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## MINERAL SURVEY NO. 1649

Claims	M & B Desc.	Improvements	Loc. Notices
Aimee.	2	21	1
Azurite No. 4	15	26	11
Banes	14	24	10
Carbonate	8	22	6
Copper Hill	12	24	9
Crest	11	23	8
Daisy	5	21	4
Jupiter	16	26	13
Little Mammoth	1	20	2
Milton	18	26	12
Ninety Six	9	23	7
Surprise	4	21	3
Winnie	7	22	5

(4-683.)

Mineral Survey No. 1649

Lot No. \_\_\_\_\_

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Albert Steinfeld

KNOWN AS THE

Little Mammoth, Aimee, Surprise, Daisy, Winnie, Carbonate  
ninety-six, Crest, Copper Hill, Bades, Agerite No. 4, Jupiter, and Milton  
San Xavier or Pima Mining District,

Pima County, Arizona

Section 35 & 36 Township 16<sup>th</sup> of 17 S, Range 12 E

Surveyed under instructions dated March 27, 1 902

by Philip Conzger  
U. S. Deputy Mineral Surveyor

Claim located June 23-1895 - June 9-1892 - June 23-1895 - June 7, 1892 - June 6<sup>th</sup> 1892, Jan. 1, 1896 - June 23-1895 - Jan. 1-1893 - Jan. 1, 1893, Jan. 1-1891, Jan. 1, 1891

Survey commenced April 8<sup>th</sup>, 1 902

Survey completed April 15<sup>th</sup>, 1 902

6-103

Address S. M. Franklin,  
Attorney  
Pucson, Arizona.



# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

We, Jonathan B. Stevenson and Charles M. Pogue, 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 Albert Steinfeld

known as the Jupiter, Copper Hill, Banes, Milton, Carbonate, Ninety Six, Crest, Daisy, Little Mammoth, Winnie, Aimee and Surprise & Granite No 4, situate in San Xavier or Pima mining district, Pima County, Arizona, in Sections 2, 3, 4, 5, 6, Township No. 16 N., Range No. 12 East

Jonathan B. Stevenson, Chainman.

Charles M. Pogue, Chainman.

Subscribed and sworn to by the above-named persons before me this 7<sup>th</sup> day of April, 1902

My Commission Expires Feb. 12, 1906.

Charley O. Rouse  
Notary Public Pima County  
Arizona.

I, Arnold Peratta, 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 Albert Steinfeld

known as the Jupiter, Copper Hill, Banes, Milton, Carbonate, Ninety Six, Crest, Daisy, Little Mammoth, Winnie, Aimee and Surprise & Granite No 4 more fully described in the preceding affidavit.

Arnold Peratta, Axeman.

Subscribed and sworn to by the said Arnold Peratta before me this 7<sup>th</sup> day of April, 1902

My Commission Expires Feb. 12, 1906.

Charley O. Rouse  
Notary Public Pima County  
Arizona

I, Arnold Peratta, 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 Albert Steinfeld

known as the Jupiter, Copper Hill, Banes, Milton, Carbonate, Ninety Six, Crest, Daisy, Little Mammoth, Winnie, Aimee and Surprise & Granite No 4 more fully described in the preceding affidavit.

Arnold Peratta, Flagman.

Subscribed and sworn to by the said Arnold Peratta before me this 7<sup>th</sup> day of April, 1902

My Commission Expires Feb. 12, 1906.

Charley O. Rouse  
Notary Public Pima County  
Arizona Territory



# 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.**



Part

Little Mammeth Lake

Beginning at Cor. No. 1.

Identical with N.E. cor of the location.

A Limestone 20x10x5 ins, set 8 ins in the ground, with mound of stone, chiseled 1-1649, when  
S. 100° E. S. 1, 2, 35 and 36 S. 16 and 17 S. B. 12 E.  
N. 7 S. B. 3 N. W., bears S. 20° 40' W., 3090.7 ft.

A mesquite 5 ins diam, bears S. 54° 35' E. 43 ft, and a  
mesquite 5 ins diam, bears S. 54° 2' W., 108 ft, each blazed  
and scribed 1-1649 B.C.

Bear S. 10° 35' E.

Pal. 12° 45' E.

23

Dry wash, 20 ft wide, course N. Easterly.

155  
300

Dry wash, 20 ft wide, course N. Easterly.

500

To E.C.C. edge of wash, course Northwly

600

In Cor. No. 2.

Identical with S.E. cor of the location.

A Limestone 24x12x7 ins, set 12 ins in the ground, with mound  
of stone, chiseled 2-1649, when

A mesquite 6 ins diam, bears S. 39° E. 47.2 ft, and a mesquite  
6 ins diam, bears N. 57° W. 52.8 ft, each blazed and scribed  
2-1649 B.C.

Bear S. 48° 25' W.

Pal. 12° 45' E.

205

Dry wash, 6 ft wide, course Northwly.

448

Dry wash, 6 ft wide, course Northwly, head of wash bears  
30 ft S.

530

Dry wash, 10 ft wide, course Northwly.

581

Bound to Inwood, bears Northwly and Southwly

620

Bound, bears Northwly and Southwly.

705

Dry wash, 10 ft wide, course N. Easterly.

1212.22

Intersect line bet sres 35 and 36, S. 16 E, B. 12 E, at a point  
from which the cor of sres 1, 2, 35 and 36, S. 16 and 17 E,  
B. 12 E, bears S. 1960 ft. and 1/4 Cor bears N. 68° ft.

1500

In cor No. 3.

Identical with S.W. cor of the location.

A Limestone 24x18x6, set 12 ins in the ground, with  
mound of stone, chiseled 3-1649, when

A palo Verde 3 ins diam, bears S. 34° E. 55.8 ft, blazed



and scribed, 3-16-49, B.P.  
 Orient of black magel east of the Sun Xuvir mission, bearing  
 $7.34^{\circ}50' E$ ,  
 Distance from bearing  $7.52^{\circ}45' E$ .

Bearing  $7.11^{\circ}35' N$ .  
 Dist.  $12^{\circ}45' E$ .

- 500 West end entry identical with the location, which is a mound of stone 2 ft base,  $1\frac{1}{2}$  ft high.
- 335 Dry wash, 10 ft wide, course  $7. E$  Easterly.
- 345 Dry wash, 6 ft wide, course  $7. E$  Easterly.
- 500 Borel No. 4,  
 Identical with  $N. W.$  cor of the location.  
 A limestone  $25 \times 8 \times 4$  ins, set 12 ins in the ground, with  
 mound of earth and stones elevated 4-6 ft, where  
 a mosquito stump, 4 ins diam, bearing  $16^{\circ} E$ , 37 ft, and a mosquito  
 stump 7 ins diam bearing  $39^{\circ} W$ , 58.4 ft, were blazed and scribed  
 1-16-49, B.P.

Bearing  $7.78^{\circ}25' E$ .  
 Dist.  $12^{\circ}45' E$ .

- 100 S. edge of road.
- 410.7 Distance from line bet sec 35 and 36,  $34^{\circ}16' S. B. 12 E$ ,  $S. 4^{\circ} S. B. B. 4$   
<sup>20.2560 ft</sup>  
 m. at a point from which the  $4^{\circ}$  sec cor bears  $7.75^{\circ}$  ft. & sec cor bears  
 $3.2565^{\circ}$  ft.
- 500 Borel, traps  $7. W$  Easterly and  $S. Easterly$ .
- 835 Dry wash, 15 ft wide, course  $S. Easterly$ .
- 915 Road, bearing  $7.$  and  $S.$
- 1155 Dry wash, 6 ft wide, course  $S. Easterly$ .
- 1500 Borel No. 1, the place of beginning.

Nimrod Rock.

Beginning at Borel No. 1.  
 Identical with  $N. E.$  cor of the location.  
 A limestone  $24 \times 12 \times 8$  ins, set 12 ins in the ground, with  
 mound of stone, elevated 1-16-49, where  
 the cor of sec 1, 2, 35 and 36,  $34^{\circ}16'$  and  $17^{\circ} S. B. 12 E$ ,  
 $S. 4^{\circ} S. B. B. 4$  m, bearing  $S. 22^{\circ}20' W$ , 2340.3 ft.  
 A pale sand 4 ins diam, bearing  $S. 70^{\circ} E$ , 68.3 ft, and a mosquito  
 4 ins diam bearing  $S. 75^{\circ}30' E$ , 73.4 ft, were blazed and scribed  
 1-16-49 B.P.



1400

Plumer S. 1135 E.

Pl. 12°45' E.

500

Dry wash, 6 ft wide, course N. Easterly.

1385

Road bears N. Easterly and S. Westerly.

1500

In Col. No. 21.

Identical with S. E. cor. of this location.

A limestone 24 x 12 x 8 ins, set 120 ins in the ground, with mound of stone 2-1849, when

Every well near Saginaw mine, bears N. 22° E.

National bank bears N. 50° 25' E.

Plumer S. 78° 25' W.

Pl. 12° 45' E.

185

Road, bears N. Easterly and S. Westerly.

300

Smooth and even, <sup>and flat</sup> identical with this location, which is a mound of stone 2 ft broad, 15 ft high.

400

Cabin, bears 20 ft. S.

425

Road, bears N. Easterly and S. Westerly.

455

Dry wash, 10 ft wide, course N. Easterly.

580

Road, bears N. Easterly and S. Westerly.

600

In Col. No. 3.

Identical with S. W. cor. of this location.

Limestone in place 24 x 24 x 12 ins above the ground, with mound of stone, elevated 3-1849, when

Present water tower bears N. 23° 10' E.

Belly bank Santa Catalina mountains bears S. 34° E

Limestone in place 32 x 16 x 6 ins above the ground - surface elevated 3-1849 15.10.

Plumer N. 11° 35' W.

Pl. 12° 45' E.

145

Road, bears N. Easterly and S. Westerly.

660

Facial on hill

960

Dry wash, 6 ft wide, course N. Easterly.

1114

Road, bears N. Easterly and S. Westerly.

1500

In Col. No. 4.

Identical with N. W. cor. of this location.

A limestone 24 x 12 x 10 ins, set 120 ins in the ground, with mound of stone, elevated 4-1849, when

High bank in the Santa Catalina mountains bears N. 4° 50' E.

Notch, Santa Catalina mountains, bears N. 21 1/2° E.

Plumer N. 78° 25' E.

1500



Part  
300  
600

To N.E.C. Var.  $12^{\circ}45' E.$   
In Loc. No. 1, this place of beginning

Surprise Ledge.

Beginning at Loc. No. 1.

Identical with N.E. cor of the location and with Loc. No. 2 of the annual list of this survey. Dismarked on S.W. April 1-1649, when

The cor of sires 1, 2, 35 and 36, Sta 16 and 17 S. B. 12 E. H. 7 S. B. 43 W. brass S.  $57^{\circ}43' W.$  1378.7 ft.

Placed S.  $11^{\circ}35' E.$

Var.  $12^{\circ}45' E.$

100

Revised

150

Post and metal drain.

200

Bound, brass Easterly and Westerly.

400

Dry wash, 50 ft wide, course N. Easterly.

500

Signal brass 40 ft E. of line.

600

Signal brass course N. Easterly.

687.6

Intersect line bet sires 1 and 36, Sta 16 and 17 S. B. 12 E. H. 7

S. B. 43 W. at a point from which the cor of sires 1, 2, 35 and 36, brass first 1332.6 ft. 4402 brass E. 1307.4 ft.

1701

Dry wash 6 ft wide, course N. Easterly.

1800

Revised No. 2.

Identical with S.E. cor of the location.

A limestone  $24 \times 12 \times 6$  ins set 12 ins in the ground, with mound of stone chiseled 2-1649, when

A magnetic 5 ins brass S.  $57^{\circ} E.$  59 ft, and a magnetic 5 ins brass N.  $36^{\circ} 40' W.$  57.4 ft, each placed and scribed 2-1649 B.S.

Placed S.  $78^{\circ} 25' W.$

Var.  $12^{\circ} 45' E.$

60

Dry wash, 6 ft wide, course N. Easterly.

227

Bound, brass Northerly and Southerly.

290

Bound, brass Northerly and Southerly.

300

South end corner monument, identical with the location, which is a mound of stone, 2 ft base, 2 ft high.

600

To Loc. No. 3.

Identical with S.W. cor of the location.

A limestone  $24 \times 12 \times 6$  ins, set 12 ins in the ground, with mound



100

of stones, numbered 3-1649, numbered  
 N. 1/2 Sec. 10, 10 ins diam, base N. 66° 10' E. Height and circled  
 3-1649 N. 1/2  
 Height from base 20° 10' N.

Placed N. 11° 35' W.  
 Pa. 12° 45' E.

- 140 Dry wash, 30 ft wide corner N. Easterly.
- 350 Sand drawn corner N. Easterly.
- 400 Dry wash, 40 ft wide corner N. Easterly.
- 749 Mound of stones 2 1/2 ft base, 2 ft high, on line.
- 850 Road base Easterly and Westerly.
- 900 Drain drawn and covered.
- 935.3 Intersect sec line bet sres 1 and 36, S. 16 and 17 S. 16 12 E.  
 S. 9 S. 16. 13 9 W, at a point from which the cor of sres 1, 2, 35  
 and 36, S. 16 and 17 S. 16 13 E, S. 9 S. 16. 13 9 W, base West  
 220.2 ft. 14 Sec cor brs. E. 1919. 8 ft.
- 950 Pot.
- 1070 Dry wash, 5 ft wide corner N. Easterly.
- 1170 Road base N. Easterly and S. Westerly.
- 1260 Road base N. Easterly and S. Westerly.
- 1390 Stable on line.
- 1500 Co. Cor. No. 4.

Identical with N. 1/2 cor of the location and with Cor. No.  
 3 Animal beds of this survey. I marked stones 4-1649 on S. E.  
 face.

Placed N. 75° 25' E.  
 Pa. 12° 45' E.

- 1300 North and center monument, identical with the location and  
 with South and center monument of Animal beds of this survey.
- 600 Co. Cor. No. 1, that place of beginning.

Windy Corral.

Beginning at Cor. No. 1.  
 Identical with N. E. cor of the location, cor No. 3 of the inner  
 and cor No. 4 of the Surprise beds of this survey, I marked  
 stones 1-1649 on S. W. face, numbered  
 The cor of sres 1, 2, 35 and 36, S. 16 and 17 S. 16 12 E,  
 S. 9 S. 16. 13. 9 W, base S. 46° 23' W 88.1 ft.



Dist

Plummet S. 11° 35' E.

Pa. 12° 45' E.

564.7 Intersect rec. line, heretofore described on Superior ledge  
1500 In cor No. 2.

Identical with the S.E. cor of the location, and cor No. 3  
of Superior ledge of this survey. Plumb line 2-1649 on N.W.  
face.

Plummet S. 78° 25' W.

Pa. 12° 45' E.

74 Dry wash, 3 ft wide, course N. Easterly.

220 Dry wash, 4 ft wide, course N. Easterly.

300 South end corner monument, identical with the location, which  
is a mound of stone 3 ft base, 1 1/2 ft high.

420 Dry wash, 4 ft wide, course N. Easterly.

546.8 Intersect East end line of the Plummet Right ledge measured  
C. D. Wilson et al. claimants at a point from which the S.E.  
cor of the ledge bears S. 65 ft.

500 In cor No. 3.

Identical with S.W. cor of this location.

A limestone 26 x 14 x 6 ins, set 14 ins in the ground with mound  
of stone marked 3-1649, named

A pale rock 10 ins diam, bears N. 62° E, 78 ft. and a pale

Rock 6 ins diam bears N. 117° E, 37 ft, each laid and scribed  
3-1649 R.S.

Plummet N. 11° 35' W.

Pa. 12° 45' E.

20 Dry wash, 5 ft wide, course N. Easterly.

190 Dry wash, 20 ft wide, course N. Easterly.

335 Road, bears N. Easterly and S. Westerly.

460 Road, bears N. Easterly and S. Westerly.

612.97 Intersect North side line of the Plummet Right ledge measured  
C. D. Wilson et al. claimants, at a point from which the S.E. cor  
of the ledge bears S 70° 30' E, 128 ft.

650 Dry wash, 20 ft wide, course Northwesterly.

750 Mound of stone 2 ft base, 1 1/2 ft high

885 Road, bears N. Easterly and S. Westerly

1058.1 Intersect sec line bet Sres 1, and 36, S. 16 and 17, S. 12 E.

S & S. 16. B 9 M, at a point from which the cor of Sres. 1, 2,  
35 and 36, S. 16 and 17, S. 13 E, S & S. 16. B 9 M bears West  
107.8 ft. + 1/4 sec. cor. Sres. 25 & 2 ft. East.



Sub  
1500

To Cor No. 4.  
 Identical with N.W. cor of the location.  
 A limestone 18 x 12 x 10 set in in the ground with number  
 of stone chiseled 4-1649, volume.  
 A limestone in place, 30 x 30 x 6 ins above the ground surface,  
 bears N. 25° 5' W, 27.3 ft, and a limestone in place 24 x 16 x 6 ins  
 above the ground surface, bears S. 65 1/2° W, 6.2 ft, each chiseled  
 4-1649, B.B.

Placed N. 78° 25' E.  
 Pa. 12° 45' E.

Descending

- 245. Road corner N. West and S. East.
- 270. Shaft on land.
- 300. North end central monument, which is a mound of stone 2 1/2  
 at base, a ft high identical with the location.
- 600. To Cor. No. 1 the place of beginning.

Winnin' Lodge.

Beginning at Cor. No. 1.  
 Identical with N.E. cor of the location and cor No. 4.  
 Mineral bar of this survey. I mark stone 1-1649, on S. W.  
 corner, volume.  
 The cor of rods 1, 2, 35 and 36, Sep 16 and 17 of B. 12 E, S 9 S. B.  
 E. 7 W, bears S. 5° 23' W, 2066.9 ft.

Placed S 78° 35' E.  
 Pa. 12° 45' E

1500

To Cor. No. 2.  
 Identical with S.E. cor of the location and cor No. 3 of  
 Survey, cor No. 4 of Surprise and cor No. 1 of Daisy bar  
 of this survey.

Placed S. 78° 25' W.  
 Pa. 12° 45' E.

- 800. South end central monument, identical with the location  
 and North end central monument of the Daisy bar of  
 this survey.

- 800. To Cor. No. 3.  
 Identical with S.W. cor of the location and cor No.  
 4 of the Daisy bar of this survey. I mark stone



Part

3-1649 on N.E. face.

Plumet N. 11° 35' E.  
Pa. 12° 45' E.

95.47 Intersect sec line bet sec 35 and 36, S 16 E. N 13 E, S 9 S. N. B 9 W, at a point found which the cor of sec. 1, 2, 35 and 36 S 16 and 17 S. N 12 E N 9 S. N. B 9 W bears from the sec. 3 ft. + 1/4 sec. cor. dis. N 21 13.7 ft.

140 Stake 16 ft wide, course Easterly.

400 Stake 20 ft wide course Easterly.

927 Stake 6 ft wide, course N. Easterly

1500 On Cor No. 4.

Identical with the N.W. cor of the location and with cor No. 3 of the Little M. summit level of this survey. Plumb stone 4-1649 on S.W. face.

Plumet N. 75° 25' E.

Pa. 12° 45' E.

257.78 Intersects sec. line bet. sec 35 and 36. Herein before described  
600 A mound of stone 2 1/2 ft base, 2 ft high, identical with the location of the monument.

600 On cor No. 1. The place of beginning.

Carbonate Rock.

Beginning at Cor No. 1.

Identical with the N.E. cor of the location.

A limonite 24 x 5 x 6 ins, set 12 ins in the ground, with mound of stone, elevated 1-1649, when

Cor No. 4. Windward level of this survey, bears N. 11° 35' W. 300 ft.

Old cor of sec 1, 2, 35 and 36, S 16 and 17 S. N 12 E, S 9 S. N. B 9 W, bears S. 7° 54' E, 1645.5 ft.

Mt. Baldy, Santa Rita Mountains, bears S. 8° E.

San Xavier Mission, bears N. 25° 15' E.

Plumet S. 11° 35' E.

Pa. 12° 45' E.

500 East end central monument, identical with the location, which is a mound of stone 2 1/2 ft base, 2 ft high.

600 On Cor No. 2.

Identical with the S.E. cor of the location.

A mineralized limestone, 28 x 14 x 6 ins, set 16 ins in the ground with mound of stone, elevated 2-1649, when



Sagimaw Well bears N. 1° 15' E.  
Peaches fault bears N. 22 1/2° W.

Plummet S. 78° 25' W.  
Pl. 12° 45' E.

Ascending.

- 58 Dry wash, 6 ft wide, course N. Easterly.  
520 Dry wash, 6 ft wide, course N. Easterly.  
1250 Top of ridge, bears N. and S. and descend.  
1500 Pt. Co. No. 3.

Identical with S. W. end of the location.

A limestone 25 x 8 x 8 ins, set 12 ins in the ground, with  
mark of stone chiseled 3-1649 volume  
1 plate bears 5 ins diam, bears N. 23° E, 22 ft, and a plate  
bears 3 ins diam, bears N. 3 1/2° E, 65 ft, each blazed and  
scribed 3-1649 B.D.

Plummet N. 11° 35' W.  
Pl. 12° 45' E.

Ascending.

- 115 Dry wash, 6 ft wide, course ~~N. Easterly~~ Westerly.  
500 Top of N. slope, + W. E. C.  
600 Pt. Co. No. 4.

Identical with N. W. end of the location.

A limestone 27 x 10 x 10 ins, set 12 ins in the ground, with mark  
of stone, chiseled 4-1649 volume

Locality Knoll near Sagimaw mine bears N. 5° 5' E.  
1 plate bears 6 ins diam, bears S. 30° E, 25.5 ft, blazed  
and scribed 4-1649 B.D.

Plummet N. 78° 25' E.  
Pl. 12° 45' E.

Ascending.

- 220 Top of ridge, bears N. and S. and descend.  
377 Gulch 6 ft wide, course Northwily.  
500 Gulch 6 ft wide, course Northwily, and ascend.  
776 Top of ridge, bears N. and S. and descend.  
1175 Post; gulch 6 ft wide, course Northwily.  
1500 Pt. Co. No. 1, the place of beginning.

Ninety-Six Cords



Foot

Beginning at Cor. No. 1  
Identical with N.E. cor of the location and on the  
of the (vertical) base of this survey, whence  
the cor of secs 1, 2, 35 and 36, Sec 16 and 17 of R. 12 E. &  
S. R. 10 & 11, base S 5° 45' E, 1045 ft.

Plunge S 11° 35' E.

Pa. 10° 45' E.

54.16 Intersect line bet secs 35 and 36 of R. 16 E. & R. 13 E. S. 7  
& R. 13 & 14, at a point from which the cor of secs 12, 35  
and 36, Sec 16 and 17 of R. 13 E. & S. R. 13 & 14, base  
South 432.5 ft. + 1/4 cor. base North 2207.2 ft.

3.00 East end center monument, identical with the location,  
which is a mound of stone 2 1/2 ft base 2 ft high.  
504.53 Intersect sec. line bet. secs. 35 & 36, heretofore described.  
6.00 In Cor. No. 2.

Identical with S.E. cor of the location, cor No. 3 of the  
Pinnac beds and cor No. 4 of the Daisy beds of this  
survey. A mark, stone 2-1649 on N.W. face.

Plunge S 78° 25' W.

Pa. 10° 45' E.

1916

5.00 Top of ridge, base E. and W. and descend.  
10.00 Dry wash, 6 ft wide, course S. 1/4 E.  
13.10.8 In Cor. No. 3.

Identical with S.W. cor of the location.  
A limestone in place 2 x 2 ft, 2 ins above the general surface  
described (\*) at cor point and 3-1649, whence  
A hole 6 ins diam, base N. 24° 25' W, 54.5 ft, Hayward  
and scribbled 5-1649 B.P.

East Pine Butte base S. 24 1/2° E.

Mt. Baldy, Santa Rita mountains, base S 34° 55' E.

Plunge N. 11° 35' W.

Pa. 10° 45' E.

Ascending.  
3.00 West end center monument, which is a mound of stone  
2 1/2 ft base, 2 ft high, identical with the location.

6.00 In Cor. No. 4.  
Identical with the N.W. cor of the location.  
A limestone 24 x 10 x 10 ins, set 12 ins in the ground, with

to be written below



See

remnant of stone, elevated 4-1049, situated  
A limestone outcrop, 20x15 ft, 18 ins above the general surface  
cross S 80° S E 7 ft; elevated 4-1049, R.A.  
Silver Fork, Silver Bell mining district, cross N 42° 25' W

Plummet N 78° 25' E

Pl. 10° 45' E

1310.8 See cor. No. 1, the place of beginning.

West Lock

Beginning at Cor. No. 1.

Identical with the cor. of the location, and in line of  
the Twenty Six of this survey, situated

Pl. in S. Secs 1, 2, 35 and 36, Sp. 16 and 17 S. R. 12 E,  
T. 4 S. R. 13 & 14, cross S 75° W, 455.7 ft.

Plummet S. 10° 35' E

Pl. 10° 45' E

See East and center monument, identical with the location,  
which is a remnant of stone 2 ft diam, 2 ft high.  
441.9 Intersect sec. line bet. secs. 1 & 36, see page 6.  
See Cor. No. 2.

Identical with S.E. cor. of the location

A mineralized rock in place, 26x14x10 ins above the general  
surface, elevated cross (x) at cor. points and 2-1049 Plummet  
A hole 3 ins diam, cross S 63° W, 63 ft; Pl. and  
situated 2-1049, R.A.

Helmet peak cross S. 2° 30' W

Plummet S. 75° 25' W

Pl. 10° 45' E

426.7 ascending.  
Intersect sec. line bet. secs. 1 and 2, S. R. 17 S. R. 12 E,  
S. R. 13 & 14, at a point from which the cor. of secs. 1, 2,  
35 and 36, Sp. 16 and 17 S. R. 13 E, T. 4 S. R. 13 & 14, cross North,  
197.4 ft. + 1/4 sec. cor. Sec. S 2462.6 ft.

477.2 Intersect N. side line of the Plummet Knight bar, un-  
surveyed, E. D. Chilson et al. claimants, at a point from  
which the N.W. cor. of this bar cross N 70° 30' W, 587 ft.

500 Top of ridge and descent.

460 Road, cross E and W.

1208 Post, dug much, 4 ft wide, corner S. Easterly.

1133.37 Intersect N. end line of the Plummet Knight bar, un-



1310.5

Surveyed by E. D. Gibson et al. claimants, at a point from which the N. and center monument of the late Survey No. 45, 9<sup>th</sup> Sec. from which point the N.W. Cor. of the Planned Knight Lodge Tract is N. 20° 42' E. 302 ft.

Identical with S.W. cor. of the location.  
 A limestone 24x10x8 ins, set 12 ins in the ground, with number of stone marked 3-1649, when  
 A magnetic 8 inch chain bears N 83° 4' E, 33.8 ft; and a magnetic 8 inch chain bears S 7° E, 33.8 ft; each flagged and sealed 3-1649, 13. A.

West end center monument of the Planned Knight Lodge, surveyed by E. D. Gibson et al. claimants, bears N 83° 4' E, 110.7 ft.

Plunge N. 11° 35' W  
 Pa. 12° 45' E.

50 Dry wash, 10 ft wide, course easterly.  
 500 West end center monument, identical with the location, which is a mound of stone 2 1/2 ft base, 2 ft high.

1270.0 Intersect one line lot area 2 and 35, Sec 16 and 17 S. R. 12 E  
 1270.0 S. R. 12 E 1/4 M at a point from which the cor. of area 1, 2, 35 and 36, Sec 16 and 17 S. R. 12 E, S. 1/4 S. R. 12 E 1/4 M, bears EAST 1240.43 ft. + 1/4 sec. cor. Sec. 11. 1399.57 ft.

600 East end center N. westerly and S. easterly.  
 600 Co. Cor. No. 4.  
 Identical with S.W. cor. of the location and with cor. No. 3 of the Ninety-Six lots of this survey. Marked 4-1649 on N.W. side of cross on stone.

Plunge N. 78° 25' E.

1271.64 intersects sec line bet sec 315 + 36 see note 96 page 10  
 1310.8 Co. Cor. No. 1, the place of beginning.

Copper Hill Lodge.

Beginning at Co. No. 1.  
 Identical with N.E. cor. of the location, cor. No. 3 of the Ninety-Six lots and cor. No. 4 of the 7200 lot of this survey. Marked 1-1649 on S.W. side of cross on stone, when  
 The 1/4 cor. of area 2 and 35, Sec 16 and 17 S. R. 12 E, S. 1/4 S. R. 12 E 1/4 M, bears S. 82° 4' W, 1354 ft.



Foot

Plumer S 11° 35' E.

192.52  
300

Intersects see line Pa. 12° 45' E.  
East end center monument, identical with the location  
and with N. end center monument of the West side of this survey.

200

Identical with S. E. cor of the location and cor No. 3 of  
the West side of this survey. I mark stone 2 1849 on  
S. W. corner.

Plumer S 78° 35' N.

Pa. 12° 45' E.

95

Dry wash, 4 ft wide, course N. Easterly.

315

Set 2 x 30 ft long, S. of line

449

Mound of stone 2 ft base 1 1/2 high

925

Road, bears Northwesterly and Southwesterly.

1190

Road bears N. Easterly and S. Westerly.

Shaft bears 6 ft S of line.

1500

Pl. cor No. 3.

Identical with S. W. cor of the location  
A granite stone 26 x 12 x 12, set 14 ins in the ground, with  
mound of stone, elevated 3-1849, marker  
A granite rock in place, 30 x 24 x 8 ins above the general  
surface, bears S. 30° E 16 ft elevated 3-1849 B.D.  
Wineen spruce bears N. 74° 10' E.

Plumer N. 11° 35' W

Pa. 12° 45' E.

175

Dry wash, 8 ft wide, course N. Easterly

270

Dry wash, 6 ft wide, course Easterly.

300

West end center monument, identical with the location,  
which is a mound of stone 2 1/2 ft base, 2 ft high.

320

Road, bears Easterly and Westerly.

365

Road, bears N. Westerly and S. Easterly.

447

Dry wash 5 ft wide, course Easterly.

600

Pl. cor No. 4.

Identical with N. W. cor of the location  
A limestone 26 x 12 x 7 ins, set 14 ins in the ground, with  
mound of stone, elevated 4-1849, marker  
Pl. 1/4 cor of area 2 and 35, April 16 and 17 S. B. 13 E, S &  
S. B. 13 W bears N. 41° 55' E, 147.4 ft.  
Black Knoll, near Belmont, bears S. 60° E.



See

Wood Butte bears S 78 1/2° E, about 1 1/4 miles dist.

Plumet N. 78° 25' E

Pa. 12° 45' E.

508.99 Intersect sec line bet sec 2 and 35, Twp 16 and 17 S. R. 12 E.  
N 9 S. 16. 13 1/2 W, at a point from which the 1/4 cor of sec 2  
and 35 bears West 407.75 ft. + Cor to sec 1, 2, 35 + 36  
No. 8 2202.25 ft.

600 End, bears N. 88 E, and S. 80° W.

650 Wood bears N. 60° E, and S. 60° W.

750 Mound of stone 2 1/2 ft base, 2 ft high, and enters road

1100 From road, bears S. Easterly.

1130 Road, bears N. Westerly, and S. Easterly.

1400 Dry wash, 10 ft wide, course Southerly.

1500 In Co. No. 1. the place of beginning.

Barred Code.

Beginning at Cor. No. 1.

Identical with N.E. cor of the location and cor No. 4 of  
the Thirty-Six lots of this survey. I mark stone 1-1649 on  
S.W. face.

The 1/4 cor of sec 2 and 35, Twp 16 and 17 S. R. 12 E. N. 9  
S. 16. 13 1/2 W. bears S 55° 5' W, 1475 ft.

Plumet S. 75° 25' E.

Pa. 12° 45' E.

500 East end creek monument, identical with the location  
and with N end creek monument of Thirty-Six lots of  
this survey.

In Co. No. 2.

Identical with S.W. cor of the location, cor No. 3 of the  
Thirty-Six, cor No. 4 of the East end, cor No. 1 of the  
Copper Hill lots of this survey. I mark stone 2-1649 on  
N.W. face.

Plumet S. 75° 25' W.

Pa. 12° 45' E.

941.06  
1500

Intersects sec line bet 2 & 35 herein before discussed on Copper Hill  
In Co. No. 3.

Identical with the S.W. cor of the location and cor No. 4 of  
the Copper Hill lots of this survey. I mark stone  
3-1649 on N.E. face.



Rec

Plumer N. 11° 35' N.  
Pa. 12° 45' E.

- 112.18 Dist. set see line bet sees 2 and 35, April 16 and 17 S. 16 12 E.
- S. & S. 16 13 & M. at a point from which line 1/2 cor of sec 2 and 35, bears East, 121.19 ft. & cor to sec 2, 3, 34 & 35 by 7/8.
- 220 Road, N. Easterly and S. Westerly.
- 300 East and central monument, identical with the location, which is a mound of stone 2 1/2 ft base, 2 ft high.
- 600 In Co. No. 1.
- Identical with the location.
- A limestone 23 x 10 x 10 ins. set 16 ins in the ground with number 1649 engraved on it.
- It bears North 6 ins diam, bears N. 39° 1/2 51 ft, Page 1 and 2.
- Section 4-10 49 10.9
- East from Butte Road S. 20° E.

Plumer N. 78° 25' E  
Pa. 12° 45' E.

- 300 Dry wash, 6 ft wide, course Southerly, and ascend.
- 145 Road bears N. Westerly and S. Easterly.
- 400 Hole of ridge, bears Northerly and Southerly, and descend.
- 550 Dry wash, 10 ft wide, course N. Easterly.
- 1050 Road bears Northerly and Southerly.
- 1310.5 Cor No. 3 of the Carbonate base of this survey.
- 1500 To Cor. No. 1, the place of beginning.

Plumer N. 4 Rods.

Beginning at Cor. No. 1.  
Identical with N. E. cor of the location, and the No. 4 of the Carbonate base of this survey. I mark stone 1-1649 on S. W. face, when  
The 1/2 sec. cor of sec 2 and 35, April 16 and 17 S. 16 12 E.  
S. & S. 16 13 & M, bears S. 55° 55' N, 1635.2 ft.

Plumer S. 11° 35' E.  
Pa. 12° 45' E.

- 300 East and central monument, identical with the location and N. end center of the Carbonate base of this survey.
- 600 Co. No. 2.
- Identical with the S. E. cor of the location and Cor. No. 3 of the Carbonate base of this survey. I mark stone



Part

5-1649 on N.W. face.

Plumet S 78° 25' N.  
Ta. 12° 45' E.

- 1310.5 Cor. No. 4, Burns hole of this survey.
- 1330 Road, bears Northwly and Southwly.
- 1500 In Cor. No. 3.

Identical with S. Face of this location.  
 A limestone in place, 30 x 14 x 6 ins above the general surface, chiseled exact at its point and 5-1649, where  
 A limestone boulder 6 x 6 x 4 ft above the ground, bears  
 S. 48° 40' N, 71.8 ft chiseled 5-1649 B.P.  
 Run Water bears S. 74° 50' E.

Plumet N. 11° 55' N.  
Ta. 12° 45' E.

Ascending.

- 50 Top of Knoll, and observed
- 300 West end crater mountain, identical with the feature, which is a mound of stone 2 ft base 2 ft high.
- 360 Road, bears Eastwly and Westwly.
- 400 Foot, dry wash, 6 ft wide, course N. Westwly
- 600 In Cor. No. 4.

Identical with its location.  
 A quartz stone 26 x 12 x 10 ins, set 100 ins in the ground in the summit of stone chiseled 4-1649, where  
 Samanigo peak Sierra mountains bears S 50° 40' N.  
 Black Knoll bears S. 82° N, about 1/2 mile dist

Plumet N. 78° 25' E.  
Ta. 12° 45' E.

Ascending.

- 1100 Top of ridge, bears Northwly and Southwly, and observed
- 1243 Dry wash, 6 ft wide, course Northwly
- 1400 Road, bears Northwly and Southwly.
- 1500 In Cor. No. 1, the place of beginning.

Inspector Code.

Beginning at Cor. No. 1.  
 Identical with N.E. cor of this location and Cor. No. 4  
 of Burns hole of this survey. In wash stone 1-1649, where



487.81 Rec 1/4 cor. of sec 2 and 35, Twp 16 and 17 S, R 12 E, S 4  
S. R. B. & M. bears S 27° 38' E, 506.8 ft

Plumet S. 11° 35' E.  
Pa. 12° 45' E.

300 West and central monument identical with the location  
and N. end center of the 16-acre lots of this survey.

487.82 Intersect sec line bet sec 2 and 35, Twp 16 and 17 S, R 12 E,  
S 4 S. R. B. & M. at a point from which the cor. of sec. 2, 3,  
34 and 35 bears West 2518.81 ft + 1/4 sec. cor. bet sec 2 & 35  
by E. 121.19 ft.

600 Identical with the S. E. cor. of the location, cor. No. 3 of the 16-acre  
and cor. No. 4 of the Upper Will bears of this survey. It  
marks point 2-1649 on N. W. face.

Plumet N. 78° 25' W.  
Pa. 12° 45' E.

1130 Road to Pineson, bears Northwesterly and Southwesterly.  
1500 by cor. N. 3.

Identical with S. W. cor. of the location.  
A limestone 24 x 12 x 6 ins, set 12 ins in the ground, with  
mark of stone, dated 3-1649, when  
bearing from base S 31° 5' E.  
High point in Santa Catalina mountains, bears N. 11° 15' E.

Plumet N. 11° 35' W.  
Pa. 12° 45' E.

300 West and central monuments identical with the location, which  
is a mound of earth 4 ft long 1 1/2 ft high.

417.7 Intersect sec line bet sec 2 and 35, Twp 16 and 17 S, R 12 E,  
S 4 S. R. B. & M. at a point from which the cor. of sec 2, 3,  
34 and 35 bears West 990.1 ft. + 1/4 sec. cor. bet sec 2 & 35  
by E. 165.0 ft.

600 Identical with N. W. cor. of the location.  
A limestone 24 x 12 x 8 ins, set 12 ins in the ground, with  
mound of earth and stone, dated 4-1649, when  
A mesquite 5 ins diam, bears N. 84° E 144 ft. and a mesquite  
6 ins diam, bears N. 78° 1/4 W, 172.7 ft. each dated and sealed  
4-1649. B.D.

Plumet N. 78° 25' E.  
Pa. 12° 45' E.



- 430 Road to Pineson, trend N. easterly and S. westerly.
- 605 Road, bears N. W. easterly and S. Easterly, and descend.
- 1020 Stand with height above sea 80 ft N. of Pine.
- 1150 S.W. of ridge, trend N. easterly and S. westerly, and descend.
- 1370.8 Cor. No. 3. See the Aqueduct Co. & local of this survey.
- 1500 In cor. No. 1, the place of beginning.

Walter Dobb.

Beginning at Cor. No. 1.

Identical with S. E. cor. of the location and with Cor. No. 3 of the Aqueduct, cor. No. 3 of the same and cor. No. 4 of the Copper Hill local of this survey. I marked stone 2-1849 on S. W. face, returned.

The  $\frac{1}{2}$  cor. of ores 2 and 35, Nos 16 and 17, S. 10 12 E. & S. 10. 13. 7 N. trend N. 41° 55' E. 147.7 ft.

Miner S. 11° 55' E.

No. 15° 45' E.

800 East end center monument, identical with the location and with S. E. end center of the Copper Hill local of this survey.

800 No. Cor. No. 2.

Identical with S. E. cor. of the location and cor. No. 3 of the Copper Hill local of this survey. I marked stone 2-1849 on N. W. face.

Miner S. 5° 25' N.

No. 12° 45' E.

680 Dry wash, 20 ft wide, course N. Easterly.

700 Old road, bears N. Easterly and S. W. easterly.

700 Remnant of wall, 32 ft high, 12 ft high.

1066 Road to Pineson, trend N. easterly and S. westerly.

1344.5 Anterior line 3-4 Tulean local No. 3, survey No. 1573, at a point from which cor. No. 4 of the local trend N. 30° E. 263.8 ft.

1500 No. Cor. No. 3.

Identical with S. W. cor. of the location.

A limestone 24 x 10 x 8 in. set 12 in. in the ground, with ground of stone, chiseled 3-1849, when set.

A limestone rock (in place) 6 x 4 ft, 8 in. above ground, trend N. 20° 11, 17.5 ft. and a limestone rock 7 x 4 ft 6 in. above ground, trend S. 61° 10' 11, 13.9 ft, each chiseled 3-1849, 3-18.



Area

Plummet No. 11° 35' N.

Pa. 12° 45' E.

300 Foot and center monument, identical with the location which is a mound of stone 2 1/2 ft base, 2 ft high.

300.8 Plummet line 1-4, Tubercle line Pa. 3, Survey No. 1573, at a point line which is Pa. 4 of the local line 184° 30' E. 347.4 ft.

600 Pa. line No. 4.

Identical with the line of the location and Pa. 3 is the Plummet line of this survey. Plumb line 4-1849 on S.E. face.

Plummet No. 58° 25' E.

Pa. 12° 45' E.

1000 Pa. line No. 1, the place of beginning.

Rejoining Claims.

Squire Northman's claim survey on North side Little Mammeth Lake. unsurveyed

Squire No. 6 claim survey on East side Pine Lake. unsurveyed

James Knight, D. L. Childs et al claimants 10 acres, Ground Pine Pa. No. 2, and Ground Pine Pa. No. 1573

On the Mining Co. claimants Tubercle Pa. 1 and Tubercle Pa. 5

High School claimant along South side of Great Copper Hill and Milton Lake.

Black Pine and Cross Bridge American Copper Mining Co. claimant on North side Jupiter Lake. unsurveyed.

Squire No. 3 claimant claim survey on North side Carbonate Lake. unsurveyed

Area.

Little Mammeth Lake, containing 20.66 acres

Pine Lake, containing 20.66 "

Jupiter Lake, containing 20.66 "

Total area Daisy Lake 20.66 "

Area in conflict with claimed Plummet tonight line, unsurveyed 0.78 acres 0.78 "

Hub and Piggy Lake 20.66 "

Minnie Lake, containing 20.66 "

Carbonate Lake, containing 20.66 "

Spiny Six Lake, containing 18.055 "







Shaft No. 2, 4x4 ft, 150 ft deep, trend S 55° W, 486 ft  
Value \$ 600.00

Animal Beds.

From North end central monument. Discovery shaft No. 1  
4x5 ft, 10 ft deep, trend S. 11° 35' E. 50 ft. dist.  
Value \$ 50.00

From NW Shaft No. 2, 5x7 ft, 14 ft deep,  
trend S 16° E, 230 ft  
Value \$ 75.00

Shaft No. 3, 5x5 ft, 6 ft deep, trend S 21 1/2° E,  
206 ft dist  
Value \$ 25.00

Core No. 4, 4x4 ft, 60 ft long, trend S. 24° E,  
332 ft dist  
Value \$ 75.00

Shaft No. 5, 4x8 ft, 70 ft deep, trend S. 12 1/2° E,  
291 ft dist.  
Value \$ 200.00

Surprise Beds.

From South end central monument. Discovery  
Shaft No. 1, 4x4 ft, 20 ft deep, trend S. 11° 35' E,  
50 ft dist.  
Value \$ 50.00

Quarry Beds.

From North end central monument. Discovery  
Shaft 4x6 ft, 30 ft deep  
Value \$ 200.00

From North end central monument. Shaft No. 2  
4x6 ft, 10 ft deep, trend East 44 ft dist  
Value \$ 50.00

Prelim shaft No. 3, 4x6 ft, 30 ft deep, trend  
S. 40° W, trend E. 25 ft. This well is credited to development  
work of the Surprise beds.

Shaft No. 4, 20x10 ft, 8 ft deep, trend S 34 1/2° E,  
48 ft dist  
Value \$ 100.00

Shaft No. 5, 10x10 ft, 5 ft deep, trend S. 50° E,  
36 ft dist  
Value \$ 50.00

From NW No. 2.  
Shaft No. 6, (inclined) 5x6 ft, 20 ft long,  
trend N. 8 1/2° W, trend S 47 1/2° E, 117 ft.

This well is credited to the development of the  
Barot beds.  
Value \$ 1000.00

From NW No. 2 Barot bed. Shaft No. 7, 10x10 ft,  
4 ft deep, trend S. 76 3/4° E, 110 ft dist.  
Value \$ 25.00

Shaft No. 8, 4x6 ft, 3 ft deep, trend S 83 1/4° E.

805  
75  
1  
205



245

145 ft dist

Shaft No. 9 6x6 ft 5 ft deep, base S 29° E,  
105 ft dist

Value \$ 25.00

Value \$ 25.00

### Winnic Lake

From Santha area entered monument. Discovery  
shaft No. 1, 4x6 ft, 6 ft deep, base N. 11° 35' W,  
125 ft dist

Value \$ 300.00

Shaft No. 2, 4x6 ft 30 ft long, base N. 50° E,  
355 ft dist

Value \$ 100.00

Shaft No. 3, 7x7 ft, 50 ft long, base N. 20° W,  
200 ft dist

Value \$ 30.00

Shaft No. 4, 2x4 ft 6 ft deep, base N. 6° W, 50 ft  
dist

Value \$ 10.00

Shaft No. 5, 4x6 ft 50 ft deep, base N. 15° E, 160 ft  
dist

Value \$ 200.00

Shaft No. 6, 4x4 ft, 50 ft deep, base N. 16 1/2° E, 75 ft,  
dist

Value \$ 200.00

Shaft No. 7, 4x6 ft, 85 ft deep, base N. 16 1/2° E,  
365 ft dist

Value \$ 100.00

From area No. 1. Shaft No. 8, 6x8 ft, 8 ft deep,  
base S 8 1/2° W, 305 ft. dist.

Value \$ 20.00

From a point bearing N. 11° 35' E, 300 ft. dist

From area No. 3 Winnic Lake, incline shaft No. 9,  
average width 3 1/2 ft, 125 ft deep,  
base S. W., base N. 18° E, 125 ft dist

Value \$ 750.00

Shaft No. 10, 2x4 ft, 16 ft deep, base N. 20 1/2° E,  
150 ft. dist.

Value \$ 40.00

Main shaft No. 11, 5x5 ft, 320 ft deep, base N. 31 1/4° E,  
184 ft dist.

Value \$ 2500.00

Shaft No. 12, 5x7 ft, 5 ft deep, base N. 50 1/4° E,  
170 ft dist.

Value \$ 20.00

### Carbonate Rock

From E No. 4, discovery shaft No. 1, 4x5 ft, 6 ft deep,  
base S. 43° E, 364 ft dist

Value \$ 50.00

From area No. 21. Shaft No. 2, 4x4 ft, 6 ft deep, base  
N. 7 1/2° W, 103 ft dist.

Value \$ 25.00

Shaft No. 3, 4x6 ft 120 ft deep, base N. 85° W,  
300 ft dist.

Value \$ 25.00

Shaft No. 4, 4x6 ft, 100 ft long, course N. 45° W,  
at the 100 ft level of the main shaft of the



East

Primary beds is credited to the development of the  
Carbonate beds. Palmer \$100.00

### Ninety-Six beds

Discovering cut No. 1, 4 x 4 ft, 10 ft long, extending  
westward from W. end center monument. Palmer \$50.00

From Cor. No. 1 = Shaft No. 2, 6 x 8 ft,  
10 ft deep, trend S. 30° W, 125 ft dist. Palmer \$50.00

Shaft No. 3, 5 x 6 ft, 13 ft deep, trend S. 36° W, 97  
ft dist. Palmer \$50.00

Shaft No. 4, 5 x 8 ft, 10 ft deep, trend S. 14 3/4° W,  
100 ft dist. Palmer \$50.00

Prom. No. 5, 6 x 6 ft, 20 ft long, corner N. 40° W,  
trend S. 33 1/2° W, 355 ft dist. Palmer \$100.00

Shaft No. 6, 4 x 4 ft, 10 ft deep, trend S. 48 1/2° W,  
334 ft dist. Palmer \$50.00

Shaft No. 7, 4 x 5 ft, 6 ft deep, trend S. 49 1/2° W,  
200 ft dist. Palmer \$25.00

Shaft No. 8, 4 x 4 ft, 12 ft deep, trend S. 49° S.W.,  
460 ft dist. Palmer \$25.00

Shaft No. 9, 4 x 6 ft, 25 ft deep, trend S. 77° W,  
398 ft dist. Palmer \$100.00

From Cor. No. 3, Ninety-Six beds

Shaft No. 10, 4 x 6 ft, 20 ft deep, trend N. 75° E,  
600 ft Palmer \$75.00

### East beds

From W. end center monument. Discovering shaft  
No. 1, 4 x 5 ft, 10 ft deep, trend N. 75° 25' E, 15 ft dist, Palmer \$50.00

From Cor. No. 2. Shaft No. 2, 4 x 6 ft, 12 ft long,  
trend N. 88° E, 300 ft dist. Palmer \$50.00

Shaft No. 3, 4 x 6 ft, 4 ft deep, trend N. 74 1/2° W,  
103 ft dist. Palmer \$25.00

Shaft No. 4, 4 x 6 ft, 4 ft deep, trend N. 22° W,  
90 ft dist. Palmer \$25.00

Prom. S. end center Primary beds. Prom. No. 5,  
4 x 6 ft, 20 ft long, trend S. 77 1/2° W, 400 ft dist, Palmer \$100.00

From cor. No. 7, (East beds) Shaft No. 6, 4 x 2 ft,  
40 ft long, corner S. 80° W, <sup>S. end</sup> trend S. 4° W, 170 ft Palmer \$100.00



See

Drift No. 7. 4 x 6 ft, 100 ft long, at dist 100 ft  
 end of main shaft of Winnis Lake, is credited  
 to the development of the brook hole. Palmer \$ 6000

Winnis Lake

At Winnis and center monument. Discovery shaft No. 1,  
 4 x 6 ft, 10 ft deep, vents out extending N. 15 ft, Palmer \$ 5000

From center, shaft No. 2, 5 x 6 ft, 10 ft deep, bore  
 N. 52° W, 390 ft Palmer \$ 5000

Shaft No. 3, 6 x 6 ft, 35 ft deep, bore N. 84° 34' W,  
 400 ft dist. Palmer \$ 20000

Shaft No. 4, 12 x 12 ft, 12 ft deep, bore N. 52° 34' W,  
 400 ft dist, with drift at bottom, 30 ft long, course S. Palmer \$ 10000

Shaft No. 5, 4 x 8 ft, 10 ft long, bore N. 86° 11' W,  
 420 ft dist. Palmer \$ 5000

Shaft No. 6, 5 x 6 ft, 7 ft deep, bore N. 50° 14' W, 495  
 ft dist. Palmer \$ 2500

Shaft No. 7, 2 x 6 ft, 12 ft long, bore N. 33° W, 480  
 ft dist. Palmer \$ 2500

Shaft No. 8, extending 30 ft E, 30 ft W, and 15 ft  
 S, bore N. 81° W, 600 ft dist. Palmer \$ 10000

Shaft No. 9, 5 x 6 ft, 20 ft deep, bore N. 76° W, 550  
 ft dist. Palmer \$ 10000

Shaft No. 10, 4 x 6 ft, 10 ft long, bore N. 55° W, 520 ft  
 dist. Palmer \$ 5000

Shaft No. 11, 5 x 6 ft, 35 ft deep, bore N. 81° 1/2' W,  
 570 ft dist. Palmer \$ 10000

Shaft No. 12, 4 x 8 ft, 8 ft deep, bore N. 81° W, 580  
 ft dist. Palmer \$ 5000

Shaft No. 13, 4 x 8 ft, 10 ft long, bore S 83° W,  
 570 ft dist. Palmer \$ 5000

Winnis Lake

From Winnis No. 2, Discovery cut and tunnel.  
 No. 1, 5 x 6 ft, 100 ft long, course West, bore N 10 1/2' W, Palmer \$ 20000

Shaft No. 2, 3 x 6 ft, 3 ft deep, bore N. 81° W, 495  
 ft dist. Palmer \$ 1000

Shaft No. 3, 5 x 6 ft, 36 ft deep, bore N. 60° W, 330  
 ft dist. Palmer \$ 1000

Shaft No. 4, 4 x 8 ft, 10 ft deep, bore N. 49° W, 700



June

Cut No. 22, 4 x 12 ft, 15 ft long, board East 400 ft dist. Palms \$ 50.00

From Ore, No. 3, Curvate long shaft No. 23, 6 x 8 ft, 25 ft deep, board S 15 1/2° E, 220 ft dist. Palms \$ 50.00

Shaft No. 24, 6 x 8 ft, 10 ft deep, board S 20° E, 288 ft dist. Palms \$ 50.00

Shaft No. 25, 4 x 6 ft, 10 ft deep, pitblow and wind, board S 15° E, 150 ft Palms \$ 100.00

Jupiter No. 4. Ore.

From Ore, End center, Azurite discovery shaft and cut No. 1, 4 x 6 ft, 10 ft deep, board N 78° 25' E, 190 ft dist. Palms \$ 50.00

From Ore, Same area, Shaft No. 2, 6 x 6 ft, 20 ft deep, board N 71° E, 220 ft dist. Palms \$ 50.00

Shaft No. 3, 4 x 5 ft, 10 ft deep, board N 76° E, 225 ft dist. Palms \$ 100.00

Shaft No. 4, 4 x 5 ft, 10 ft deep, board N 76° E, 220 ft dist. Palms \$ 100.00

Jupiter Ore.

From Ore, end center, discovery shaft No. 1, 4 x 6 ft, 10 ft deep, board S 15° 25' E, 50 ft dist. Palms \$ 50.00

From Ore, This level shaft No. 2, 4 x 6 ft, 10 ft deep, board N 8 1/2° E, 209 ft dist. Palms \$ 50.00

From Ore, This level shaft No. 3, 4 x 6 ft, 15 ft deep, board East, board N 77° E, 950 ft dist. Palms \$ 400.00

Shaft No. 4, 4 x 6 ft, 5 ft deep, board S 77° E, 930 ft dist. Palms \$ 200.00

Millen Ore.

From Ore, end center, discovery shaft No. 1, 4 x 6 ft, 10 ft deep, board N 78° 25' E, 50 ft dist. Palms \$ 50.00

From Ore, No. 3, Shaft No. 2, 4 x 5 ft, 10 ft deep, board N 45° E, 114 ft dist. Palms \$ 50.00

Shaft No. 3, 4 x 10 ft, 25 ft deep, board N 12° E, 95 ft dist. Palms \$ 150.00

Shaft No. 4, 4 x 6 ft, 7 ft deep, board N 45° E, 13 ft dist. Palms \$ 50.00

Other Improvements.



See

ft dist. Value \$5.00  
 Shaft No. 5, 4 x 4 ft, 10 ft deep, bearing  $N. 80^{\circ} W.$ , 246 ft  
 dist. Value \$5.00  
 Shaft No. 6, 5 x 8 ft, 5 ft deep, bearing  $N. 72^{\circ} W.$ , 296 ft  
 dist. Value \$2.00  
 Shaft No. 7, 4 x 6 ft, 5 ft deep, bearing  $N. 73^{\circ} W.$ , 366 ft  
 dist. Value \$25.00  
 Incline shaft No. 8, 4 x 6 ft, 50 ft long, bearing  $N. 75^{\circ} W.$ ,  
 475 ft dist. Value \$40.00  
 Shaft No. 9, 4 x 6 ft, 10 ft deep, bearing  $N. 47\frac{1}{2}^{\circ} W.$ ,  
 570 ft dist. Value \$5.00  
 Shaft No. 10, 4 x 5 ft, 10 ft deep, bearing  $N. 47\frac{1}{2}^{\circ} W.$ ,  
 530 ft dist. Value \$100.00  
 Shaft No. 11, 4 x 6 ft, 100 ft deep, bearing  $S. 55^{\circ} W.$ ,  
 525 ft dist. Value \$600.00  
 Incline shaft No. 12, 10 x 10 ft, 60 ft deep, bearing  
 bearing  $N. 57\frac{1}{2}^{\circ} W.$ , 570 ft. Value \$500.00  
 The last 50 ft of this shaft is credited to improve-  
 ment of the Milton level. At the 300-ft level a drift  
 will be run toward the Milton to top and below of  
 the same. Value of last 50 ft \$450.00  
 Shaft No. 13, 4 x 5 ft, 6 ft deep  
 bearing  $S. 55^{\circ} E.$ , 100 ft dist. Value \$25.00  
 Tunnel No. 14, 4 x 6 ft, 60 ft long, course  $N. E.$ ,  
 bearing  $S. 55^{\circ} E.$ , 95 ft dist. Value \$350.00  
 This work is credited to improvement of quartz  
 No. 4 level.  
 Shaft No. 15, 4 x 6 ft, 20 ft deep, bearing  $S. 57\frac{1}{2}^{\circ} E.$ ,  
 130 ft dist. Value \$100.00  
 Tunnel, 5 x 6 ft, 150 ft long, course  $E.$ , bearing  $S. 60^{\circ} E.$ ,  
 130 ft dist. Value \$800.00  
 Shaft No. 17, 6 x 8 ft, 3 ft deep, bearing  $N. 88^{\circ} E.$ ,  
 310 ft dist. Value \$25.00  
 Shaft No. 18, 20 x 20 ft, 10 ft deep, bearing  $N. 55^{\circ} E.$ ,  
 315 ft dist. Value \$100.00  
 Shaft No. 19, 4 x 5 ft, 5 ft deep, bearing  $N. 58\frac{1}{2}^{\circ} E.$ , 340  
 ft dist. Value \$25.00  
 Shaft No. 20, 3 x 3 ft, 15 ft <sup>long</sup>, bearing  $N. 81^{\circ} E.$ , 350 ft  
 dist. Value \$25.00  
 Shaft No. 21, 5 x 5 ft, 10 ft deep, bearing  $N. 89^{\circ} E.$ , 350 ft  
 dist. Value \$50.00



Sect.

From N. end central monument of Jupiter Lodge, N.E. cor  
of office, which is a frame house 16x20 ft, bears S 32° W,  
41 ft.

N.W. cor of assay office, 11x18 ft, bears S 31° W, 354 ft.

N.W. cor of store, 16x20 ft, bears S 20° W, 206 ft.

Tracing, bears S 11° 35' E, 70 ft dist.

From a point, N. 11° 35' W, 320 ft dist, from the N.E. cor  
of "Dinnel" Lodge, against house bears N. 45° E, 169  
ft.

Office (frame building), 12x16 ft, bears from cor.

No. 3 of "Dinnel" Lodge N. 20° E, 298 ft.

N. E. cor of smaller (6 tons) bears from No. 3  
of "Dinnel" Lodge N. 47° E, 329 ft.

From cor No. 1 of the Jupiter Lodge, a stone  
house, 12x16 ft, bears S. 10 1/2° W, 133 ft.

### Instrument.

This survey was made with a Hanning & Sons light mountain  
transit. Our errors were corrected from the times indicated  
by direct polar observations. The distances were measured  
with 50 ft and 100 ft steel tapes.

Philip Coulter

U. S. Deputy Mineral Surveyor.



# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Philip C. Custer  
 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 Albert Steinfeld  
 known as the Little Mammoth Mine, Sulphur, Daisy Mine, Carbonate  
Point, Lead, Lead, Copper Hill, Bams, Granite Hill  
Jasper and others  
 and showing the respective capacities in which they acted.

- Jonathan B. Stevenson, Chairman.
- Charles M. Payne, Chairman.
- Arnold Peratta, Axman.
- Arnold Peratta, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, Jonathan B. Stevenson, Charles M. Payne  
 and Arnold Peratta, do solemnly swear that we assisted Philip C. Custer  
C. Custer, United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of Albert Steinfeld

known as the Little Mammoth  
Mine, Sulphur, Daisy, Mine, Carbonate Point, Lead, Copper  
Hill, Bams, Granite Hill, Jasper and others, 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

- Jonathan B. Stevenson, Chairman.
- Charles M. Payne, Chairman.
- Arnold Peratta, Axman.
- Arnold Peratta, Flagman.

Subscribed and sworn to by the above-named persons before me  
 this 15th day of April, 1902

Charley O. Rouse  
 Notary Public Pima  
 County Arizona



(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Philip Contzen, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated March 27<sup>th</sup> 1902, 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 Albert Steinfeld, known as the Little Mannmoth, Aimee Surprise, Daisy, Winnie, Carbonate, Ninety-Six Crest, Copper Hill, Banes, Azurite No. 4, Jupiter No. 2 of Milton situate in San Xavier or Pima Mining District, Pima County, Arizona in Section 5 1-2-35 2/36, Townships No. 16 2/3 N, Range No. 12 E and designated as Survey No. 1649, 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.

Philip Contzen  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Philip Contzen  
U. S. Deputy Mineral Surveyor, before me Charley O. Rowse  
A. Notary Public in and for Pima County this 28<sup>th</sup>  
day of April, 1902.

Charley O. Rowse  
Notary Public, Pima County  
Arizona Territory.



Affidavit of Five Hundred Dollars Improvements.

We, W. M. Roberts, and Howard E. Baues

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the Little Mammoth, Amos Surprise, Daisy, Winnie, Carbonate, Link etc. Crest, Copper Hill, Baues, Guide Post, Jupiter and Bull's mining claim, situate

in San Xavier or Pima Mining district, Pima County, Arizona Territory, for which Albert Steinfeld

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 applicants and his grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

W. M. Roberts  
Howard E. Baues

TERRITORY OF ARIZONA, }  
County of Pima } ss:

Sworn to and subscribed before me, this 28th day of April, 1892

Charley O. Rouse  
Notary Public Pima County  
Arizona Territory.



## A I M E E M I N E .

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

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

This claim is about one mile northeast Helmet Peak; the west side line runs parallel with & adjoins the east side line of the Winnie, and shall be known as the Aimee Mine.

Located June 7th, 1892.

Howard E. Baner

Thomas Hughes.

Filed and recorded at request of Thos. Hughes June 21st, A.T. 1892, at 4 P.M.,

Chas. A. Shibell, County Recorder.

I hereby certify that the foregoing is a full, true and correct copy of the Location Notice of the Aimee Mining Claim, as the same appears of record in Book CC, at Page 590, Records of Mines of Pima County, Arizona.

*Chas. A. Shibell*

County Recorder





## D A I S Y M I N E .

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

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

This claim is about  $3/4$  of a mile northeast from Helmet Peak, about  $1\ 1/2$  miles from the buildings on the San Xavier in a north-east direction; the north end line runs parallel with and adjoins the south end line of the Winnie, and the southerly end of the claim lies east of the east end of the Messersmith, formerly known as the Bunker Hill, and shall be known as the Daisy Mine.

Located June 7th, 1892.

Howard E. Baner

Thomas Hughes.

Filed and recorded at request of Thos. Hughes June 21st, 1892, at 4 P.M.,

Chas. A. Shibell, County Recorder.

I hereby certify that the foregoing is a full, true and correct copy of the Location Notice of the Daisy Mining Claim, as the same appears of record in Book 60, at Page 592, Records of Mines of Pima County, Arizona.

*Chas. A. Shibell*  
County Recorder.



## W I N N I E M I N E .

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

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

This claim is about three-fourths of a mile northeast of Helmet Peak and about one & one-half miles northeast of the buildings of the Santa Rita Land and Mining Co. on what is known as the San Xavier Mine, and about 9 miles southwest of the San Xavier Mission, and shall be known as the Winnie mine.

Located June 6th, 1892.

Howard R. Banes

Thomas Hughes.

Filed and recorded at request of Thos. Hughes June 21st, A.D. 1892, at 4 P.M.,

Chas. A. Shibell, County Recorder.

I hereby certify that the foregoing is a full, true and correct copy of the Location Notice of the Winnie Mining Claim, as the same appears of record in Book CC, at Page 590, Records of Mines of Pima County, Arizona.

*Chas. A. Shibell*  
County Recorder.

## C A R B O N A T E   M I N I N G   C L A I M .

NOTICE OF LOCATION, QUARTZ CLAIM.    to all whom it may concern this mining claim the name of which is the Carbonate Mining Claim situated 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 Howard E. Dames and Thos. Hughes, the undersigned, on the first day of January 1896, the length of the claim is fifteen hundred feet and we claim three hundred feet on each side of the discovery shaft, at which this notice is posted lengthwise of the claim, the general course of the lode deposits and premises is from the east to the west the claim is situated and located in Pima Mining District, Pima County in the Territory of Arizona about one and one-half miles in northerly direction from Pelmet peake and runs across Mineral Hill from east to west the surface boundaries of the claim are marked upon the ground as follows, beginning at this monument of stones thence to a monument of stones at a point a N. easterly direction one hundred feet from the discovery shaft at which this notice is posted, being in the center of the easterly end line of said claim; thence northerly 300 feet to a monument of stones, being the northeast corner of said claim; thence westerly 750 to a monument of stones at the center of the northerly side line of said claim; thence westerly 750 to a monument of stones being at the northwest corner of said claim; thence southerly 300 feet to a monument of stones at the center of the westerly end of said claim; thence southerly 300 feet to a monument of stones being at the S.W. corner of said claim; thence easterly 750 feet to a monument of stones being at the center of the southerly side line of said claim; thence easterly 750 feet to a monument of stones at the southeasterly corner of said claim; thence westerly 300 feet to the place of beginning, all don under the provisions of Chapter six Title XXXII of the revised statutes of the United States, and of an act of the General Assembly of Arizona



entitled An Act Concerning Mines approved March 20th, 1895. Dated  
and posted on the ground this the first day of January, 1896.

Witness to location,

Howard E. Jones,

Chas. L. Davis.

Thos. Hughes.

Filed and recorded at request of Thomas Hughes, March 28th, 1896, at  
10:40 A.M.

Chas. A. Shibell, County Recorder.

I hereby certify that the foregoing is a full, true and  
correct copy of the Location Notice of the Carbonate Mining Claim,  
as the same appears of record in Book FR, at Page 216, Records of  
Mines of Pima County, Arizona.

*Chas. A. Shibell*

County Recorder

N I N E T Y   S I X   M I N I N G   C L A I M .

NOTICE OF LOCATION, QUARTZ CLAIM.    to all whom it may concern this mining claim the name of which is the Ninety Six Mining Claim situated 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 Howard E. Panes and Thos. Hughes, the undersigned, on the first day of January 1896, the length of the claim is fifteen hundred feet and we claim three hundred feet on each side of the discovery shaft, at which this notice is posted lengthwise of the claim, the general course of the lode deposits and premises is from the east to the west the claim is situated and located in Pima Mining District, Pima County in the Territory of Arizona about one and one-half miles in a northerly direction from Helmet Peak and runs across Mineral Hill from east to west the surface boundaries of the claim are marked upon the ground as follows, beginning at this monument of stones thence to a monument of stones at a point in a N. Easterly direction fifty feet from the discovery shaft at which this notice is posted being in the center of the easterly end line of said claim; thence northerly three hundred feet to a monument of stones being the northeast corner of said claim; thence westerly seven hundred and fifty feet to a monument of stones at the center of the northerly side line of said claim; thence westerly seven hundred and fifty feet to a monument of stones being at the northwest corner of said claim; thence southerly three hundred feet to a monument of stones at the center of the westerly end of said claim; thence southerly three hundred feet to a monument of stones being at the S.W. corner of said claim; thence easterly seven hundred and fifty feet to a monument being at the center of the southerly side line of said claim; thence easterly seven hundred and fifty feet to a monument of stones at the southeasterly corner of said claim; thence northerly three hundred feet to the place of beginning, all don 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. Dated and posted on the ground this first day of January, 1896.

Witness to location,

Edward E. Jones,

Chas. L. Davis.

Thos. Hughes.

Filed and recorded at request of Thomas Hughes, March 28th, 1896, at 10:40 A.M.

Chas. A. Shibell, County Recorder.

I hereby certify that the foregoing is a full, true and correct copy of the Location Notice of the Ninety Six Mining Claim, as the same appears of record in Book FF, at Pages 216-217, Records of Mines of Pima County, Arizona.

*Chas. A. Shibell*

County Recorder

C R E S T M I N E .

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

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

This claim is located across the summit of Mineral Hill, the easterly end line adjoins the westerly side line of the Daisy, and the northerly side line adjoins the southerly end line of the Bismarck, and shall be known as the Crest Mine.

Located June 23d, 1895.

Witness to location,  
Arthur C. Simkins.

Howard E. Bains,  
Thomas Hughes.

Filed and recorded at request of Thomas Hughes, Aug. 22nd, A.D. 1895, at 3 P.M.

Chas. A. Shibell, County Recorder.

I hereby certify that the foregoing is a full, true and correct copy of the Location Notice of the Crest Mining Claim, as the same appears of record in Book EE, at Page 558, Records of Mines of Pima County, Arizona.

*Chas. A. Shibell*



C R E S T M I N E .

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

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

This claim is located across the summit of Mineral Hill, the easterly end line adjoins the westerly side line of the Jaisy, and the northerly side line adjoins the southerly end line of the Bismarck, and shall be known as the Crest Mine.

Located June 23d, 1895.

Witness to location,  
Arthur C. Simkins.

Howard E. Bains,  
Thomas Hughes.

Filed and recorded at request of Thomas Hughes, Aug. 22nd, A.D. 1895, at 3 P.M.

Chas. A. Shibell, County Recorder.

I hereby certify that the foregoing is a full, true and correct copy of the Location Notice of the Crest Mining Claim, as the same appears of record in Book 55, at Page 558, Records of Mines of Pima County, Arizona.

*Chas. A. Shibell*

C O P P E R H I L L M I N E .

LOCATION NOTICE. Notice is hereby given that the undersigned, in compliance with the requirements of the Mining Act of Congress, approved May 10, 1872, has this day located and claimed 1500 hundred linear feet along the course of this lead, lode or vein of mineral-bearing quartz and 600 feet in width on each side of the middle of said lead, lode or vein, situate in the Pima Mining District, County of Pima, Arizona, and more particularly described as follows, to-wit:

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

This claim is situated about 3/4 of a mile North of Helmet Peak and runs parallel with and adjoins the Banes Mining Claim the south side line of the Banes being the north side line of this claim. First located in 1891, and has since been known as the Stella Mining Claim. This is a relocation and shall be known as the Copper Hill Mine.

Located January 1st, 1893.

Witnessed location, I. A. Shedd.  
Howard E. Banes.

Filed and recorded at request of I. A. Shedd, January 3d, A.D. 1893, at 3 P.M.

Chas. A. Shibell, County Recorder.

I hereby certify that the foregoing is a full, true and correct copy of the Location Notice of the Copper Hill Mining Claim, as the same appears of record in Book 66, at Page 753, Records of Mines of Pima County, Arizona.

*Chas. A. Shibell*  
County Recorder.



B A N E S M I N E .

LOCATION NOTICE. Notice is hereby given that the undersigned, in compliance with the requirements of the Mining Act of Congress, approved May 10, 1872, has this day located and claimed 1500 linear feet along the course of this lead, lode or vein of mineral-bearing quartz and 600 feet in width on each side of the middle of said lead, lode or vein, situate in the Pima Mining District, County of Pima, Arizona, and more particularly described as follows, to-wit:

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

This claim is situated about one mile N. E. of the boarding house of the Santa Rita Land & Mining Co. and east of the road from Tucson to Olive Camp and adjoins the Jupiter Mining Claim on the east, the east end of the Jupiter being the western end of this claim. First located in 1888, and has since been known as the Banes mining claim. This is a relocation, and shall be known as the Banes Mine.

Located January 1st, 1893.

Witnessed location  
Howard E. Banes.

I. A. Shedd.

Filed and recorded at request of I. A. Shedd January 3d, A.F. 1893,  
at 3 P.M.

Chas. A. Shibell, County Recorder.

I hereby certify that the foregoing is a full, true and correct copy of the Location Notice of the Banes Mining Claim, as the same appears of record in Book 22, at Page 752, Records of Mines of Pima County, Arizona.

*Chas. A. Shibell*  
County Recorder.



NOTICE OF MINING LOCATION.

QUARTZ CLAIM.

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the Azurite No. 4 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 J. N. Curtis, the undersigned, on the first day of January, 1901.

The length of this claim is 1500 feet and I claim 192 feet in a westerly direction and 1308 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 Easterly and Westerly.

The claim is situated and located in the Pima Mining District, in Pima County, in the Territory of Arizona, about 1700 feet in a westerly direction from the Azurite Copper & Gold Mining CO's Smelter.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones at a point in a westerly direction 192 feet from the discovery shaft (at which this notice is posted), being in the center of the westerly end line of said claim; thence southerly 300 feet to a monument of stones, being the southwest corner of said claim; thence Easterly 750 feet to a monument of stones at the center of the southerly side line of said claim; thence Easterly 750 feet to a monument of stones, being at the southeasterly corner of said claim; thence northerly 300 feet to a monument of stones the center of the Easterly end of said claim; thence northerly 300 feet to a monument of stones, being at the northeast corner of said claim; thence westerly 750 feet to a monument of stones, being at the center of the northerly side line of said claim; thence Westerly 750 feet to a monument of stones at the northwesterly corner of said claim; thence southerly 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 2nd, 1899.

Dated and posted on the ground this first day of January, 1901.

J. N. Curtis.

Witness,

W. M. Roberts.

Filed and recorded at request of S. M. Franklin, Mch. 18, 1901, at 4 P.M.  
Chas. A. Shibell, County Recorder.

I hereby certify that the foregoing is a full, true and correct copy of the Location Notice of the Azurite No. 4 Mining Claim, as the same appears of record in Book HH, Records of Mines, at page 405, in the Office of the County Recorder of Pima County, Arizona Territory.

*Chas. A. Shibell*  
-----  
County Recorder.

Dated, Tucson, Arizona, April 11th, 1902.

M I L T O N M I N E .

LOCATION NOTICE. Notice is hereby given that the undersigned, in compliance with the requirements of the Mining Act of Congress, approved May 10, 1872, has this day located and claimed 1500 hundred linear feet along the course of this lead, lode or vein of mineral-bearing quartz and 600 feet in width on each side of the middle of said lead, lode or vein, situate in the Pima Mining District, County of Pima, Arizona, and more particularly described as follows, to-wit:

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

This claim is situated about 3/4 mile north of the San Xavier mine and lies directly across the main travelled road between Olive Camp and Tucson. First located in 1891, and since been known as the Wincaid Mining Claim. This is a relocation and shall be known as the Milton Mine.

Located January 1st, 1893.

Witnessed location,

I. A. Shedd.

Howard E. Banes.

Piled and recorded at request of I. A. Shedd, Jany 3d, A.D. 1893, at 3 P.M.

Chas. A. Shibell, County Recorder.

I hereby certify that the foregoing is a full, true and correct copy of the Location Notice of the Milton Mining Claim, as the same appears of record in Book CC, at Page 750, Records of Mines of Pima County, Arizona.

*Chas. A. Shibell*

County Recorder.



J U P I T E R M I N E .

LOCATION NOTICE. Notice is hereby given that the undersigned, in compliance with the requirements of the Mining Act of Congress, approved May 10, 1872, has this day located and claimed 1500 hundred linear feet along the course of this lead, lode or vein of mineral-bearing quartz and 600 feet in width on each side of the middle of said lead, lode or vein, situate in the Pima Mining District, County of Pima, Arizona, and more particularly described as follows, to-wit:

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

This claim is situated about one mile N.E. of the boarding house of the Santa Rita Land and Mining Co. and located directly across the road from Tucson to Olive Camp and adjoins the Baner Mining Claim, the easterly end being the westerly end of the Baner. First located 1888 and has since been known as the Jupiter Mining Claim. This is a relocation and shall still be known as the Jupiter Mine.

Located January 1st, 1893.

Witnessed to location,

I. A. Shedd.

Howard E. Baner.

Filed and recorded at request of I. A. Shedd January 3d, A.D. 1893, at 3 P.M.

Chas. A. Shibell, County Recorder.

I hereby certify that the foregoing is a full, true and correct copy of the Location Notice of the Jupiter Mining Claim, as the same appears of record in Book CC, at Page 751, Records of Mines of Pima County, Arizona.

*Chas. A. Shibell*

# 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*  
*July 30<sup>th</sup>*, 1902

I, U. S. Surveyor General for *the District of Arizona*

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

*Little Mammoth, Time, Surprise, Daisy, Winne, Carbonate, Thirty-six, East, Copper Hill, Banes, Azomite No. 11, Jupiter & Milton,* known as the  
situate in *San Xavier or Pima* mining district,

*Pima* County, *Arizona*

in Sections *1-2-35-36*, Township No. *16-17*, Range No. *12 East*

, designated as Survey No. *1649*

executed by *Philip Boutzen*, U. S. Deputy Mineral

Surveyor, *April 8 & 15*, 1902, under my instructions dated

*March 27*, 1902, have been critically examined and the

necessary corrections and explanations made, and the said Field Notes and Return, and

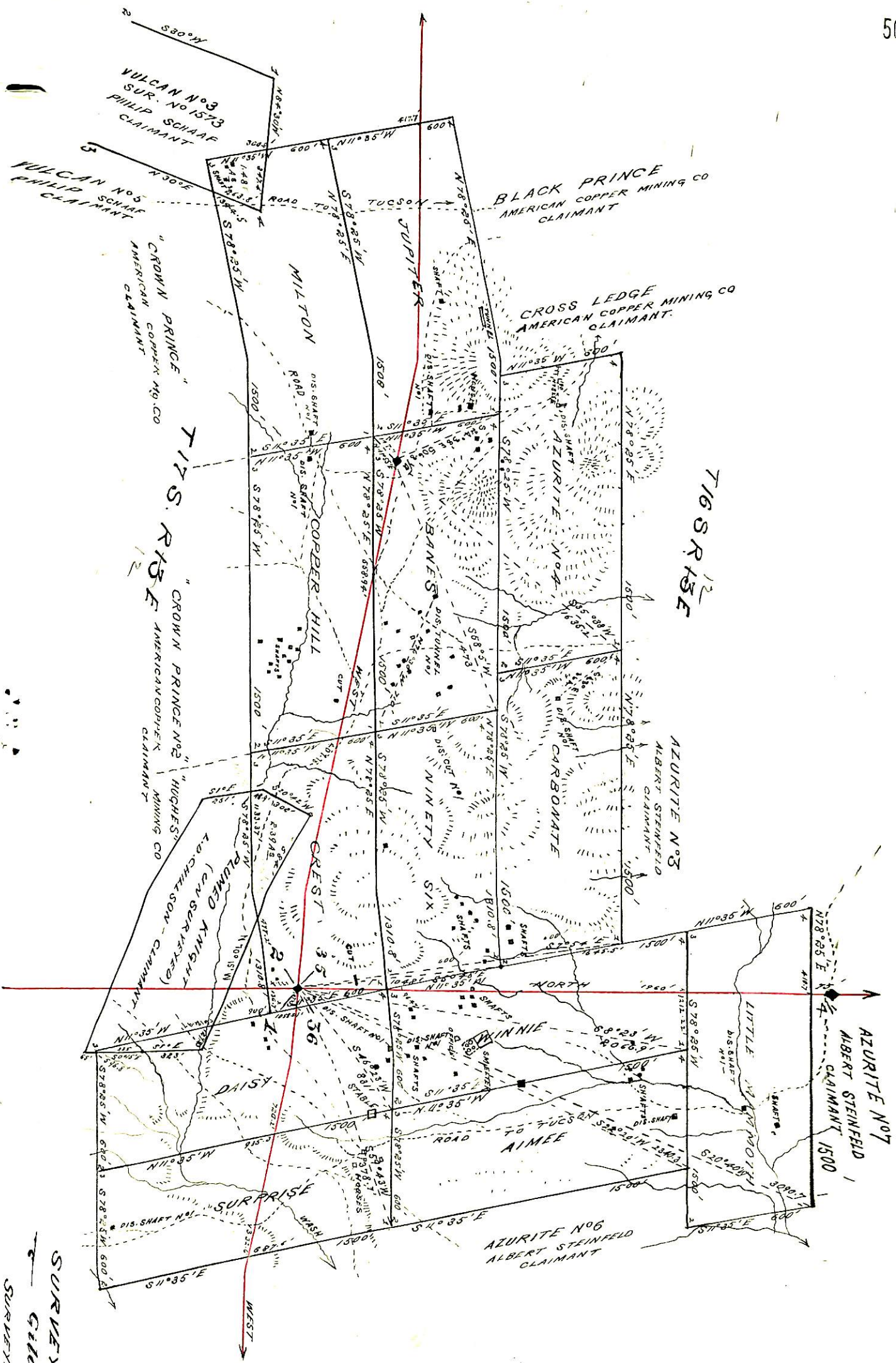
the Survey they describe, are hereby approved. A true copy of the copy of the location

certificate filed by the applicant for survey is included in the field notes.

*Hugh H. Price*

U. S. Surveyor General for *Arizona*





TIG SPRING

SURVEY No. 1649

Gila Land District

SURVEYED APRIL 6-1902

By *W. S. DeP.*

U. S. DEPT. SURVEYOR