

APR 27 1911

4-683.

MINERAL SURVEY No. 2909.

LOT No. ....

.Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Santa Ana Mining Company,

KNOWN AS THE

Luty, Commercial No. 1, Commercial No. 2, Green Hill No. 1, Green Hill No. 2, Green Hill No. 3 and Bolsa Moors Mining District,

Maricopa County, Arizona.

Section, Township 8 N., Range 3 E. unsurveyed

Surveyed under instructions dated April 17, 1911.

by Earl H. Parker U. S. Mineral Surveyor.

Claim located in Section 19

Survey commenced April 19, 1911.

Survey completed April 24, 1911

6-822

Address of Claimant, Santa Ana Mining Co., Santa Ana, California.

Address of Attorney, Lysander Cassidy, Phoenix, Arizona.

Feet.

## MINERAL SURVEY NO. 2909.

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 Bolsa Lode.

Beginning at corner No. 1, identical with location, a quartzite rock 6"X 10"X 26" set 18" in ground chiseled B 1 2909, with mound of stone alongside, whence U. S. L. M. No. 1446 bears N. 71° 57' E. 1620 ft. dist. No bearings available.

Thence S. 8° 38' E.

Va. 14° 10' E.

1500

Cor. No. 2, identical with location, a porphyry rock 6"X 12"X 24" set 14" in ground chiseled B 2 2909 with mound of stone alongside. No bearings available.

Thence N. 69° 20' W.

Va. 14° 10' E.

300

S. End center, a mound of stone, identical with location.

515

Line crosses N. end of 4 X 6 X 10 ft. shaft.

600

Cor. No. 3, identical with location, <sup>and with S.E. Cor. Green Hill No. 4 lode, unsurveyed,</sup> a porphyry rock 6"X 10"X 18" set 12" in ground chiseled B 3 2909, with mound of stone alongside. No bearings available.

Thence N. 8° 38' W.

Va. 14° 10' E.

1500

Cor. No. 4, identical with location, <sup>and with N.E. Cor. Green Hill No. 4 lode, unsurveyed,</sup> a quartzite rock 8"X 8"X 22" set 14" in ground chiseled B 4 2909 with mound of stone alongside. No bearings available.

Thence S. 69° 20' E.

Va. 14° 15' E.

300

N. end center, a mound of stone, identical with location.

600

Cor. No. 1, the place of beginning.

The presumed course of the ledge is from the N. end center S. 8° 38' E. 1500 ft. to the S. end center.

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## Green Hill No. 1

Beginning at cor. No. 1, identical with location, a porphyry rock 8"X 10"X 26" set 12" in ground chiseled G. H. No. 1 1 2909, with mound of stone alongside, whence U. S. L. M. No. 1446 bears S. 48° 15' E. 1355.22 ft. distant. No other bearings available.

Thence S. 20° 40' W.

Va. 14° 15' E.

1500 Cor. No. 2, identical with location and with cor. No. 1 of Bolsa Lode of this survey previously described, chiseled G. H. No. 1 2 2909.

Thence N. 69° 20' W.

Va. 14° 15' E.

300 S. end center, identical with location and with the N. end center of Bolsa Lode of this survey previously described.

600 Cor. No. 3, identical with location and with cor. No. 4 of Bolsa Lode of this survey previously described, chiseled G. H. No. 1 3 2909.

Thence N. 20° 40' E.

Va. 14° 10' E.

1500 Cor. No. 4, identical with location, a granite rock 8"X 10"X 22" set 12" in ground chiseled G. H. No. 1 4 2909, with mound of stone alongside.

No bearings available.

Thence S. 69° 20' E.

Va. 14° 10' E.

300 N. end center, identical with location, a mound of stone.

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

The presumed course of the ledge is from the N. end center S. 20° 40' W. 1500 ft. to the S. end center.

Green Hill No. 2

Beginning at cor. No. 1, identical with the location and with cor. No. 4 of Green Hill No. 1 Lode of this survey previously described, chiseled G. H. No. 2-1., whence U. S. L. M. No. 1446 bears S. 54° 42' E. 1925.76 ft. distant.

1500 No bearings available. Thence S. 20° 40' W. Va. 14° 10' E. Cor. No. 2, identical with location and with cor. No. 3 of Green Hill No. 1 and cor. No. 4 of Bolsa lodes of this survey previously described, chiseled G. H. No. 2-2.

Thence N. 69° 20' W. Va. 14° 10' E.

300 S. end center, identical with location, a mound of stone.

600 Cor. No. 3, identical with location, and with N.W. Cor. Green Hill No. 4 lode, unsurveyed, and N.E. Cor. Green Hill No. 5 lode, unsurveyed, a porphyry rock 6"X 10"X 22" set 12" in ground chiseled G. H. No. 2 3 2909, mound of stone alongside.

No bearings available.

Thence N. 20° 40' E. Va. 14° 10' E.

1500 Cor. No. 4, identical with location, a porphyry rock 6"X 10"X 22" set 12" in ground chiseled G. H. No. 2 4 2909, mound of stone alongside.

No bearings available.

Thence S. 69° 20' E. Va. 14° 10' E.

300 N. end center, identical with location, a mound of stone. No bearings available.

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

The presumed course of the ledge is from the N. end center S. 20° 40' W. 1500 ft. to the S. end center.



Green Hill No. 3

Beginning at cor. No. 1, identical with the location and with cor. No. 4 of Green Hill No. 2 Lode of this survey previously described, chiseled G. H. No. 3 1, whence U. S. L. M. No. 1446 bears S. 58° 10' E. 2512.07 ft. distant.

Thence S. 20° 40' W.

Va. 14° 10' E.

1500 Cor. No. 2, identical with location and with cor. No. 3 of Green Hill No. 2 lode of this survey previously described, chiseled G. H. No. 3 2.

Thence N. 69° 20' W.

Va. 14° 10' E.

300 S. end center, identical with location, a mound of stone. No bearings available.

600 Cor. No. 3, identical with location, <sup>with N.W. Cor. Green Hill No. 5 lode and N.E. Cor. Commercial No. 3 lode, both unsurveyed.</sup> a quartzite rock 10"X 12"X 20" set 12" in ground, chiseled G. H. No. 3 3 2909, with mound of stone alongside.

No bearings available.

Thence N. 20° 40' E.

Va. 14° 10' E.

1500 Cor. No. 4, identical with location, a quartzite rock 8"X 12"X 18" set 12" in ground chiseled G. H. No. 3 4 2909, mound of stone alongside.

No bearings available.

Thence S. 69° 20' E.

Va. 14° 10' E.

300 N. end center, identical with location, a mound of stone. No bearings available.

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

The presumed course of the ledge is from the N. end center S. 20° 40' W. 1500 ft. to the S. end center.



## Luty

Beginning at cor. No. 1, identical with location and with cor. No. 1 of Green Hill No. 1 lode of this survey previously described, chiseled L 1, whence U. S. L. M. No. 1446 bears S.  $48^{\circ} 15'$  E. 1355.22 ft. distant.

Thence N.  $20^{\circ} 40'$  E.

Va.  $14^{\circ} 10'$  E.

1500 Cor. No. 2, identical with location and with cor. No. 3 of Koons No. 2 and cor. No. 4 of Norman lodes of survey No. 2358, a porphyry rock 7" X 10" set 12" above ground marked K 2-3 and N. 4-2358 A with mound of stone alongside, chiseled L 2-2909 for cor. No. 2 of Luty lode of this survey.

No bearings available.

Thence N.  $69^{\circ} 20'$  W.

Va.  $14^{\circ} 40'$  E.

300 N. end center, identical with location, a mound of stone.

No bearings available.

600 Cor. No. 3, identical with location, a porphyry rock 6" X 8" X 20" set 12" in ground chiseled L 3 2909, with mound of stone alongside.

No bearings available.

Thence S.  $20^{\circ} 40'$  W.

Va.  $14^{\circ} 10'$  E.

1500 Cor. No. 4, identical with location and with cor. No. 4 of Green Hill No. 1 and cor. No. 1 of Green Hill No. 2 lodes of this survey previously described, chiseled L 4.

Thence S.  $69^{\circ} 20'$  E.

Va.  $14^{\circ} 10'$  E.

300 S. end center, identical with location and with N. end center of Green Hill No. 1 lode of this survey,

previously described.

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

The presumed course of the ledge is from the N. end center, S. 20° 40' W. 1500 ft. to the S. end center.

Commercial No. 2

Beginning at cor. No. 1, identical with location and with cor. No. 4 of Green Hill No. 1 and cor. No. 4 of Luty and cor. No. 1 of Green Hill No. 2 lodes all of this survey previously described, chiseled C No. 2-1, whence U. S. L. M. No. 1446 bears S. 54° 42' E. 1925.76 ft. distant.

Thence N. 20° 40' E.

Va. 14° 10' E.

1500 Cor. No. 2, identical with location and with cor. No. 3 of the Luty lode of this survey previously described, chiseled C No. 2-2.

Thence N. 69° 20' W.

Va. 14° 10' E.

300 The N. end center, identical with location, a mound of stone, no bearings available.

600 Cor. No. 3, identical with location, a porphyry rock 6"X 8"X22" set 12" in ground chiseled C No. 2-3-2909. Mound of stone alongside.

No bearings available.

Thence S. 20° 40' W.

Va. 14° 10' E.

1500 Cor. No. 4, identical with location and with cor. No. 4 of Green Hill No. 2 and cor. No. 1 of Green Hill No. 3 lodes of this survey previously described, chiseled C No. 2-4.

Thence S. 69° 20' E.

Va. 14° 10' E.

300 S. end center, identical with location and with N. end center of Green Hill No. 2 lode of this survey previously described.

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

The presumed course of the ledge is from the N. end center S. 20° 40' W. 1500 ft. to the S. end center.

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Commercial No. 1

Beginning at cor. No. 1, identical with location and with cor. No. 4 of Green Hill No. 2 and corner No. 1 of Green Hill No. 3 and cor. No. 4 of Commercial No. 2 lodes of this survey previously described, chiseled C No. 1-1, whence U. S. L. M. No. 1446 bears S. 58° 10' E. 2512.07 ft. distant.

No bearings available.

Thence N. 20° 40' E.

Va. 14° 10' E.

1500 Cor. No. 2, identical with location and with cor. No. 3 of Commercial No. 2 lode of this survey previously described, chiseled C No. 1-2.

Thence N. 69° 20' W.

Va. 14° 10' E.

300 N. end center, identical with location, a mound of stone.  
No bearings available.

600 Cor. No. 3, identical with location, a porphyry rock 8"X 10"X 20" set 12" in ground, chiseled C No. 1 3-2909, mound of stone alongside.

No bearings available.

Thence S. 20° 40' W.

Va. 14° 10' E.

1500 Cor. No. 4, identical with location and with cor. No. 4 of Green Hill No. 3 Lode of this survey, **previously** described, chiseled C No. 1-4.



Thence S. 69° 20' E.

Va. 14° 10' E.

300 S. end center, identical with location and with N. end center of Green Hill No. 3 <sup>lode</sup> of this survey, previously described.

600 Cor. No. 1, place of beginning.

The presumed course of the ledge is from the N. end center S. 20° 40' W. 1500 ft. to the S. end center.

IMPROVEMENTS.

I hereby certify that the value of labor performed and improvements made upon or for the benefit of the claims embraced in this survey by the claimant or its grantors is more than \$500.00 for each claim and that said improvements consist of:-

Commercial No. 2 Lode.

No. 1, the discovery, a mound of stone on mineral in place, on presumed course of ledge 370 ft. from S.E.C.

No. 2, a shaft 5 X 6 X 10 feet which bears from corner No. 3 S. 10° 12' W. 380 feet.

Value, \$50.00

No. 3, an incline shaft S. E. <sup>4 x 6 ft.</sup> 128 ft. deep, timbered with Oregon pine, with track for skip. At 120 ft. level a crosscut S. E. 66 ft. long and at 116 ft. level crosscut N. W. 20 ft. long. This shaft is equipped with head frame, 25 h. p. Witzes gasoline friction clutch hoist equipped with cable, tracks, etc. Total value of labor and improvements \$8,000.00. This is a *common* improvement and 1/7 of it is credited to each claim.

Value <sup>1</sup>/<sub>7</sub> \$1143.00

Note, an undivided 1/7 interest in workings No. 2 of Commercial No. 1 lode hereafter described.

Value, \$118.00

Note., an undivided  $\frac{1}{7}$  interest in workings No. 1 of Green Hill No.1 lode hereafter described.

Value, \$230.00

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Commercial No. 1

No. 1, discovery, a shaft 5 X 6 X 10 feet which bears S. 20° 40' W. 325 feet from the N. end center.

Value, \$50.00

No. 2, a shaft 4 X 6 X 55 feet which bears N. 6° 30' E. 510 feet from corner No. 1, timbered.

Total value \$826.00, a general improvement, 1/7 being credited to each claim.

Value  $\frac{1}{7}$ , \$118.00

Note, an undivided 1/7 interest in workings No. 3 of Commercial No. 2 lode,

Value, \$1143.00

No. 3, a shaft 4 X 6 X 20 feet which bears N. 5° 00' W. 230 feet from corner No. 1,

Value, \$240.00

Note, an undivided 1/7 interest in workings No. 1 of Green Hill No. 1 lode hereafter described.

Value, \$230.00

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Luty Lode.

No. 1, Discovery, a shaft 4 X 6 X 10 feet, which bears N. 20° 40' E. 690 feet from the S. end center.

Value, \$50.00

Note, an undivided  $\frac{1}{7}$  interest in shaft No. 2 of Commercial No. 1 lode previously described.

Value, \$118.00

Note, an undivided 1/7 interest in workings No. 3 of Commercial No. 2 lode,

Value, \$1143.00

Note, an undivided 1/7 interest in workings No. 1 of Green Hill No. 1 lode hereafter described.

Value, \$230.00

No. 2, a shaft 4 X 6 X 12 feet which bears S. 37° 05' W 785 feet from corner No. 2.

Value, \$50.00

No. 3, a shaft 4 X 5 X 8 which bears N. 14° 10' E. 580 feet from corner No. 1.

Value, \$40.00

No. 4, a shaft 5 X 6 X 10 feet which bears S. 52° 30' W. 111 feet from the N. end center.

Value, \$50.00

No. 5, a shaft 6 X 8 X 10 ft. which bears S. 52° 00' W. 54 feet from the N. end center,

Value, \$50.00

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Green Hill No. 1

No. 1, the discovery which bears S. 20° 40' W. 440 feet from the N. end center, a shaft 4 X 5 X 60 feet with crosscut at bottom 20 feet N. W. timbered, a common improvement, total value \$1610.00, an undivided 1/7 interest credited to this claim,

Value, \$230.00

Note, an undivided 1/7 interest in workings No. 2 of Commercial No. 1 lode,

Value, \$118.00

Note, an undivided 1/7 interest in workings No. 3 of Commercial No. 2 lode.

Value, \$1143.00

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Green Hill No. 2

No. 1, the discovery, a shaft 4 X 6 X 10 feet which bears N. 20° 40' E. 385 feet from the S. end center,

Value, \$50.00

Note, an undivided  $\frac{1}{7}$  interest in workings No. 1 of Green Hill No. 1 lode.

Value, \$230.00

Note, an undivided  $\frac{1}{7}$  interest in workings No. 2 of Commercial No. 1 lode,

Value, \$110.00

Note, an undivided  $\frac{1}{7}$  interest in workings No. 3 of Commercial No. 2 lode,

Value, \$1143.00

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Green Hill No. 3

No. 1, the discovery, a shaft 4 X 6 X 10 feet which bears N.  $20^{\circ} 40'$  E. 790 feet from the S. end center.

Value, \$50.00

No. 2, a shaft 4 X 6 X 10 feet which bears N.  $22^{\circ} 45'$  E. 315 feet from corner No. 3.

Value, \$50.00

Note, an undivided  $\frac{1}{7}$  interest in workings No. 1 of Green Hill No. 1 lode,

Value, \$230.00

Note, an undivided  $\frac{1}{7}$  interest in workings No. 2 of Commercial No. 1 lode.

Value, \$110.00

Note, an undivided  $\frac{1}{7}$  interest in workings No. 3 of Commercial No. 2 lode.

Value, \$1143.00

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Bolsa

No. 1, The discovery an open cut 4 ft. wide, 10 ft. base, 20 ft. face which bears S.  $8^{\circ} 38'$  E. 368 feet from N. end center,

Value, \$100.00

Note, an undivided  $\frac{1}{7}$  interest in workings No. 1 of Green Hill No. 1 lode,

Value, \$230.00

Note<sup>1</sup>, an undivided 1/7 interest in workings No. 2 of Commercial No. 1 lode.

Value, \$118.00

Note<sup>2</sup>, an undivided 1/7 interest in workings No. 3 of Commercial No. 2 lode,

Value, \$1143.00

Total work and improvements on all claims,

Value, \$11266.00

**NOTE:**

Shaft No. 1 of Green Hill No. 1, and shaft No. 2 of Commercial No. 1, and shaft No. 3 of Commercial No. 2 lodes are general workings, done for the benefit of the entire group of claims.

Shaft No. 1 of Green Hill No. 1 lode is an incline to the west, following the ore.

Shaft No. 3 of Commercial No. 2 lode is an incline to the S. E. following the ore.

Shaft No. 2 of Commercial No. 1 is a perpendicular shaft and is designed as a working shaft.

The occurrence of ores at or near the surface in this district is chlorides or oxides of copper and of no commercial value. It is necessary to obtain a depth of in the neighborhood of 100 feet to determine if the ore is of a permanent character. Sulphide ore has been encountered in the bottom of the incline shafts; further, the topography of these claims is a steep slope down from the south east to the north west. The surface of the Green Hill No. 2 and Green Hill No. 3 lodes is about on a level with the bottom of shaft No. 1 on the Green Hill No. 1 lode, but above the bottom of shaft No. 3 on the Commercial No. 2 lode, the surface of the Bolsa lode being slightly below the surface of the Green Hill No. 1 lode. By sinking these three main shafts and drifting and crosscutting therefrom a system of development for the entire group may be formed, and I therefore consider that they are of value to the entire of group of claims and are a common improvement.

**OTHER IMPROVEMENTS.**

No. 1. A corrugated iron engine house 14 X 20 feet, the S. E. corner of which bears N. 20° 48' E. 645 feet from corner No. 4 of Commercial No. 2 claim. The long side bears N. 45' W.

A frame tent cook house 14 X 16 feet which bears N. 0° 50' W. 440 feet from corner No. 1 of Commercial No. 1 lode, the long side of which bears N. E.

A frame and tent bunk house 12 X 14 feet which bears N. 7° 50' W. 470 feet from corner No. 1 Commercial No. 1 lode. The long side bears N. E.

A frame and tent bunk house 12 X 14 feet which bears N. 14° 00' W. 530 feet from Cor. No. 1 of Commercial No. 1 lode. The long side of which bears E. and W.

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#### AREAS.

Total net area of Luty lode.....	20.661	acres.
Total net area of Commercial No. 1 lode.	20.661	"
Total net area of Commercial No. 2 lode	20.661	"
Total net area of Green Hill No. 1 lode	20.661	"
Total net area of Green Hill No. 2 lode	20.661	"
Total net area of Green Hill No. 3 lode	20.661	"
Total net area of Bolsa lode .....	18.018	"

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#### NOTE:

The discrepancies between this survey and the location notices are due to errors in the latter.

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#### LOCATION.

These claims are located in Township 8 N., Range 3 E., G. & S. R. B. & M. on unsurveyed land in <sup>Moors Mining District,</sup> Maricopa County, Arizona.

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#### ADJOINING CLAIMS.

These claims are adjoined by the public lands of the U. S., except that cor. No. 3 of Koons No. 2 and cor. No. 4 of Norman, survey No. 2358, Bret Harte Gold Mining Co. claimants, are common to cor. No. 2 of Luty lode of this survey. On the south Green Hill No. 2 is adjoined by Green Hill No. 4 lode, unsurveyed. On the west the Bolsa lode is adjoined by Green Hill No. 4 unsurveyed. Green Hill No. 3 is adjoined on the south by Green Hill No. 5 unsurveyed, Santa Ana Mining Company, claimants.

## INSTRUMENT.

This survey was made with a Gurley Bros. Complete Engineers Transit, with vernia reading to single minutes.

The distances were measured with a 100 ft. and a 300 ft. steel tape.

The courses are true courses as determined by a direct observation on Polaris.

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Respectfully,

*Carl H. Parker*

U. S. Mineral Surveyor.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Edw. A. Parker

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 Santa Ana Mining Company

known as the Lute, Commercial No. 1, Commercial No. 2, Green Hill No. 1, Green Hill No. 2, Green Hill No. 3, Bolsa, and showing the respective capacities in which they acted.

J. C. Dobbins, Chainman.  
Harry McMillin, Chainman.  
\_\_\_\_\_, Axman.  
\_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, J. C. Dobbins

and Harry McMillin, do solemnly swear that we assisted

Edw. A. Parker, United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of Santa Ana Mining Co.

known as the Lute, Commercial No. 1, Commercial No. 2, Green Hill No. 1, Green Hill No. 2, Green Hill No. 3, Bolsa, 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 Territory of Arizona

J. C. Webber, Chainman.  
Harry McMillin, Chainman.  
\_\_\_\_\_, Axman.  
\_\_\_\_\_, Flagman.

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

day of April, 1911.

J. H. Harris  
Nature Public

My Commission Expires  
Jan 24th 1914



FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Earl H. Parker, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Territory of Arizona, dated April 17<sup>th</sup> 1911, 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 Santa Ana Mining Company.

known as the Lutz, Commercial No. 1, Commercial No. 2, Green Hill No. 1, Green Hill No. 2, Green Hill No. 3, Polka, Moor Mining District, situate in Maricopa County, Arizona, in Section \_\_\_\_\_, Township No. 8 N., Range No. 3 E., 2nd, and designated as Survey No. 2909, 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.

Earl H. Parker  
U. S. Mineral Surveyor.

Subscribed and sworn to by the said \_\_\_\_\_  
U. S. Mineral Surveyor, before me \_\_\_\_\_  
Notary Public  
day of April, 1911

Earl H. Parker  
J. H. Kammer  
this 24<sup>th</sup>

J. H. Kammer  
Notary Public

My Commission Expires  
Jan 24<sup>th</sup> 1914

## Location Notice

## Quartz Claim,

Notice is hereby given, that the undersigned citizens of the United States over the age of twenty one years, in compliance with the requirements of Chapter VI, Title 32, of the Revised Statutes of the United States and local customs, laws and regulations have this day located and claim fifteen hundred linear feet along the course of seat lead lode or vein or mineral bearing quartz and three hundred feet in width on each side of the middle of said lead, lode or vein together with all mineral deposits contained therein, and all timber growing within the limits of said claim, and all water and water privileges thereon or appurtenant thereto, situate in the Moors Mining District, County of Maricopa, and more particularly described as follows, to wit:

Commencing at this Arizona notice and monument being at discovery shaft and runing 750 feet in a southwesterly driction to the south center and thence 300 feet in westerly driction to the S. W. corner thence 1500 feet in a northeasterly driction to the N. W. center thence 300 feet in a easterly driction to the N. E corner thence 1500 feet in a southwesterly driction to the S. E. corner thence 300 feet in a westerly driction to the southwest center end or place of begining

Located about 3/4 mile north of the J. M. Swetnm patnted claims.

The date of discovery of this lead, lode or vein is the 5 day of April 1906. It is named and shall be known as the Luty mine Located 5 April 1906.

Witness

James White

Locutors,

John R. Nicholson,

John Patrick,

Filed and recorded at request of J. R. Nicholson, Jun. 6, 1906, at 2.40 P. M.

C. F. Leonard

County Recorder,

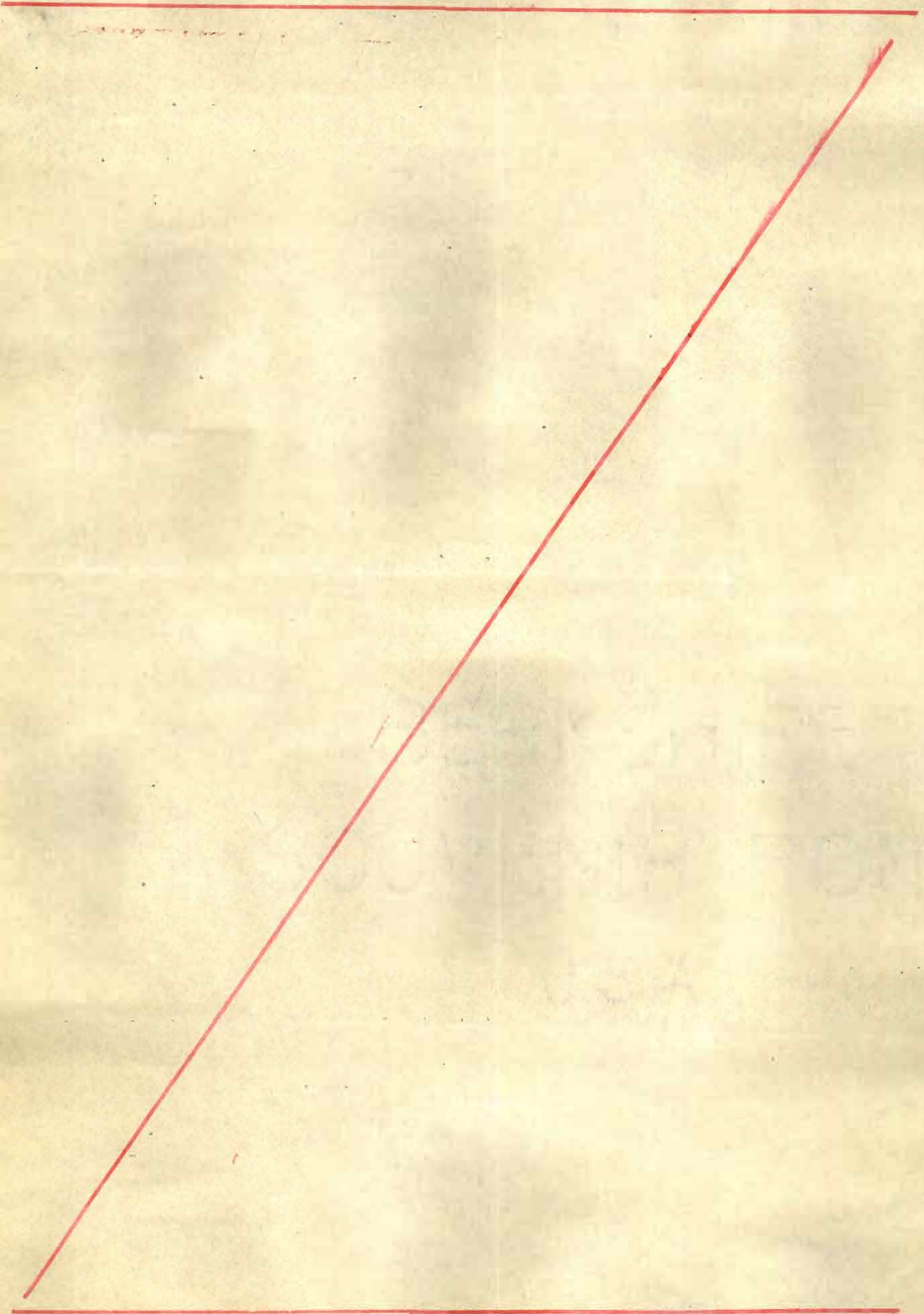
By

V. L. Vaughn,

Deputy Recorder.

9

of Mines  
Book 16, Page 444, 445, #3424,



Notice of Mining Location

Lode Claim.

To all whom it may concern : This mining claim the name of which is the Commercial No.1, Mining Claim, Situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by J. R. Nicholson and John Patrick citizens of the United States, the undersigned, on the 24 day of April 1906.

The length of this claim is 1500 feet and we claim 100 feet in a northerly direction and 1400 feet in a southerly direction from the center of the discovery shaft at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposite and premises <sup>is</sup> from the north to the south.

The claim is situated and located in the Moors Mining District, in Maricopa County, in the Territory of Arizona ~~and~~, about 2 miles in a westerly direction from the J. M. Swetmn Patented mines.

The surface boundaries of the claim are marked upon the ground as follows, Beginning at this notice and monument at a point in a southerly direction 100 feet from the discovery shaft (at which this notice is posted) being in the center of the South end line of said claim thence 300 feet to a monument being the N. E. corner of said claim: thence 1500 feet to a monument, being at the S. E. 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. W. corner of said claim: thence 1500 feet to a monument at the <sup>N.W.</sup> corner of said claim: thence 300 feet to the place of beginning:

All done under the provisions of Chapter Six, of Title XXXI: 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 day of April 1906.

Witness,  
G. M. Clement,

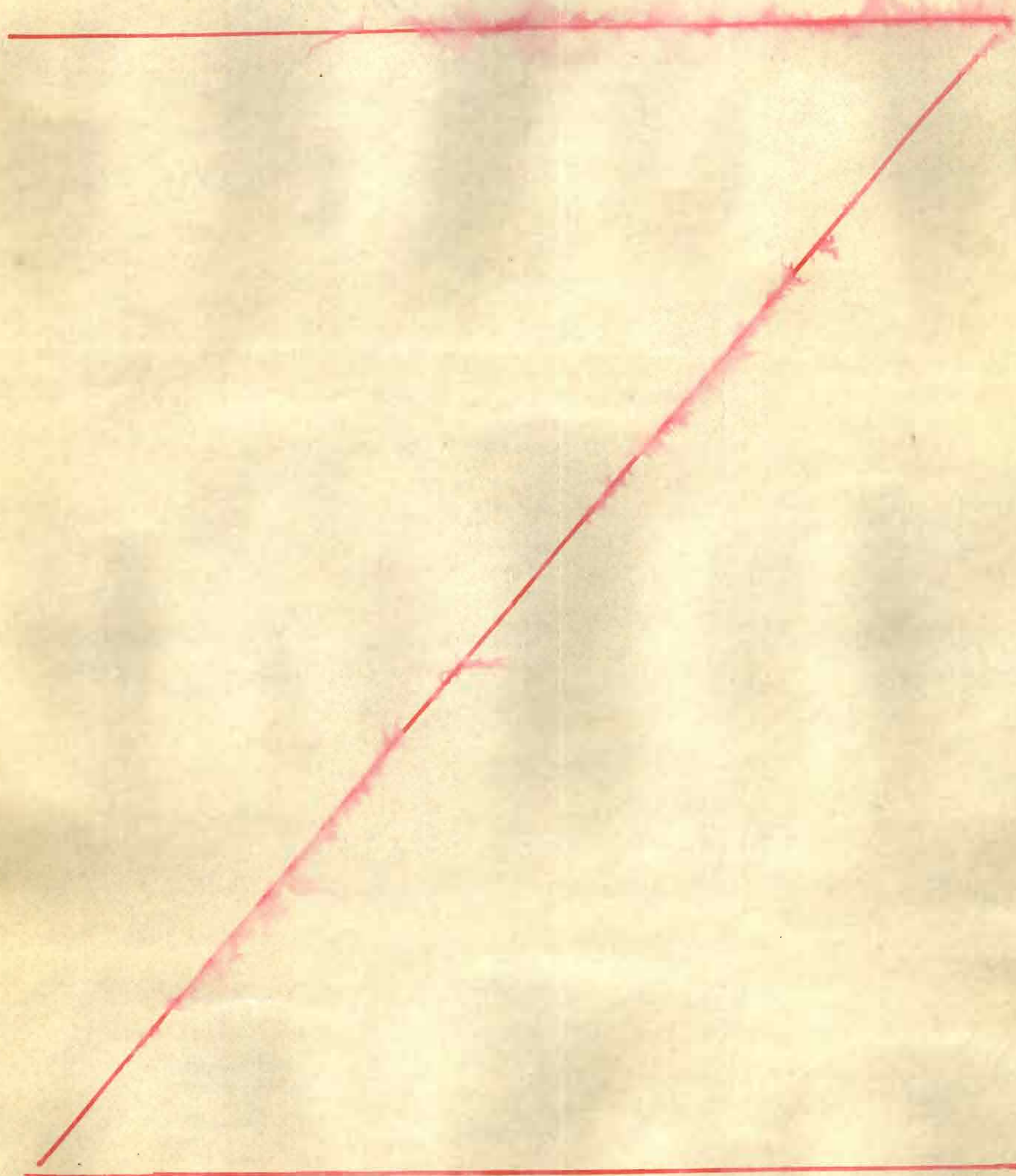
Locators,  
J. R. Nicholson,  
John Patrick,

Filed and recorded at the request of J. R. Nicholson, Jun. 6, 1906 at  
2:30 P.M.

C. F. Leonard, County Recorder,

By V. L. Vaughn;  
of Mines  
#3422, Book 16, 441 to 443, Pages,

Deputy Recorder.



8

Notice of Mining Location  
Lode Claim.

To all whom it may concern : This mining claim, the name of which is the Commercial No. 2, Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by J. R. Nicholson and John Patrick, citizens of the United States, the undersigned on the 24 day of April 1906.

The length of this claim is 1500 feet , and we claim 500 feet in a northrely direction and 1000 feet in a southerly direction from the center of the discovery shaft at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the north to the south.

The claim is situated and located in the Moors Mining District in Maricopa County in the Territory of Arizona, about 2 miles in a westerly direction from J. M. Swetmn Patented Mines.

The surface boundaries of the claim are marked upon the ground as follows. Beginning at this notice and monument at a point in a northerly direction 500 feet from the discovery shaft at which this notice is posted, being in the center of the end line of said claim: thence 300 feet to a monument being the N. E. corner of said claim: thence 1500 feet to a monument, being at the S . E. 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. W. corner of said claim thence 1500 feet to a monument at the N. W. corner of said claim: thence 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXI, of the Revised Statutes of the United States, and an act of the General Assembly of Arizona: entitled , "an Act to Revise and codify the Laws of the Territory of Arizona, "Approved March 16, 1901.

//

Dated and posted on the ground this 24 day of April 1906.

Locators

Witness,

J. R. Nicholson,

James White,

John Patrick,

Filed and recorded at request of J. R. Nicholson, June 6, 1906, at 2.35 P. M.

C. F. Leonard,

County Recorder,

By V. L. Vaughn,

Deputy Recorder

#3423 Book #16, <sup>of Mines</sup> Pages 443, 444,

Notice of Mining Location,

Lode Claim .

APR 17 1911

To all whom it may concern: This mining claim the name of which is the Green hill No. 1, mining claim situate on lands belonging to the United States of America and in which there are valuable mineral deposits was entered upon and located for the purposes of exploration and purchase by J. R. Nicholson, John Patrick and citynes of the United States the undersigned on the 14 day of April 1906. The length of this claim is 1500 feet and we claim 750 feet in a northely direction and 750 feet in a southerly direction from the center of the discovery shaft at which this notice is posted lengthwise of the claim together with 300 feet in width of the surface/grounds on each side of the center of said claim. The general course of the lode/deposit and premises is from the north to the south. The claim is situated and located in the Moors Mining District in Maricopa County in the Territory of Arizona about 1/4 mile in a westerly direction from the J. M. Swetnm patnted mines known as the Moor and Koon Mines.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at this notice and monument being at this notice and monument being at the discovery shaft thence 750 feet to the north end line of said claim thence 300 feet to a monument being the N. E. Corner of said claim, thence 1500 feet to a monument being at the S. E. 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. W. Corner of said claim thence 1500 feet to a monument at the N. W. 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 to Revise and Codify the Laws of the Territory of Arizona" approved March 16, 1901.

Dated and posted on the ground this 14 day of April 1906.

J. R. Nicholson,

Witness

John Patrick,

G. H. Clement,



Filed and recorded at request of J. R. Nicholson May 3, 1906, at 11:02 A. M.

C. F. Leonard , County Recorder,

By V. L. Vaughn, Deputy.

of Mines  
#2653, Book 278, 279,

*[The main body of the document is a large rectangular area that has been completely crossed out with a thick red diagonal line from the top-left corner to the bottom-right corner. The text within this area is illegible due to the crossing out.]*

2

Witness,  
G. H. Clement,

J. R. Nicholson,  
John Patrick,

3

Notice Of Mining Location.

Lode Claim,

To all whom it may concern: This mining claim, the name of which is the Green hill No. 2, Mining claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by J. R. Nicholson and John Patrick, citizens of the United States of America, the undersigned, on the 14 day of April, 1906. The length of this claim is 1500 feet, and I claim 750 feet in a Northely direction and 750 feet in a Southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim together with 300 feet in width of the surface grounds on each side of the center of said claim. The general course of the lode deposit and premises is from the North to the South. The claim is situated and located in the Moors Mining District, in Maricopa County, in the Territory of Arizona, about 3/4 mile in a Westerly direction from the J. M. Swetnum Patented Mining claims known as the Moor and Koon Mining claims. The surface boundaries of the claim are marked upon the ground as follows:

Beginning at this notice and monument being at discovery shaft, thence 750 feet to the North end line of said claim: thence 300 feet to a monument, being the N. E. corner of said claim: thence 1500 feet to a monument, being at the S. E. 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. W. corner of said claim: thence 1500 feet to a monument at the N. W. 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 to Revise and Codify the Laws of the Territory of Arizona." approved March 16, 1901. Dated and posted on the ground this 14 day of April, 1906.

Witness,  
G. H. Clement,

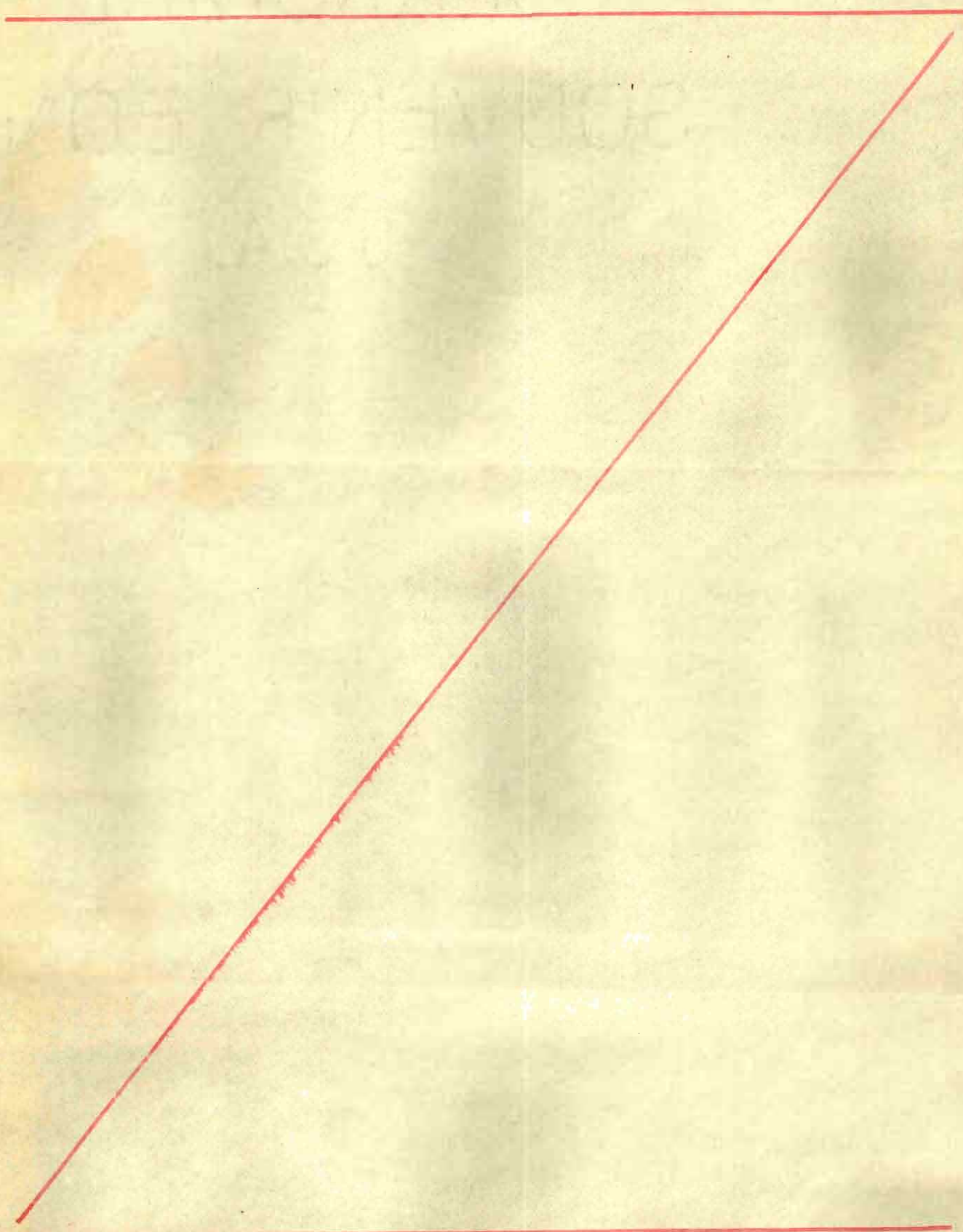
J. R. Nicholson,  
John Patrick,

3

Filed and recorded at request of J. R. Nicholson, May 3, 1906 at  
11.04 A. M.

C. F. Leonard,  
By V. L. Vaughn,  
of Mines  
#2654, Book 16, Page 279, 280,

County Recorder,  
Deputy Recorder.



Location Notice, Quartz Claim,

Notice is hereby given, That the undersigned citizens of the united States, over the age of twenty one years, in compliance with the requirements of Chapter VI. Title 32 of the Revised Statutes of the United States and local customs, laws and regulations have this day located and claim fifteen hundred linear feet along the course of said lead, lode or vein or mineral bearing quartz and three hundred feet in width on each side of the middle of said lead, lode or vein together with all mineral deposits contained therein, and all timber growing within the limits of said claim, and all water and water privileges thereon or appurtenant thereto <sup>situate</sup> in the Moors Mining district, Maricopa County, Arizona, follows, towit: Commencing at this notice and mon~~ument~~ being at discovery shaft, and ruing 750 feet in a Southerly diriction to the south center end, thence 300 feet in a Easterly driction to the S. E. corner, thence 1500 feet in a Northely driction to the N. E. corner, thence 300 feet in a westerly diriction to the the North center end thence 300 feet in a Westerly driction to the N. W. corner, thence 1500 feet in a Southerly drection to the S. W. Corner, thence 300 feet in Easterly driction to the South center end monement or place of begnng.

Located about 1/2 mile West of the old Kone Mine or the J. M. swetnins patnted mine.

The date of discovery of this lead, lode or vein is the 13 day of March 1906. It is named and shall be known as the Green Hill No. 3 mine Located March 13, 1906.

Witness

James White,

Locators,

J. R. Nicholson,

John Patrick,

Filed and recorded at request of J. R. Nicholson, May 3, 1906 at 11:06 A. M.

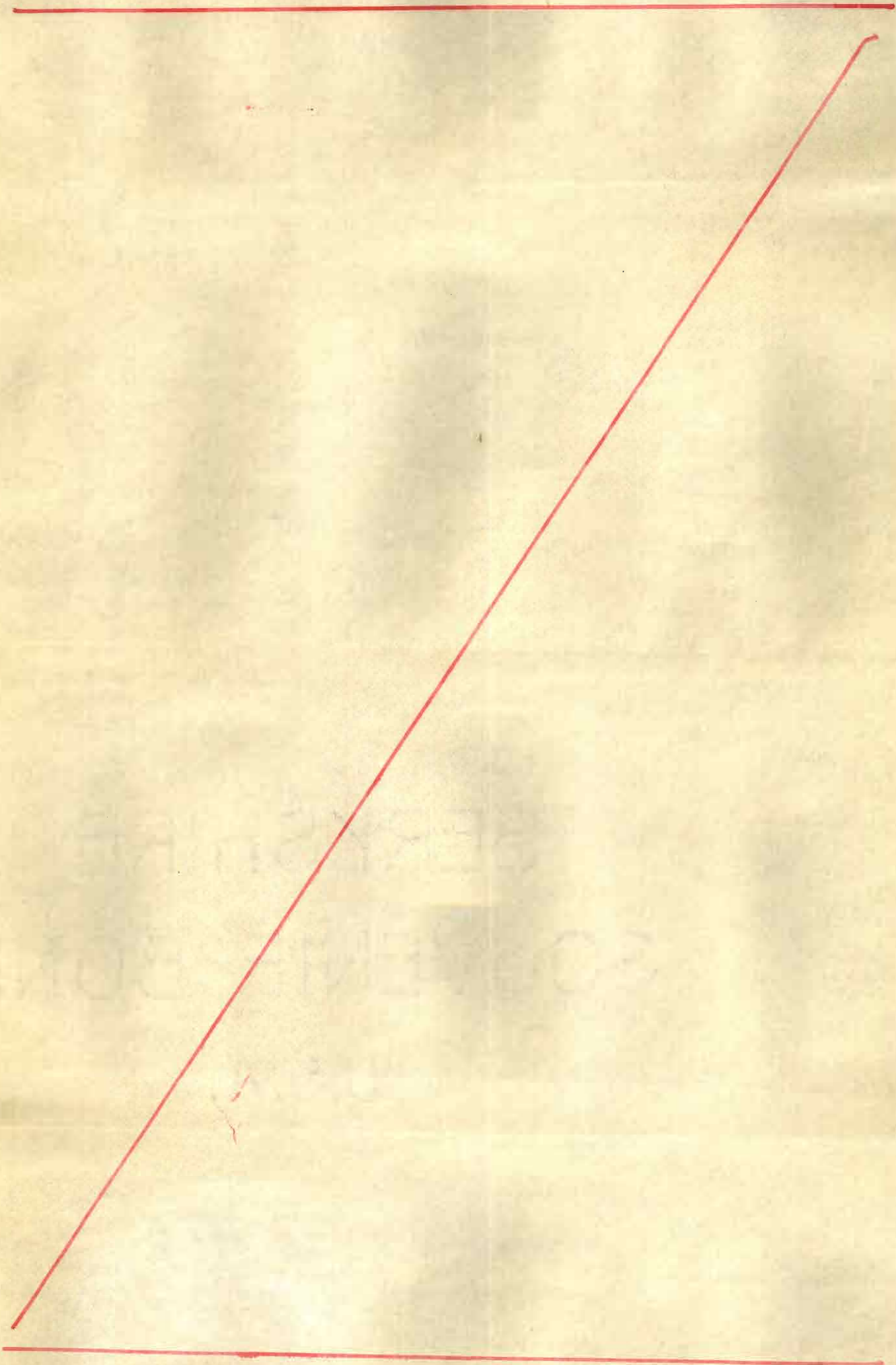
C. F. Leonard

County Recorder,

By V. L. Vaughn,

Deputy.

of Mines  
Book No. 16, Pages 280, 281, # 2655



## Location Notice

## Quartz Claim,

Notice is hereby given: That the undersigned citizens of the United States, over the age of 21 one years , in compliance with the requirements of Chapter VI, Title 32, of the Revised Statutes of the United States and local customs, laws and regulations have this day located and claim fifteen hundred linear <sup>feet</sup> along the course of said lead, lode or vein lode or vein or mineral bearing quartz and 300 feet in width on each side of the middle of said lead together with all mineral deposits contained therein, and all timber growing within the limits of said claim, and all water and water privileges thereon or appurtenant thereto, situate in the Moors Mining District, County of Maricopa, Arizona, and more particularly described as follows, to wit:

Commencing at this notice and monument being at discovery and running 750 <sup>feet</sup> in a Northely driction to the north center end thence 300 feet in a easterly driction to the N. E corner thence 1500 feet in a southerly driction to the S. E. corner thence 300 feet in a westerly driction to the south center end thence 300 feet in a westerly direction to the S. W. corner thence 1500 feet in a northely driction to the N. W. corner thence 300 feet in a easterly driction to the north center end at place of beginning.

*Located about 1/4 mile northwesterly from the J. M. Swetnam Patented Mines.*

The date of discovery of this lead, lode or vein is the 15 day of March 1906. It is named and shall be known as the Bolsa Mine.

Located March 15, 1906.

Witness

James White

Locators

J. R. Nicholson

John . Patrick,

Filed and recorded at request of of J. R. Nicholson, June 6, 1906, at 2.45 P. M.

C. F. Leonard County Recorder,

V. L. Vaughn, Deputy Recorder.

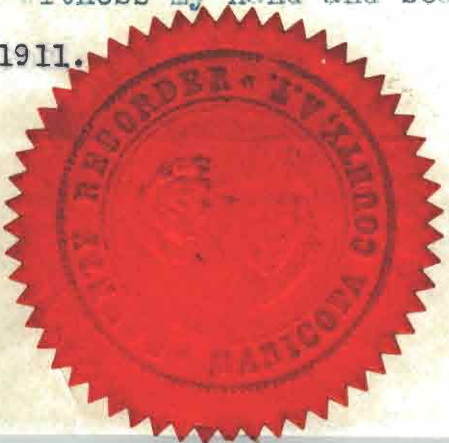
By  
of Mines

#3425 Book 16, Pages 446, 447,

Territory of Arizona, )  
County of Maricopa, ) ss.

I, C.F. Leonard, County Recorder in and for the County and Territory aforesaid, hereby certify that I have compared the foregoing copies of Notices of Location, <sup>consisting of 13 pages,</sup> with the original records, filed and recorded in my office on the respective dates, and in the Books and on the pages therein mentioned, and that the same are full, true and correct copies of such records and of the whole thereof.

Witness my hand and seal of office this 16th day of March, 1911.  
A.A.D. 1911.



*C. F. Leonard*  
County Recorder.

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

**Department of the Interior,**

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

June 22, 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

Santa Ana Mining Company,

known as the LUTY, COMMERCIAL NO. 1, COMMERCIAL NO. 2, GREEN HILL NO. 1, GREEN HILL NO. 2, GREEN HILL NO. 3, BCLSA, situate in Moors

Mining District, Maricopa County, Arizona,

in Section , Township No. 8 N., Range No. 3 E., unsurveyed, and

designated as Survey No. 2909, has been correctly copied from the originals on file in this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the *locus* thereof.

And I further certify that five hundred dollars' worth of labor has been expended or improvements made upon <sup>or for each of</sup> said mining claim<sup>s</sup> by claimant or its grantors, and that said improvements consist of 14 shafts, 1 cut and 3 crosscuts, total value \$11266. Shaft No. 3 on the Commercial No. 2 lode, shaft No. 2 on the Commercial No. 1 lode, and shaft No. 1 on the Green Hill No. 1 lode, form the basis for a system of development for this entire group of claims, and undivided 1/7 interests therein, value \$1143, \$118, and \$230, respectively, are properly credited to each of the claims in this survey.

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,

June 22, 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

Santa Ana Mining Company,

known as the

LUTY, COMMERCIAL NO.1, COMMERCIAL NO.2, GREEN HILL NO.1, GREEN HILL NO.2, GREEN HILL NO. 3, BOLSA, Moors Mining District,

Maricopa County, Arizona,

in Section Township No. 8 N., Range No. 3 E., unsurveyed,

designated as Survey No. 2909.

executed by Earl H. Parker, U.S. Deputy Mineral

Surveyor, April 19 - 24, 1911., under my instructions dated

April 17, 1911., 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 S. Lynch

U. S. Surveyor-General for Arizona,

Phoenix, Arizona, April 1, 1918.

Mr. Frank P. Trott,  
Surveyor General,  
Phoenix, Arizona.

Dear Sir;

I hereby certify that in accordance with instructions from the Surveyor General for Arizona, dated December 13, 1917, and February 6, 1918, on December 5th to the 8th, 1917, I went upon the ground and proceeded to mark the stone originally set for the true Cor. 2-3 Commercial No. 2 and Luty lodes as such, destroying the corner which had been erroneously marked therefor. Said Cor. 2-3 consists of: A granite stone 6 x 8 x 20 inches, set 12 inches in the ground marked on S. E. face L-3; on S. W. face C No. 2-2-2909.

The other corners of this survey are, to the best of my knowledge and belief, in place as they were at the time of the execution of original Survey No. 2909.

I retraced the lines of the Bolsa claim, as monumented on the ground, and its tie line to the U.S.L.M., and find same to be as follows:

Beginning at Cor. No. 1, from which U.S.L.M. No. 1446 bears South 85 degrees, 26 minutes and 32 seconds E. 1413.9 ft.

Thence south 10° 03' W. 1502.2 ft. to corner No. 2. Thence N. 68° 01' W. 597.3 feet to corner No. 3. Thence N. 9° 36' E. 1503.5 ft. to Cor. No. 4. Thence S. 68° 06' E. 609.2 ft. to place of beginning.

The exterior boundaries, to the best of my knowledge, are as Mr. George S. Rigby has described them. Beginning at Cor. No. 1 of the Luty from which U.S.L.M. No. 1446 bears S. 29° 42' E. 1719.78 ft. Thence N. 22° 34' E. 1514.7 ft. to Cor. No. 2. Thence N. 67° 46' W. 596.1 ft. to Cor. No. 3. Thence N. 67° 46' W. 596.1 ft. to Cor. No. 3 Commercial No. 2. Thence N. 67° 40' W. 611.2 ft. to Cor. No. 3 Commercial No. 1. Thence S. 22° 19' W. 1519.3 ft. to Cor. No. 4. Thence S. 19° 28' W. 1503.5 ft. to Cor. No. 3 Greenhill No. 3. Thence S. 68° 07' E. 520.1 ft. to Cor. No. 2, Thence S. 68° 07' E. 601.3 ft. to Cor. No. 2, Greenhill No. 2 and Cor. No. 4 of the Bolsa and Cor. No. 3 of Greenhill

No. 1. Thence S.  $9^{\circ} 36'$  W. 1503.5 ft. to Cor. No. 3 Bolsa.  
Thence S.  $68^{\circ} 01'$  E. 597.3 ft. to Cor. No. 2. Thence N.  $10^{\circ} 03'$  E. 1502.2 ft. to Cor. No. 1 of the Bolsa and Cor. No. 2 of Greenhill No. 1. Thence N.  $21^{\circ} 58'$  E. 1489.6 ft. to Cor. No. 1 Greenhill No. 1 and Cor. No. 1 of the Luty, the place of beginning.

On March 27, 1918, I went on the ground and returned corners that were changed, Dec. 5th to 8th, 1917, to their original places.

Respectfully submitted,

Earl H. Parker,

U. S. Mineral Surveyor.

Subscribed and sworn to before me this 1st day of April,  
A.D. 1918.

Frank P. Trott,

Surveyor-General of Arizona.