36^{\circ}00'$ W.

A sharp butte at Cochise
Stronghold in Dragoon
Mts. brs. S. $49^{\circ}24'$ W.

San Jose Peak (Mexico)
brs. S. $19^{\circ}20'$ W.

Magellanos Peak (Mexico)
brs. S. $9^{\circ}50'$ W.

Double Peak Chiricahua Mts.
brs. S. $58^{\circ}45'$ E.

Commonwealth quartz mill
at Pearce br. S. $30^{\circ}45'$ W.

Town of Dos Cabezas.

Notes of
U. S. Location Monument 12
No 1542

Feb. 27 1901

There being no U. S. Location Monument or public survey corner within the proscribed limits of two miles, I select a natural monument known as the "Iron Tower", an outcrop of magnetic iron ore of about 12 feet base and ten (10) feet high, cylindrical in shape: situated on Tower Ridge which extends south-ely from the main divide of the Dos Cabezas Mountains to Frankoe Springs Canyon.

I determine latitude by noon observation to be $32^{\circ}12' N.$

Elevation by aneroid barometer
7300 feet.

I drill a one inch hole in summit of Tower to a depth of fourteen inches and insert an iron rod which is wedged tightly in place.

On the rod I slip a

piece of $\frac{1}{4}$ inch iron
pipe eight (8) ft. in length
and surrounded ~~round~~
with a conical mound
of stone six ft. base four
ft. high.

Whence

A stone monument on east
peak of Dos Cabezas
brz. N. $46^{\circ}33'W$. about
three fourths of a mile.

The highest point of west
peak of Dos Cabezas
brz. N. $50^{\circ}47'W$

The highest point of Huachuca
Mts. brz. S. $36^{\circ}00'W$.

A sharp butte at Cochise
stronghold in Dragoon
Mts. brz. S. $49^{\circ}24'W$.

San Jose Peak (Mexico)
brz. S. $19^{\circ}20'W$.

Magellanes Peak (Mexico)
brz. S. $9^{\circ}50'W$.

Double Peak Chiricahua Mts.
brz. S. $58^{\circ}45'E$.

Commonwealth quartz mill
at Pearce brz. S. $30^{\circ}45'W$.

Town of Dos Cabezas

brs. S. 20° W. about three
and one half miles

I chiseled on south base
of monument
" U.S. L.M. No. 1542 "

Variation of needle uncertain
owing to great body of mag-
netic iron.

Tombstone Ariz.
Mar. 16 1901

John A. Rockwell
U.S. Dep. Min. Surveyor

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by John A. Rockfellow
 United States Deputy Mineral Surveyor, to assist in running, measuring, and marking the lines
 corners and boundaries described in the foregoing field notes of the survey of the mining claim
 of Charles M. Roberts
 known as the Emersley, Copper Hill & Fraction
 and showing the respective capacities in which they acted.

John T. Proffitt, Chairman.
C. A. Black, Chairman.

H. J. Cowley, Flagman.

FINAL OATHS OF ASSISTANTS.

We John T. Proffitt, C. A. Black
 and H. J. Cowley do solemnly swear that we assisted John A. Rockfellow
Rockfellow, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of Charles M. Roberts
Roberts, known as the Emersley
Copper Hill & Fraction, represented
 in the foregoing field notes as having been surveyed by said deputy mineral surveyor and under
 his direction; and that said survey has been in all respects, to the best of our knowledge and
 belief, faithfully and correctly executed, and the corner and boundary monuments established
 according to law and the instructions furnished by the United States Surveyor-General for
Arizona.

John T. Proffitt, Chairman.
C. A. Black, Chairman.
H. J. Cowley, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 1st day of March, 1901

John A. Rockfellow
 Notary Public

My commission expires Apr 10 1903

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, John A. Rockefeller, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Feb 23^d / 1901, 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 Charles M. Roberts, known as the Emmsley Copper Hill & Fraction, situate in Dave Cabezas Mining District, Cochise County, Arizona in Section —, Township No. 14S, Range No. 27E Unsurveyed and designated as Survey No. 1542, 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 his grantors are as therein fully stated, and that the character, extent, location and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

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

Subscribed and sworn to by the said John A. Rockefeller
U. S. Deputy Mineral Surveyor, before me William C. Staehle
a Notary Public this 18th
day of March A. D. 1901,

William C. Staehle,
Notary Public
Commission expires Nov. 13th 1901.

Affidavit of Five Hundred Dollars Improvements.

we, Emit C Cochrane, and Victor Artl

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Emersley, Copper Hill and ^{Fraction} mining claim, situate in Dos Cabezas Mining District, Cochise County, Arizona Territory, for which Charles M Roberts

has made application for survey prior to application for patent under the provisions of the Act of Congress, approved May 10, 1872; and that the labor done and improvements made thereon by the applicant and his grantor exceed Fifteen ~~Five~~ Hundred Dollars in value, and further, that we are not personally interested in said mine.

Emit C. Cochrane
Victor Artl

TERRITORY OF ARIZONA,
County of Cochise } ss:

Sworn to and subscribed before me, this 27th

day of February, 1901

John A. Rockefeller
Notary Public

My commission expires Apr 10 1903

To all whom it may Concern: This mining claim, the name of which is the Amersley Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits was entered upon and located for the purpose of exploration and purchase by Joe H. Billings & F. P. White the undersigned, on that 1st day of January 1896. The length of the claim is 1500 feet, and we claim 300 feet on each side of the discovery shaft (at which this notice is posted), lengthwise of the claim. The general course of the lode deposit and premises is from the Northwesterly to the South-Easterly. The claim is situated and located in Dos Cabezas Mining District, in Cochise County, in the Territory of Arizona, about four miles in a Northerly direction from the Town of Dos Cabezas. The surface boundaries of the claim are marked upon the ground as follows: beginning at a point in a Southeasterly direction, fifty feet from the discovery shaft, at which this notice is posted, being in the center of the South easterly end line of said claim; thence 300 feet to a monument, being the South Westerly corner of said claim; thence 750 feet to a monument at the center of the westerly side line of said claim; thence 750 feet to a monument being at the North Westerly corner of said claim; thence 300 feet to a monument at the center of the N. Westerly end of said claim; thence 300 feet to a monument, being at the N.E. corner of said claim; thence 750 feet to a monument being at the center of the Easterly side line of said claim, thence 750 feet to a monument at the South Easterly corner of said claim; thence 300 feet South Westerly to the place of beginning. All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the general Assembly of Arizona, entitled "An Act Concerning Mines," approved March 20, 1895.

Dated and posted on the ground Jan'y 1st. 1896.

Joe H. Billings

Frank P. White

Filed and Recorded at request of F. P. White, Mar 31st, A. D. 1896 at 1 P. M.
Recorded Book 9, Records of Mines, Page 616.

Territory of Arizona,)
 :SS
County of Cochise.)

I, Frank Hare County Recorder in and for
said County, do hereby certify that the foregoing, location
notice of the "Emersley" mining Claim, recorded March 31st 1896,
Book 2 page 616, Records of Mines, situated in the Dos Cabezas
Mining District, Cochise County, Arizona Territory; is a true
and correct copy as the same appears of record in my said
office,

Witness my hand and official seal, this 7th day of February
A.D. 1901.



Frank Hare
County Recorder.

Notice of Mining Location.

^{Quartz}
LODE CLAIM.

To All Whom It May Concern:

This mining claim, the name of which is the Copper 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 purpose of exploration and purchase by Joe Billings & F.P.White

(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 20th day of December 1898 1900-

The length of this claim is fifteen hundred feet, and we claim seven hundred and fifty feet in a south easterly direction, and seven hundred and fifty 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 three hundred feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the North to the South east

The claim is situated and located in the Dos Cabezas Mining District, in Cochise County, in the Territory of Arizona, about four miles in a north erly direction from the town of Dos Cabezas and about two miles south east of the Dos Cabezas Peaks

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

at a point in a south easterly direction 750 feet from the discovery shaft (at which this notice is posted), being in the center of the South Easterly end line of said claim; thence 300 feet to a monument of 750 feet to a monument at the center of the south west side line of said claim; thence 750 feet to a monument, being at the north westerly corner of said claim; thence 300 feet to a monument at the center of the north westerly end of said claim; thence 300 feet to a monument, being at the north easterly corner of said claim; thence 750 feet to a monument being at the center of the north east side line of said claim; thence 750 feet to a monument at the south easterly corner of said claim; thence 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII., of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act Concerning Mines," approved March 20th, 1895, and amended March 2d, 1899:-

Dated and posted on the ground this 20th day of December 1898 1900-

Witness W.C.Bain, Julia Teklinburg

Filed and recorded at request of F.P.White

March 16th A.D. 1899, at 12 M.

Joe Billings
F.P.White

Book 16 page 15 Records of Mines.

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.

Notice of Location.

LODE CLAIM.

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

Filed and recorded at request of.....

..... A. D. 190.....

at..... M.

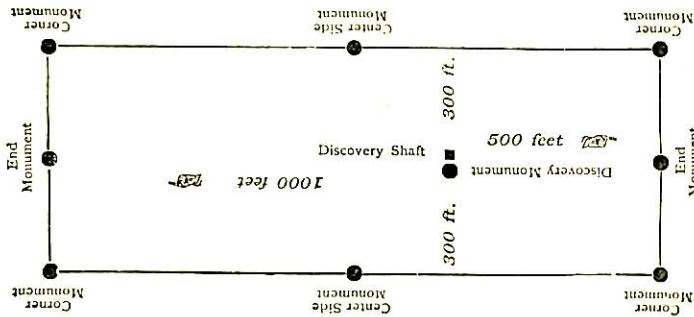
Book.....

Pages.....

..... County Recorder.

By..... Deputy Recorder.

THE H. H. MCNEIL CO., PRINTERS, PHOENIX, ARIZONA.



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.

Territory of Arizona,)
) :SS.
County of Cochise.)

I, Frank Hare County Recorder in and for
said County, do hereby certify that the foregoing, location
notice of the "Copper Hill" mining claim, recorded march 10th,
A.D.1899, in Book 18 page 15 Records of Mines, situated in the
Dos Cabezas Mining District, Cochise County, Arizona Territory;
is a true and correct copy as the same appears of record in
my said office.

Witness my hand and official seal, this 7th day of February
A.D.1901.



Frank Hare
County Recorder.

Notice of Mining Location.

LODE CLAIM.

To All Whom It May Concern:

This mining claim, the name of which is the Fracture Mine Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by F.P. White & Joe Billings

(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 Aug 1899 ~~1900~~

The length of this claim is 1500 feet, and we claim 150 feet in a north westerly direction, and 1350 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 N. westerly to the south easterly

The claim is situated and located in the Dos Cabezas Mining District, in Cochise County, in the Territory of Arizona, about 4 miles in a northerly direction from Des Cabezas Mining Camp

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

at a point in a N. westerly direction 150 feet from the discovery shaft (at which this notice is posted), being in the center of the north end line of said claim; thence 300 feet to a monument, being the N. W. corner of said claim; thence 750 feet to a monument at the center of the west side line of said claim; thence 750 feet to a monument, being at the S. west corner of said claim; thence 300 feet to a monument at the center of the south end of said claim; thence 300 feet to a monument, being at the S. E. corner of said claim; thence 750 feet to a monument being at the center of the East side line of said claim; thence 750 feet to a monument at the N. E. corner of said claim; thence 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII., of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act Concerning Mines," approved March 20th, 1895, and amended March 2d, 1899.

Dated and posted on the ground this _____ day of _____ 1900.

Witness, C.M. Roberts)
Filed and recorded at request of F.P. White)
Oct. 30th, at 9 A.M. 1899.)
Book 17 page 198, Records of Mines)

F.P. White
Joe Billings

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.

Notice of Location.

LODE CLAIM.

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

Filed and recorded at request of.....

..... A. D. 190.....

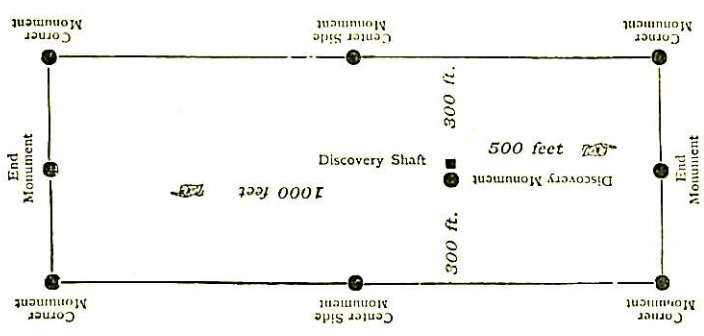
at..... M.

Book.....

Pages.....

.....
 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.

Territory of Arizona,)
 County of Cochise,) :SS.

I. Frank Hare County Recorder in and for said County, do hereby Certify that the foregoing, location notice of the "Fraction Mine" mining claim, recorded October 30th 1899, in Book 17 page 198, Records of Mines, situated in the Dos Cabezas Mining District, Cochise County, Arizona Territory; is a true and Correct copy as the same appears of record in my said office.

Witness my hand and official seal, this 7th day of February
 A D. 1901.



Frank Hare

County Recorder.

(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,

Tucson, Arizona

Sept. 27th, 1901.

I, U. S. Surveyor General for *Dist. of Arizona*,

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

Charles M. Roberts

, known as the

Emersley, Copper Hill and Fraction,

situate in *Los Cabezas* mining district,

Cochise

County,

Arizona,

in Section *approx.*, Township No. *14 S.*, Range No. *27 E. (unsurveyed)*

, designated as Survey No. *1542*

executed by *John A. Rockefeller*, U. S. Deputy Mineral

Surveyor, *Feb. 27th to March 1st, 1901*, under my instructions dated

Feb. 23rd 1901. ~~#8~~, have been critically examined and the

necessary corrections 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.

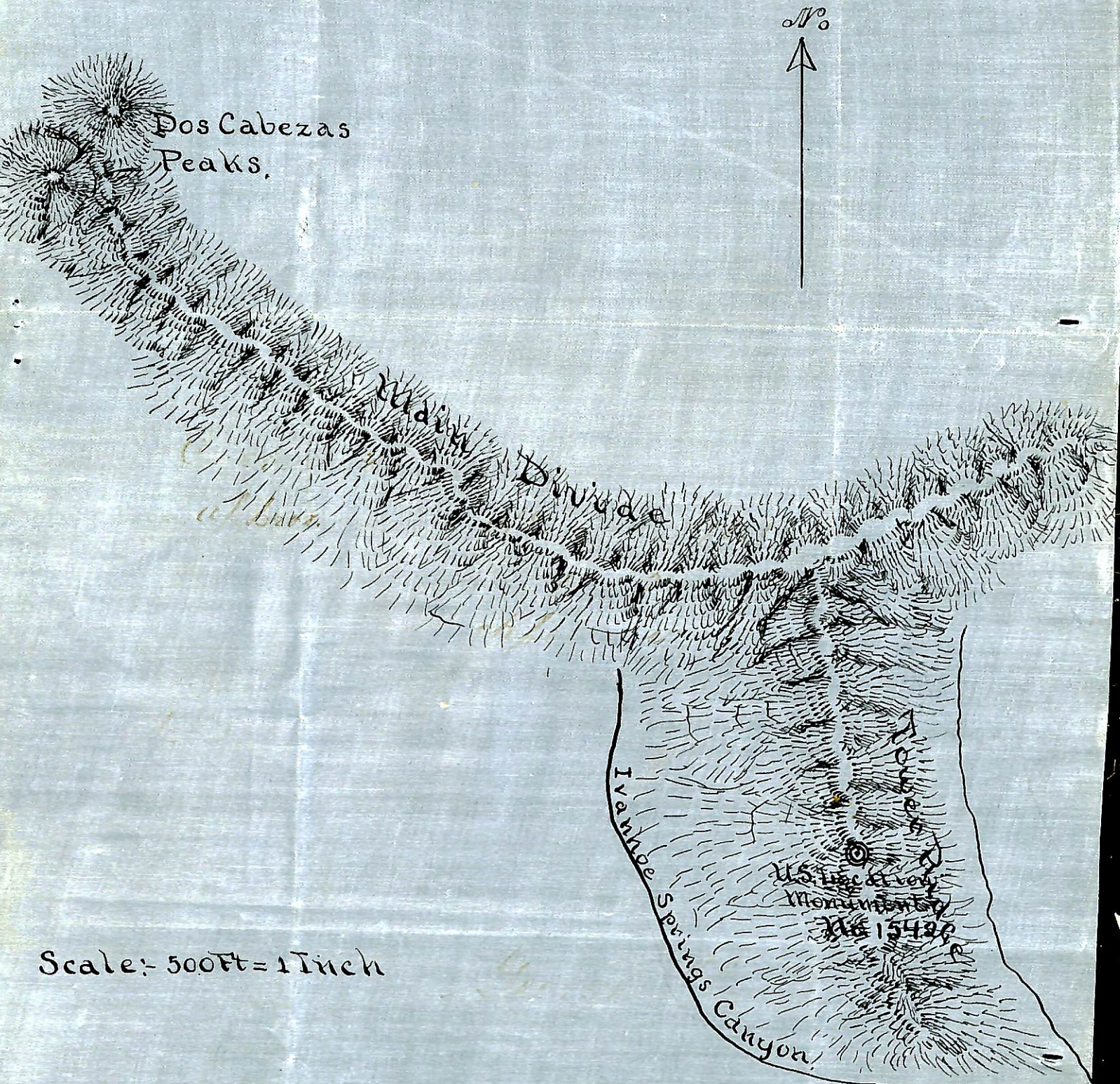
George Christ

U. S. Surveyor General for

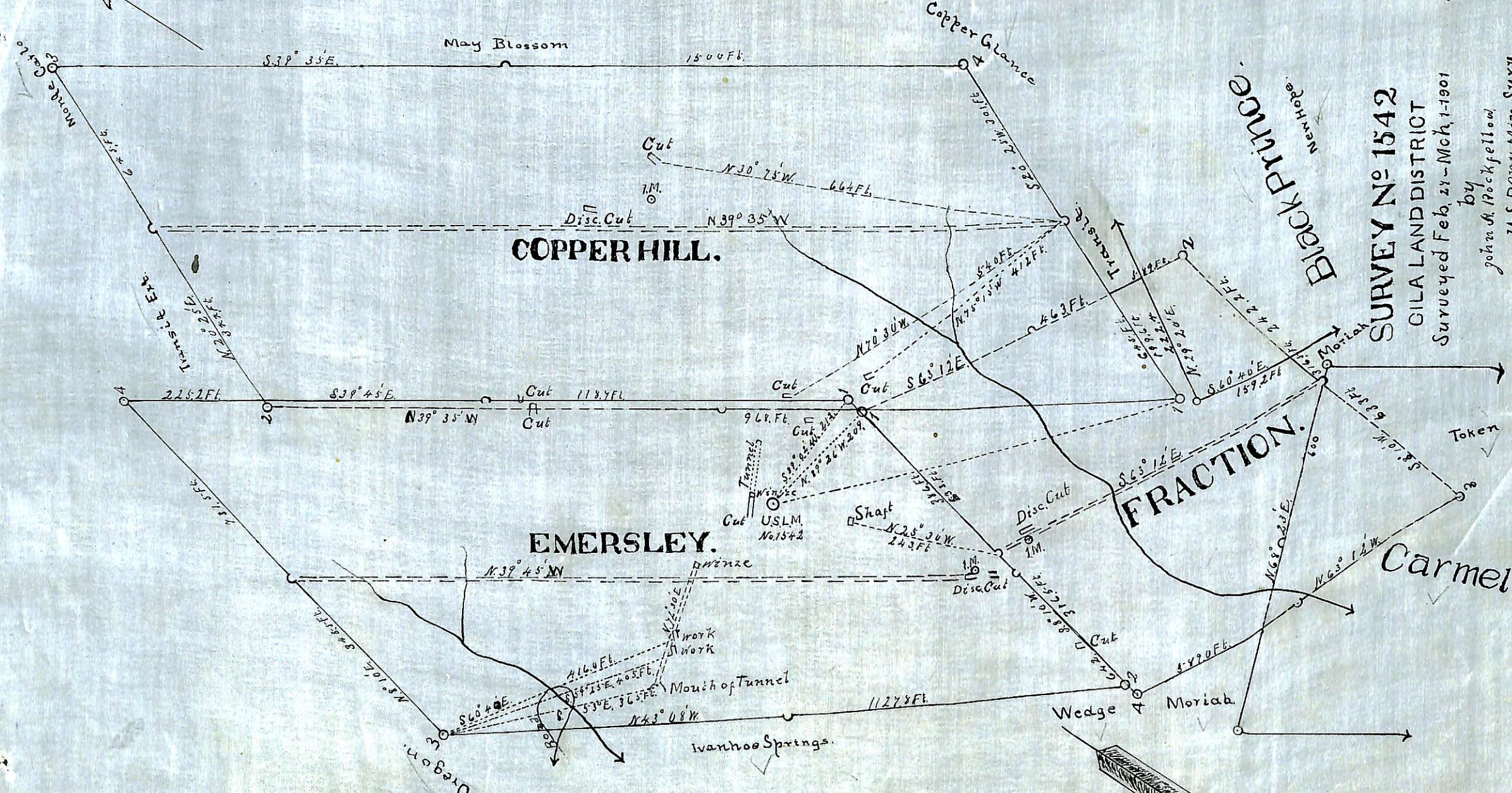
Arizona

POOR QUALITY

The following pages are scanned at the best possible quality setting. The original pages are of poor quality and this is the best possible reproduction.



Scale:- 500Ft = 1 Inch



SURVEY N^o 1542
 GILA LAND DISTRICT
 Surveyed Feb. 21 - Mch. 1-1901
 by
 John D. Rockefeller
 U.S. Depy Min. Surv.

