

MS -

0

1

3

8

8

MINERAL SURVEY 1388 A & B

Lode Claim	M & B Desc.	Imps.	Loc.	1 Mill Site	
				M & B.	Loc. Not.
American	27	92	18	72	44
A.O.T.	59	103	37		
Back Bone	24	90	7		
Black Hawk	16	88	14		
Black Horse	50	100	26		
Boston	1	84	24	69	43
Brunswick	56	103	9		
Buzzard	31	93	31		
Chance	18	88	16		
Copper Fend	53	101	13		
Copper World	48	99	8		
Dan	8	85	35	76	48
Elgin	4	85	22	70	42
Exchange	44	97	3		
Exchange No. 2	42	97	11-12		
Flying Dutchman	41	97	5		
General	6	85	33		
Grizzly	34	95	27		
Hattie	11	86	17		
Heavy Weight	29	93	6	79	50
Indian Club	61	104	38		
Isle Royale	62	105	36		
Leader	45	98	4		
Light Weight	32	94	30		
Little Dave	54	102	40		
New Mexico	35	95	29		
Old Dick	25	91	1	74	46
Owosko	51	100	15		
Pilot	57	103	41		
Recorder	19	89	20	71	45
Silver Spur	21	89	21		
Slide	22	90	34		
Tally Ho	47	99	2		
Telemeter	15	87	32		
Telephone	3	84	19	75	47
Vulture	64	105	28		
Water Wish	37	96	25		
Wedge	10	86	23	78	49
West End	13	87	10		
Wisconsin	39	96	39		

(4-683.)

Mineral Survey No. 1388 A & B.

Lot No. _____

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

the Helvetic Copper Company, known as the Brunswick-West End-Old Dick-Jolly Ho-Exchange-Leader-Flying Dutchman-Heavy Weight-Black Horse-Copper World-Exchange No. 2-Copper Fend-Owosko-Black Horse-Chance-Hattie-American-Telephone-Recorder-Silver Spur-Elqui-Wedge-Boston-Water Wash-Black Horse-Grizzly-Kulture-New Mexico-Light Weight-Buzzard-Telemeter-General-Slide-Dan-Isle Royale-A. O. T. Indian Club-Wisconsin-Little Dave and Pilot Lode Claims and Heavy Weight-Wedge-Dan-Telephone-Old Dick-Recorder-American-Boston and Elqui

402
9 m 3.

mill site claims located in Helvetia Mining District,

Pima County, Arizona

Section _____, Township 18 South, Range 15 E. Unsurveyed

Surveyed under instructions dated July 17th, 1899,

by George Proskuge
U. S. Deputy Mineral Surveyor

address of Claimant's Attorney, Tucson, Arizona.

Claim located _____

Survey commenced July 18th, 1899.

Survey completed October 2nd, 1899.

Lode Claims	Recorder located	Indian Club located
Brunswick located Jan 1. 1893	Aug 11. 1897	May 20. 1899
West End " Jan 1. 1893	Silver Spur " Aug 16. 1897	Wisconsin " Apr. 18. 1899
Old Dick " Jan 1 st . 1893	Elqui " Oct 11. 1897	Little Dave " Apr. 18. 1899
Jolly Ho " Jan 1. 1893	Wedge located June 19. 1899	Pilot " Apr. 18. 1899
Exchange " Jan 1. 1893	Wedge amended June 19. 1899	
Leader " Jan 1. 1893	Boston located May 27. 1898	mill sites
Flying Dutchman " Jan 1. 1893	Boston amended June 19. 1899	Heavy Weight located Jan 1. 1899
Heavy Weight " Jan 1. 1893	Water Wash located Oct. 2. 1898	Heavy Weight amended
Black Horse " Jan 1. 1893	Water Wash amended June 19. 1899	Wedge located
Copper World " Jan 1. 1893	Black Horse located Nov 15. 1898	Dan located
Exchange No. 2 " Jan 1. 1893	Black Horse amended June 19. 1899	Telephone
Copper Fend located Nov 12. 1894	Grizzly located Jan 1. 1899	Old Dick
Owosko " Nov 12. 1894	Kulture " Feb 22. 1899	Recorder
Black Hawk " June 10. 1895	New Mexico " Mar 1. 1899	American
Chance " Oct. 2. 1895	Light Weight " Mar 15. 1899	Boston
Hattie " Jan 2. 1896	Buzzard " Mar 15. 1899	Elqui
Hattie amended June 19. 1899	Telemeter " Mar 15. 1899	
American located Mar 28. 1896	General " Mar 15. 1899	
Telephone " Dec. 26. 1896	Slide " Mar 15. 1899	
Telephone amended June 19. 1899	Dan " Mar 15. 1899	
	Isle Royale " Mar 20. 1899	
	A. O. T. " Mar 20. 1899	

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.

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

We, S. Oscar H. Cox and _____

do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain upon even and uneyen 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 ^{my} skill and ability, and in accordance with instructions given ^{me} us, in the survey of

the Mining Claims of the Helvetia Copper Company, known as the Brunswick West End, Old Dick, Tally Ho, Exchange, Leader, Flying Dutchman, Heavy Weight, Backbone, Copper World, Exchange No. 2, Copper Bend, Quasho, Black Hawk, Chance, Hattie, American Telephone, Recorder, Silver Spur, Elgin, Hedge, Boston, Water Wash, Black Horse, Grizzly, Culture, New Mexico, Light Weight, Buzzard, Selemeter, General, Slide, San, Isle Royale, A.O.S., Indian Club, Wisconsin, Little Fair, and Pilot Lode Claims and Heavy Weight, Hedge, San, Telephone, Old Dick, Recorder, American, Boston and Elgin mill site Claims, situate in Helvetia Mining District, Pima County, Arizona.

in Section _____, Township No. 18 South, Range No. 15 East (unsurveyed).

Oscar H. Cox, Chainman.

_____, Observerman.

Subscribed and sworn to by the above-named persons before me this 18th day of July, 1899.

George J. Roskruge
a Notary Public

my Commission expires Feb. 16, 1903.

I, Will J. Finley and Flagman, 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 the Helvetia Copper Company, known as the Brunswick West End, Old Dick, Tally Ho, Exchange, Leader, Flying Dutchman, Heavy Weight, Backbone, Copper World, Exchange No. 2, Copper Bend, Quasho, Black Hawk, Chance, Hattie, American Telephone, Recorder, Silver Spur, Elgin, Hedge, Boston, Water Wash, Black Horse, Grizzly, Culture, New Mexico, Light Weight, Buzzard, Selemeter, General, Slide, San, Isle Royale, A.O.S., Indian Club, Wisconsin, Little Fair, and Pilot Lode Claims and Heavy Weight, Hedge, San, Telephone, Old Dick, Recorder, American, Boston and Elgin mill site Claims more fully described in the preceding affidavit.

Will J. Finley Axeman & Flagman.

Subscribed and sworn to by the said Will J. Finley before me this 18th day of July, 1899.

George J. Roskruge
a Notary Public

my Commission expires Feb. 16, 1903.

I, _____, 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 _____

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

_____, Flagman.

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

(1)

Feet.

SURVEY No.1388 A.

BOSTON LODE.

Beginning at Cor.No.1.

A Red Wood post,4 feet long,4 ins,square,set 18 ins,
in the ground,in mound of stone,scribed,1-1388A.whence
U.S.L.M.No.1.bears S.81°33' E.7208 feet.

Shaft No,3.of the Telephone lode of this survey,bears
N.44°15' E.340 feet.

Cor.No.1.Sur.No.1388 B.Boston Mill site bears S.31°30' E
254.7.feet.

Thence S.75° W.

Over rolling land.

215.2. Intersect line 2-3 Telephone lode of this survey.

300. To post in mound of stone,scribed B.S.Ct.

320.Right bank of wash 50 feet wide flows N.85 W.

600. To Cor.No.2.

A Red wood post,4 feet long,4 ins,square,set 18 ins.
in the ground,in mound of stone,scribed 2-1388 A.
No bearings available.

Thence N.36°10' W.

Over rolling land.

60. Wash 20 feet wide flows N.W.

570 Road bears N.and S.

640. Wash 12 feet wide flows West.

660. Ravine 6 feet wide flows West and commence ascent of
Southerly slope of Hill.

668.5 Post in mound of stone scribed B.W.S.Ct.

1337. To Cor.No.3.

On line 2-3 Sur.No.1305 South End lode,The Rosemont
Copper Co.Claimant,at N.75° E.141.6 feet from Cor.No.3.

A Red wood post,4 feet long,4 ins,square,set 18 ins
in the ground,in mound of stone,scribed,3-1388 A.whence

Feet. Cor.No.3.Sur.No.1305 South End lode bears S.75°W.141.
5 feet.no other bearings available.

Thence N.75° E.

Ascending Westerly slope of hill and along line 3-1
Sur.No.1305 South End lode.

158.4 Cor.No.2.Sur.No.1305 South End lode

175. Ridge bears N.15°W.and S.15°E.and descend over Easter
-ly slope of hill.

300. Post in mound of stone scribed B.N.Ct.

458.4 Cor.No.1.Sur.No.1305 South End lode.

460. Ravine 4 feet wide flows South.

573.8. Intersect line 5-4 Sur.No.1305 Monitor lode,The Rose-
mont Copper Co.Claimant,at N.31°W.158.8 feet from Cor,
No.3.

600. To Cor.No.4.

A Red wood post.4 feet long.4 ins square,set 18 ins
in the ground,in mound of stone,scribed,4-1388 A.whence
Cor.No.3.Sur.No.1305 Monitor lode bears S.21°30' E.
153.9 feet.

Cor.No.1.Sur.No.1305 South End lode bears S.75°W.141.
6 feet.

Thence S.36°10' E.

descending southerly slope of hill over rolling land.

152.5 Intersect line 3-2 sur.No.1305 Monitor lode,at N.59°E
39.1 feet from Cor.No,3.

668.5 Post in mound of stone scribed B.E.S.Ct.

917. Road bears N.E. and S.W.

970.7. Intersect line 3-2 Telephone lode of this survey.

977. Right bank of wash 50 feet wide flows N.70°W.

1015. Road bears E and W.

1337. To Cor.No.1.the place of beginning.

(3)

Feet.

TELEPHONE LODGE.

Beginning at Cor.No.1.

Identical with Cor.No.4 Dan Mill site of this survey,
A Red wood post, 4 feet long, 4 ins square, set 18 ins.
in the ground, with mound of stones, scribed 1-1388 A.
4-1388 B. whence

U.S.L.M.No.1. bears S. 80° 35' E. 5913 feet.

Cor.No.1. Sur, No.1388 Telephone Mill site bears S. 29° W.
387 feet.

No other bearings available.

 Thence S. 88° 36' W.

over rolling land and along line 4-3 Dan Millsite of
this survey.

82.6. Iron pipe line bears S. 20° E. and N. 20° W.

195.6. Cor.No.3-3-1388 B. Dan and Telephone Mill sites of this
Survey. along line 3-2 Telephone Mill site.

750. Post in mound of stone scribed T.S.S.Ct.

1500. To Cor.No.2.

Identical with Cor.No.2. Telephone Mill site and Cor.
No.4. Boston Millsite, both of this survey,

A Red wood post, 4 feet long, 4 ins square, set 18 ins
in the ground, in mound of stone. scribed, 2-1388 A. and
2-4-1388 B.

 Thence N. 1° 24' W.

Over rolling land.

82.9 Intersect line 1-2 Boston lode of this survey.

300. Post in mound of stone scribed T.W.Ct.

320. Road bears S. 80° W. and N. 80° E.

360. Left bank of wash 50 feet wide flows N. 70° W.

427.6 Intersect line 1-4 Boston lode of this survey.

450. Road bears N.W. and S.E.

600. To Cor.No.5.

(4)

Feet.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins in the ground, with mound of stone, scribed 3-1388 A.
no bearings available.

Thence N. 88° 36' E.

Over rolling land.

5515. Intersect line 2-3 Elgin lode of this survey.
720. Ravine 10 feet wide flows S. 70° W.
750. Post in mound of stone, scribed T.N.S.Ct.
958.5 Intersect line 2-1 Elgin lode and line 2-3 Dan lode, both of this survey, at a post marked D.W.Ct.
1297. Ravine 15 feet wide flows S. 80° W.
1312. Iron pipe line bears N. 15° E and S. 15° W.
1500. To Cor.No.4.
A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 4-1388 A.
and W.W.Ct. whence
Cor.No.4. Sur.No.1300 Mohawk lode, The Rosemont Copper Company Claimant, bears N. 49° 20' E. 277.4 feet.
No other bearings available.

Thence S. 1° 24' E.

Over rolling land.

- 20.4 Intersect line 1-2 Dan lode of this survey.
75. Right Bank of wash 50 feet wide flow N. 85° W.
300. Post, in mound of stone, scribed T.E.Ct.
400.3 Intersect line 3-2 Wedge lode of this survey at Cor. No.5. Dan Millsite, of this survey.
along line 5-4 Dan Mill site.
600. To Cor.No.1. the place of beginning.

ELGIN LODE.

Beginning at Cor.No.1.

Feet. Identical with Cor.No.2.General lode of this survey.
 A Red wood post,4 feet long,4 ins,square,set 18 ins,
 in the ground,in mound of stone.scribed 1-2-1388 A.
 whence
 U.S.L.M.No.1.bears S:74°15' E.6350 feet.
 No other bearings available.

Thence S.59°W.

Over low rolling hills.

- 300. Post,in mound of stone,scribed E.E.Ct.
- 330. Intersect line 4-3 Telephone lode and line 2-3 Dan lode both of this survey at a point marked D.W.Ct.
- 400. Right bank of gulch 20 feet wide flows West.
- 600. To Cor.No.2.

A Red wood post,4 feet long,4 ins,square,set 18 ins,
 in the ground,with mound of stone,scribed 2-1388 A.
 whence
 Cor.No.1.Sur.No.1388 B.Elgin Mill site bears S.2°42' E.
 351 feet. No other bearings available.

Thence N.53°44' W.

Over low rolling hills.

- 75. Gulch 20 feet wide flows S.W.
- 217.7. Intersect line 3-4 Telephone lode of this survey.
- 590. Post,in mound of stone,scribed E.S.S.Ct.
- 1185. To Cor.No.3.
 On line 1-3 Sur,No.1305 Monitor lode at post scribed
 2-1305,and 3-1388 A.
 Identical with Cor.No.2.Survey No.1305 Monitor lode.
 No bearings available.

Thence N.59°E.

Over Easterly slope of hill and along line 2-1 Survey
 No.1305 Monitor lode.

- 300. Cor.No.1. Survey 1305 Monitor lode scribed 1-1305 and

(8)

Feet. E.W.Ct.

330. Trail bears N and S.

575.5 Intersect line 6-1. Sur. No. 1304, Newman lode, The Rosemont
Copper Company Claimant, at N. $67^{\circ}41'$ E. 123.2 feet from
Cor. No. 6.

600. To Cor. No. 4.

A Red wood post, 4 feet long, 4 ins. square, set 18 ins.
in the ground, with mound of stone, scribed 4-1388 A.
whence

Cor. No. 6. Sur. No. 1304. Newman lode, bears S. $66^{\circ}18'$ W. 145.
6 feet.

Cor. No. 1. Sur. No. 1305. Monitor lode, bears S. 59° W. 300 ft.

Thence S. $53^{\circ}44'$ E.

Over low rolling hills.

4. Intersect line 6-1 Sur. No. 1304, Newman lode at N. $67^{\circ}41'$ E.
147.7 feet from Cor. No. 6. also Cor. No. 3, General lode of
this survey.

along line 3-2 General lode of this survey.

595. Post, in mound of stone, scribed E. N. S. Ct.

1010. Ravine 10 feet wide flows S. 55° W.

1072.5. Intersect line 3-4 Dan lode of this survey.

1185. To Cor. No. 1. the place of beginning.

GENERAL LODE.

Beginning at Cor. No. 1.

A Red wood post, 4 feet long, 4 ins. square, set 18 ins.
in the ground, with mound of stone, scribed 1-1388 A.
whence

U. S. L. M. No. 1. bears S. $70^{\circ}01'$ E. 5811 feet.

Cor. No. 5. Sur. No. 1300 Mohawk lode bears S. $10^{\circ}51'$ E. 13.3
feet, The Rosemont Copper Co. Claimant.

Thence S. $67^{\circ}41'$ W.

Over rolling hills.

(7)

- Feet.
341.3 Intersect line 2-3 Hattie lode of this survey.
- 351.5. Post, in mound of stone, scribed G.E.Ct.
542. Iron pipe line bears N.E. and S.W.
703. TO Cor.No.2.
- Identical with Cor.No.1. Elgin lode of this survey, here
inbefore described.
- Thence N.53°44'W.
- Over low rolling hills.
- 112.5. Intersect line 3-4 Dan lode of this survey.
175. Ravine 10 feet wide flows S.55°W.
590. Post, in mound of stone, scribed G.S.S.Ct.
1181. To Cor.No.3.
- On line 6-1 sur.No.1304. Newman lode, at N.67°41'E.147.
7.feet, from Cor.No.6.
- A Red wood post, 4 feet long, 4 ins, square, set 18 ins
in the ground, with mound of stone, scribed 3-1388 A.
whence
- Cor.No.6. Sur.No.1304 Newman lode bears S.67°41'W.147.
7 feet. no other bearings available.
- Thence N.67°41'E.
- Ascending Southerly slope of the Newman hill along
line 6-1 Sur.No.1304 Newman lode.
- 351.5. Post, in mound of stone, scribed G.W.Ct.
703. To Cor.No.4.
- A Red wood post. 4 feet long. 4 ins, square, set 18 ins.
in the ground, with mound of stone, scribed, 4-1388 A.
whence
- Cor.No.1. Sur.No.1304 Newman lode bears N.67°41'E.553.
7 feet. No other bearings available.

Thence S.53°44'E.

(8)

- Feet. Descending over Southerly slope of the Newman hill
- 38.3. Intersect line 3-4 Hattie lode of this survey.
590. Post, in mound of stone, scribed G.N.S.Ct.
840. Ravine 15 feet wide flows S.70° W. and ascend,
952. Ridge bears N.75° E. and S.40° W. and Iron pipe line bears
N.75° E. and S.75° W.
1181. To Cor.No.1. the place of beginning.

DAN LODE.

Beginning at Cor.No.1.

On line 4-3 Sur.No.1300 Mohawk lode at S.50°54'E.150.

8 feet from Cor.No.4.

A Red wood post, 4 feet long, 4 ins square, set 18 ins,
in the ground, with mound of stone, scribed 1-1388A, whence

U.S.L.M.No.1. bears S.73°20'E.5763 feet.

Cor.No.4. Sur.No.1300. Mohawk lode bears N.50°54'W.150
8 feet.

Thence S.72°25'W.

over broken ground.

204. Wash 15 feet wide Flows S.25°W.
- 343.5. Intersect line 4-1 Telephone lode of this survey.
- 363.5. Intersect line 3-4 Wedge lode of this survey.
- 374.5. Post, in mound of stone, scribed D.S.S.Ct.
550. Iron pipe line bears N.10°E. and South.
565. Right bank of wash 30 feet wide flows N.85°W.
749. To Cor.No.2.
- A Red wood post, 4 feet long, 4 ins, square, set 18 ins
in the ground, with mound of stone, scribed 2-1388 A.
whence
- Cor.No.1. Sur.No.1388 B. Dan Mill site bears S.30°37' E.
1003 feet.
- N.W. Cor. Adobe Bunk house bears S.49°40' E. 136 feet.
- N.W. Cor. Adobe Boarding Nouse bears S.30°40' E. 202 ft.
-

(10)

Feet.

WEDGE LODE.

Beginning at Cor.No.1.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins,
in the ground, with mound of stone, scribed 1-1388 A.

Whence

U.S.L.M.No.1.bears S.79°38'E.4581 feet.

Cor.No.3.Sur.No.1300, Mohawk lode bears N.50°54'W.442.
8 feet.

 Thence S.39°06'W.

Descending over broken hill side.

300. Post, in mound of stone, scribed W!E.Ct.

600. To Cor.No.2.

Identical with Cor.No.1.Wedge and Cor.No.1. Old Dick
Millsites of this survey.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins,
in the ground, with mound of stone, scribed 2-1388 A.
and 1-1-1388 B. No bearings available.

 Thence N.49°52'W.

over rolling land and along line 1-3 Wedge Mill site
of this survey.

258.8.Center of Narrow Gauge Railroad track bears N and S.

750. Post, in mound of stone, scribed W.S.S.Ct.

1110.3. Cor.No.3.Wedge and No.6.Dan Mill sites, both of this
survey. along line 6-5 Dan Millsite.

1239.4. Intersect line 1-4 Telephone lode of this survey at
post No.5 Dan Millsite of this survey.

1500. To Cor.No.3.

A Red wood post ,4 feet long, 4 ins, square, set 18 ins
in the ground, with mound of stone, scribed 3-1388 A.

whence

N.E.Cor.Adobe Bunkhouse bears N.80°W.15 feet.

No other bearings available.

(11)

- Feet. Thence N.39°06' E.
 over broken ground.
175. Wash 15 feet wide flows West.
- 264.5. Intersect line 1-2 Dan lode of this survey.
300. Post, in mound of stone, scribed W.W.Ct, I-identical with
 cor, No.4. Telephone lode of this survey, hereinbefore
 described.
- 573.1. To Cor.No 4.
 On line 2-3 Hattie lode of this survey.
 A Red wood post, 4 feet long, 4 ins square, set 18 ins,
 in the ground, with mound of stone, scribed 4-1388 A .
 whence
 Cor, No.4. Sur.No.1300. Mohawk lode bears S.50°54' E.49.2ft.
 No other bearings available.
- Thence S.50°54' E.
- Over broken ground and along line 2-3 Hattie and line
 1-4 Dan lodes of this survey.
- 49.2. Cor.No.4. Sur.No.1300. Mohawk lode.
 along line 4-3 Sur.No.1300 Mohawk lode.
125. Ravine 15 feet wide flows S.W.
200. Cor.No.1. Dan lode of this survey.
750. Post. in mound of stone, scribed W.N.S.Ct.
1050. To Center of Narrow Gauge Railroad track bears S.30°W.
 and N.75° E.
- 1057.2. Cor.No.3. Sur.No.1300 Mohawk lode.
1500. To Cor.No.1. the place of beginning.

HATTIE LODE.

Beginning at Cor.No.1.
 I-identical with Cor.No.6. Sur.No.1300 Mohawk lode.
 A post scribed 6-1300 and 1-1388 A. whence
 U.S.L.M.No.1. bears S.67°16' E.5708 feet.

(12)

Feet. No other bearings available.

Thence S.38°35' W.

Over broken ground and along line 6-4 Sur.No.1300
Mohawk lode.

300. Post, in mound of stone, scribed 5-1300 and H.E.Ct.

591. To Cor.No.2.

I dential with Cor.No.4.Sur.No.1300.Mohawk lode, a
post scribed 4-1300 and 2.1388 A.

No bearings available.

Thence N.50°54' W.

Over broken ground and low hills and along line 1-2
Dan lode of this survey.

49.2 Cor.No.4.Wedge lode and post marked D.E.Ct.of this survey.

84. Ravine 15 feet wide flows S.55° W.

176.2 Intersect line 1-2 General lode of this survey.

249.2 Cor.No.4.Dan lode of this survey.

309. Ridge bears N.25° E.and S.25° W.and Iron pipe line bears
N.25° E.and S.25° W.

515. Ravine 10 feet wide bears S.50° W.

578. Post, in mound of stone, scribed H.S.Sct.

1156. To Cor.No.3.

A Red wood post, 4 feet long, and 4 ins square, set 18
ins, in the ground, with mound of stone, scribed 3-1388 A.

No bearings available.

Thence N.38°35' E.

Ascending over southerly slope of the Newman hill.

242.1. Intersect line 4-1 General lode of this survey.

258. Post, in mound of stone, scribed H.W.Ct.

302. Intersect line 1-6 Sur.No.1304 Newman lode, at S.67°
41' W.485.2 feet from Cor.No.1.

558. To Cor.No.4.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins in

- Feet. the ground, with mound of stone, scribed 4-1388 A. whence
Cor.No.1.Sur.No.1304 Newman lode bears S.86°04' E.290.
1 feet. No other bearings available.
Thence S.52°32' E.
Descending over Southerly slope of the Newman hill.
- 143.5. Intersect line 1-6 Sur.No.1304 Newman lode at S.67°41' W.
190 feet, from Cor.No1.and also intersect line 2-3
West End lode of this survey, at post scribed W.E.W.Ct.
578. Post ,in mound of stone, scribed H.N.S.Ct.
- 923.5. Intersect line 1-2 West End lode of this survey.
1022. Ravine 10 feet wide flows S.70° W.
1114. Ridge bears N.60° E.and S.60° W.and Iron pipe line bears
N.60° E.and S.60° W.
1156. To Cor.No.1. the place of beginning.
WEST END LODGE'.
Beginning at Cor.No.1.
Identical with Cor.No.2 Silver Spur lode of this survey.
A Red wood post, 4 feet long, 4 ins, square, set 18 ins in
the ground, with mound of stones, scribed 1-2-1388A. whence
U.S.L.M.No.1.bears S.65°42' E.5249 feet.
Cor.No.6.Sur.No.1300 Mohawk lode bears N.85°10' W.487.
3 feet. Thence N.74°45' W.
Over rolling hills and along line 1-4 Recorder lode of
this survey.
- 106.1. Post, in mound of stone, scribed R.N.S.Ct.
466. Ridge bears N.60° E. and S.60° W. and Iron pipe line bears
N.60° E. and S.60° W.
566. Ravine 10 feet wide flows S.70° W. and ascend Southerly
slope of the Newman hill.
- 679.1. Post scribed 4-1388.A. in mound of stones.
865. A monument of stones. about two feet high.

(14)

- | Feet. | |
|--------|---|
| 698. | Intersect line 1-4 Hattie lode of this survey. |
| 1473. | To Cor.No.2. |
| | A Red wood post, 4 feet long. 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 2-1388 A. No bearings available. |
| | <u>Thence N. 25° 30' E.</u> |
| | Ascending Southerly slope of the Newman hill. |
| 300. | Intersect line 1-6 Sur.No.1304 Newman lode, at S. 67° 41' W. |
| | 190 feet from Cor.No.1. and also intersect line 4-1 |
| | Hattie lode of this survey at a post marked W.E.W.Ct. |
| 540. | Summit of ridge bears S. 70° W. and N. 70° E. and line runs |
| | over broken summit. |
| 579. | Intersect line 2-3 Sur.No.1304 Newman lode at N. 17° 30' W. |
| | 6 feet from post, cor, No. 2. |
| 600. | To Cor.No.3. |
| | On line 2-1 Telemeter lode of this survey. |
| | A red wood post, 4 feet long. 4 ins, square, set 18 ins in the ground, with mound of stone, scribed 3-1388 A. whence |
| | Post No. 2. Sur.No.1304, Newman lode bears S. 16° 35' W. |
| | 257 feet. No other bearings available. |
| | <u>Thence S. 74° 45' E.</u> |
| | Over broken summit and along line 2-1 Telemeter lode of this survey. |
| 215. | Ridge bears N. 85° W. and N. 40° E. and descend over South |
| | easterly slope of the Newman hill. |
| 398. | Post, in mound of stone, scribed T.S.S.Ct. |
| 809.5. | Cor.No.1. Telemeter and Cor.No.2. Slide lodes of this |
| | survey, and along line 2-1 Slide lode of the survey. |
| 1103. | Ravine 15 feet wide flows S.W. |
| 1473. | To Cor.No.4. |
| | Identical with Cor.No.3. Silver Spur lode of this survey. |

(15.)

Feet. A Red wood post 4 feet long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed 4-3-1388 A. No bearings available.

Thence S. 25° 30' W.

over low hills.

290. Ridge bears N. 26° E. and S. 50° W. and Iron pipe line bears N. 26° E. and S. 30° W.

300. Post, in mound of stone, scribed W.E.E.Ct. and S.S.W.Ct.

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

TELEMETER LODE.

Beginning at Cor.No.1.

on line 4-3 West end Lode of this survey.

Identical with Cor.No.2. Slide lode of this survey.

A Red wood post, 4 feet long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 1-2-1388 A. whence U.S.L.M.No.1. bears S. 60° 48' E. 5916 feet.

No other bearings available.

Thence N. 74° 45' W.

Over South Easterly slope of the Newman hill.

411.5. Post, in mound of stone, scribed T.S.S.Ct.

595. Ridge bears N. 85° W. and N. 40° E. and line runs over broken Summit

809.5. Cor.No.3. West End lode of this survey.

825. To Cor.No.2.

On line 2-3 sur.No.1304 Newman lode at N. 17° 30' W. 29 ft. from post No.2.

A Red wood post, 4 feet long, 4 ins. square, set 18 ins in the ground, with mound of stone, scribed 2-1388 A. whence Post No.2. Sur.No.1304 Newman lode bears S. 17° 30' E. 29 ft. Post No.3. Sur, No.1304 Newman lode bears N. 17° 30' W. 256 ft

(16)

- Feet. Thence N.25°30' E.
 descending along Northerly broken slope of hill.
- 102.5. Intersect line 1-2 Black Hawk lode of this survey at
 a post scribed T.W.Ct.
- 402.5. To Cor.No.3.
 A Red wood post,4 feet long,4 ins, square, set 18 ins,
 in the ground, with mound of stone, scribed-3-1388 A.
 whence
 Cor.No.3. Sur.No.1304 Newman lode bears S.64°37' W.277.
 5. Feet. No other bearings available.
- Thence S.87°33' E.
- Along Northerly slope of hill.
390. Intersect line 1-2 Black Hawk lode of this survey.
440. Post, in mound of stone, scribed T.N.S.Ct.
880. To Cor.No.4.
 On line 3-2 Back Bone lode of this survey.
 A Red wood post,4 feet long,4 ins, square, set 18 ins
 the ground, with mound of stone, scribed 4-1388 A.
 No bearings available.
- Thence S.25°30' W.
- Ascending Northerly slope of hill and along line 3-2
 Back Bone lode of this survey.
90. Post, in mound of stone, scribed B.B.W.Ct. on ridge bear
 ing N.80° E. and S.80° W. and descend Southerly slope of hill
300. Post, in mound of stone, scribed T.E.Ct.
390. Post, in mound of stone, scribed 2-3 -1388 A.
 along line 3-2 Slide lode of this survey.
495. Post, in mound of stone, scribed S.W.Ct.
600. To Cor.No.1. the place of beginning.

 Black Hawk lode.

Beginning at Cor.No.1.

(17)

- Feet.
- A Red wood post, 4 feet long, 4 ins, square, set 18 ins in the ground, with mound of stone, scribed 1-1388 A. whence.
- U.S.L.M.No.1.bears S.57°12' E.6382 feet.
- No other bearings available.
- Thence S.64°04' W.
- over Northerly slope of hill.
- 38.2. Intersect line 3-4 Telemeter lode of this survey.
- 615.2. Intersect line 2-3 Telemeter lode of this survey.
686. Intersect line 2-3 Sur.No.1304 Newman lode N.17°30' W. 93.5 feet from post No.2.
1500. To Cor.No.2.
- A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 2-1388 A. whence.
- Cor.No.4.Sur.No.1304 Newman lode bears N.52°36' W.
- 662.1.feet. No other bearings available.
- Thence N.25°56' W.
- Descending over the Northerly slope Newman hill.
300. Intersect line 4-3 Sur.No.1304 Newman lode at N.71°29' E. 552.7 feet from Cor.No.4.and 847.5 from Cor.No.3.where is set a post, in mound of stone, scribed B.H.W.Ct.
465. To Cor.No.3.
- Identical with Cor.No.2.Chance lode of this survey.
- A Red wood post, 4 feet long, 4 ins, square, set 18 ins in the ground, with mound of stone, scribed 3-2-1388A.
- No bearings available.
- Thence N.64°04' E.
- Over Northerly slope of Newman hill and along line 3-1 Chance lode of this survey.
750. Post, in mound of stone, scribed C.SS.Ct.

(18)

Feet. 1500.	To Cor.No.4. Identical with Cor.No.1.Chance lode of this survey. A Red wood post,4 feet long,4 ins,square,set 18 ins in the ground,with mound of stone,scribed 4-1-1388 A. No bearings available. <hr/> Thence S.25°56' E. Ascending Northerly slope of the Newman hill.
165.	Post,in mound of stone,scribed B.H.E.Ct.
465.	To Cor.No.4.the place of beginning. <hr/> CHANCE LODGE. Beginning at Cor.No.1. I-dentical with Cor.No.4.Black Hawk lode of this sur- vey,hereinbefore described,whence U.S.L.M.No.1. bears S.55°09'E.6785 feet. No other bearings available. <hr/> Thence S.64°04' W. Over Northerly slope of the Newman hill and along line 4-3 Black Hawk lode of this survey.
750.	Post,in mound of stone,scribed C.SS.Ct.
1500.	To Cor.No.2. Identical with Cor.No.3.Black Hawk lode of this survey hereinbefore described. <hr/> Thence N.25°56' W. Descending Northerly slope of the Newman hill.
300.	Post,in mound of stone,scribed C.W.Ct.
585.	Foot of the Newman hill and Ravine 25 feet wide flows North and ascend.
600.	To Cor.No.3. A Red wood post,4 feet long,4 ins,square,set 18 ins, in the ground,with mound of stone,scribed 3-1388 A. No bearings available. <hr/>

(19)

Feet.	Thence N.64°04' E.
	Over broken Northerly foot hills of the Newman hill.
30.	Ravine 25 feet wide flows North.
750.	Post, in mound of stone, scribed C.N.S.Ct.
1500.	To Cor. No.4.
	A Red wood post, 4 feet long, 4 ins, square, set 18 ins in the ground, with mound of stone, scribed 4-1388 A.
	No bearings available.
	<hr/> Thence S.25°56' E.
	Ascending Northerly slope of the Newman hill.
300.	Post, in mound of stone, scribed C.E.Ct.
600.	To Cor.No.1. the place of beginning.
	<hr/> RECORDER LOBE.
	Beginning at Cor.No.1.
	On line 1-2 Silver Spur lode of this survey.
	A Red wood post, 4 feet long, 4 ins, square, set 18 ins. in the ground, with mound of stone, scribed 7-1388 A.
	whence
	U.S.L.M.No.1.bears S.64°49' E.4789 feet.
	No other bearings available.
	<hr/> Thence S.25°30' W.
	Over broken ground and along line 4-3 American lode of this survey.
31.8	Post, in mound of stone, scribed A.W.Ct.
234.4	Post, in mound of stone, scribed R E Ct.
331.8	Post, in mound of stone, scribed 3-4- 1388 A.
	On line 4-3 Old Dick lode of this survey.
440.	Ravine 20 feet wide flows West.
468.8	To Cor.No.2.
	Identical with Cor.No.1. Sur.No.1500 Mohawk lode.a post scribed 1-1300 and 2-1388 A.whence

(20)

- Feet. Shaft No.4.Old Dick lode of this survey,bears S.20°50' E.
175 feet.
No other bearings available.
Thence N.51°25' W.
Over broken ground and along line 1-6 Sur.No.1300
Mohawk lode.
140. Ravine 25 feet wide flows S.W.
- 578.1. Post,in mound of stone,scribed R.S.S.Ct.
938. Cor.No.6.Sur.No.1300 Mohawk lode and Cor.No.1. Hattie
lode of this survey.
980. Ridge bears S.60° W.and N.60° E.and Iron pipe line bears
S.60° W.and N.60° E.
1072. Ravine 10 feet wide flows S.70° W.
- 1156.2. To Cor.No.3.
A Red wood post,4 feet long,4 ins,square,set 18 ins,
in the ground,with mound of stone,scribed 3-1388 A,
whence.
Original loc.cor.bears N.51°25' W.6 feet.
Cor,No.1.Sur.No.1388 B.Recorder Mill site of this sur-
vey bears S.22°34' W.182I feet.
No other bearings available.
Thence N.25°30' E.
- 2.5. To Cor.No.4.
A Red wood post,4 feet long,4 ins,square,set 18 ins,
in the ground,with mound of stone,scribed 4-1388 A.
Original loc.cor.bears N.74°45' W. 6 feet.
No bearings available.
Thence S.74°45' E.
Over rolling hills and along line 2-1 West end lode
of this survey.
113. Ravine 10 feet wide flows S.70° W.
213. Ridge bears N.60° E.and S.60° W.and Iron pipe line

(21)

- Feet. bears N.60° E. and S.60° W.
573. Post, in mound of stone, scribed R.N.S.Ct.
- 679.1. Cor.No.1. West End lode and Cor.No.2. Silver Spur lode,
both of this survey.
- Along line 2-1 Silver Spur lode.
1145. To Cor.No.1. the place of beginning.
-
- SILVER SPUR LODGE.
- Beginning at Cor.No.1.
- A Red wood post, 4 feet long, 4 ins. square, set 18 ins.
in the ground, with mound of stone, scribed 1-1388 A.
whence
- U.S.L.M.No.1. bears S.64° 13' E. 4510 feet.
- No other bearings available.
-
- Thence N.74° 45' W.
- Over rolling hills.
200. Ravine 10 feet wide flows S.40° W.
- 284.1. Intersect line 4-3 American lode of this survey at
Cor.No.1. Recorder lode of this survey.
- Along line 1-4 Recorder lode.
375. Post, in mound of stone, scribed S.S.S.S.Ct.
750. To Cor.No.2.
- Identical with Cor.No.1. West End lode of this survey
hereinbefore described,
-
- Thence N.25° 30' E.
- Over low hills and along line 1-4 West End lode of
this survey.
300. Post, in mound of stone, scribed S.S.W.Ct. and W.E.E.Ct.
310. Ridge bears N.26° E. and S.30° W. and Iron pipe line bears
N.26° E. and S.30° W.
600. To Cor.No.3.
- On line 2-1 Slide lode of this survey

(22)

Feet. Identical with Cor.No.4.West End lode of this survey,
hereinbefore described.

Thence S.74° 45' E.

Ascending Westerly slope of the Heavy Weight Hill and
along line 2-1 Slide lode of this survey.

10. Ridge bears N.26° E.and S.26° W.and Iron pipe line bears
N.26° E. and S.26° W.

43.5. Post, in mound of stone, scribed S.S.S.Ct.

375. Post, in mound of stone, scribed S.S.N.S.Ct.

750. To Cor.No.4.

Identical with Cor.No.1.Slide lode of this survey.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins,
in the ground, with mound of stone, scribed 4-1-1388 A.
No bearings available.

Thence S.25° 30' W.

Descending South westerly slope of the Heavy Weight
hill and along line 2-3 Heavy Weight lode of this sur-
vey.

300. Post, in mound of stone, scribed S.S.E.Ct.

352. Ravine 10 feet wide flows West.

382.3. Cor.No.2.Heavy Weight lode and intersect line 4-1.

American lode, both of this survey.

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

SLIDE LODE.

Beginning at Cor.No.1.

Identical with Cor.No.4.Silver Spur lode of this sur-
vey.hereinbefore described.whence

U.S.L.M.No.1.bears S.56° 34' 30" E.4551 feet.

No other bearings available.

Thence N.74° 45' W.

Descending Westerly slope of the Heavy Weight hill
and along line 4-3 Silver Spur lode of this survey.

(23)

- Feet.
375. Post, in mound of stone, scribed S.S.N.S.Ct.
- 706.5. Post, in mound of stone, scribed S.S.Sct.
740. Ridge bears N.26° E. and S.26° W. and Iron pipe line bears N.26° E. and S.26° W.
750. Cor.No.3. Silver Spur lode and Cor.No.4. West End lode both of this survey.
1120. Ravine 15 feet wide flows S.W. and commence ascent of Easterly slope of the Newman hill.
- 1413.5. To Cor.No.2.
Identical with Cor.No.1. Telemeter lode of this survey, hereinbefore described.
Thence N.25° 30' E.
Along North Easterly slope of the Newman hill and along line 1-4 Telemeter lode of this survey.
105. Post, in mound of stone, scribed S.W.Ct.
210. To Cor.No.3.
Identical with Cor.No.2. Back Bone lode of this survey.
A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, in mound of stone, scribed 3-2-1388 A.
No bearings available.
Thence S.86° 30' E,
Descending N.E. slope of the Newman hill and along line 2-1 Back Bone lode of this survey.
750. Post, in mound of stone, scribed S.N.S.Ct.
920. Ravine 10 feet deep flows S 70° W. and ascend Westerly slope of the Heavy Weight hill.
930. Iron pipe line bears N.20° E. and S.40° W.
1500. To Cor.No.4.
On line 3-2 Heavy Weight lode of this survey.
Identical with Cor.No.1. Back Bone lode of this survey.
A Red wood post, 4 feet long, 4 ins, square, set 18 ins. in the ground, with mound of stone, scribed 4-1-1388 A.

(24)

Feet.	
	No bearings available.
	<u>Thence S.25°30' W.</u>
	Ascending, along line 3-2 Heavy Weight lode of this survey.
120.	Ridge bears S.75° W, and N.75° E. and descend Westerly slope of the Heavy Weight hill.
260.	Post, in mound of stone, scribed S.E.Ct.
520.	To Cor.No.1. the place of beginning.
	<u>BACK BONE LODGE.</u>
	Beginning at Cor.No.1.
	Identical with Cor.No.4. Slide lode of this survey, hereinbefore described, whence
	U.S.L.M.No.1. bears S.50°14'30"E. 4651 feet.
	No other bearings available.
	<u>Thence N.86°30' W.</u>
	Descending Westerly slope of the Heavy Weight hill and along line 4-3 Slide lode of this survey.
570.	Iron pipe line bears N.20° E. and S.40° W.
580.	Ravine 10 feet wide flows S 70° W. and ascend Westerly slope of the Newman hill.
750.	Post, in mound of stone, scribed S.N.S.Ct.
1500.	To Cor.No.2.
	on line 1-4 Telemeter lode of this survey.
	Identical with Cor.No.3. Slide lode of this survey, hereinbefore described,
	<u>Thence N.25°30' E.</u>
	Along Easterly slope of the Newman hill and along line 1-4 Telemeter lode of this survey.
90.	Post, in mound of stone, scribed T.E.Ct.
300.	Post, in mound of stone, scribed B.B.W.Ct. on ridge bearing N.80° E. and S.80° W. and descend over Northerly slope of the Newman hill.

- Feet.
390. Cor.No.4. Telemeter lode of this survey.
- 597.7. To Cor.No.3.
A Red wood post, 4 feet long, 4 ins, square, set 18 ins,
in the ground, with mound of stone, scribed. 3-1388 A.
whence An Oak 8 ins, dia. blazed and scribed B.T. 3-1388A.
bears S. 19° W. 70 feet.
An Oak 7 ins, dia. blazed and scribed. B.T. -3-1388A.
bears S. 25° W. 28 feet.
- Thence S. 86° 30' E.
- Along Northerly slope of the Newman hill.
830. Iron pipe line bears N and S.
1500. To Cor.No.4.
On line 2-1 Buzzard lode of this survey.
Identical with Cor.No.3. Heavy Weight lode of this
survey.
A Red wood post, 4 feet long, 4 ins, square, set 18 ins,
in the ground, with mound of stone, scribed 4-3 -1388 A.
No bearings available.
- Thence S. 25° 30' W.
- Ascending along line 3-2 Heavy Weight lode of this
survey.
228. Ridge bears S. 85° E. and N. 85° W. and descend Westerly
slope of the Heavy Weight hill.
- 297.7. Post, in mound of stone, scribed B.B.E.Ct.
- 597.7. To Cor.No.1. the place of beginning.

OLD DICK LODE.

Beginning at Cor.No.1.
Identical with Cor.No.2. American lode of this survey.
A Red wood post, 4 feet long, 4 ins, square, set 18 ins,
in the ground, with mound of stone, scribed 1-2-1388 A.
whence
U.S.L.M.No.1. bears S. 70° 35' E. 3327 feet.
No other bearings available.

Thence S. 25° 30' W.

- Feet. Over Easterly slope of the Old Dick hill and along line 3-4 New Mexico lode of this survey.
15. Ravine 10 feet wide flows N.63°W.
- 139.5. Cor.No.3.New Mexico lode and Cor.No.4.Grizzly lode both of this survey.
along line 4-3 Grizzly lode.
220. Center of Narrow Gauge Railroad track bears N.64°W. and S.64°E.
300. Post,in mound of stone,scribed O.D.E.Ct.
- 439.5. Post,in mound of stone,scribed G.W.Ct.
600. To Cor.No.2.
A Red wood post,4 feet long,4 ins,square,set 18 ins. in the ground,with mound of stone,scribed 2-1388 A. whence
Mouth of Tunnel at S.E.Cor.of Cut No 1.of this lode bears N.35°15'W.538 feet.
No other bearings available.

Thence N.64°30'W.
along Northerly slope of the Old Dick hill.
1439. Center of Narrow Gauge Railroad track bears N.60°E. and S.60°W.
- 1479.5 To Cor.No.3.
A Red wood post,4 feet long,4 ins,square,set 18 ins. in the ground,with mound of stone,scribed 3-1388 A. whence
Cor.No.1.Sur.No.1388 B.Old Dick Mill site of this survey, bears S.10°43'W.852 feet.
Cor.No.3.Sur.No.1300 Mohawk lode bears S.51°54'W.153 ft.
Cor.No.2.Sur.No.1300,Mohawk lode bears N.25°30'E.155 ft.

Thence N.25°30'E.
Over broken ground.
155. Cor.No.2.Sur.No.1300 Mohawk lode,
along line 2-1 Sur,No.1300 Mohawk lode.

(27)

- Feet.
300. Post, in mound of stone, scribed, O.D.W.Ct.
463. Cor.No.1. Sur.No.1300 Mohawk lode and Cor.No.2.Recorder lode of this survey.
492. Ravine 20 feet wide flows West.
600. To Cor.No.4..
- Identical with Cor.No.3.American lode of this survey.
A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 4-3-1388 A. whence
- Cor.No.1.Sur.No.1300 Mohawk lode bears S.25°30' W.137ft.
Shaft No.3 of this lode bears S.33°35' E.703 feet.
- Thence S.64°30' E.
- Over rough hill side sloping South and along line 3-2 American lode of this survey.
40. Ravine 10 feet wide flows S.28°W.
- 1479.5. To Cor.No.1. the place of beginning.
- AMERICAN LODE.
- Beginning at Cor.No.1.
On line 2-3 Water Wish lode of this survey.
Identical with Cor.No.1. Light Weight lode of this survey.
A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 1-1-1388 A. whence
U.S.L.M.No.1.bears S.60°14' E.3321 feet.
No other bearings available.
- Thence S.25°30' W.
- Over low hills and along line 2-3 Water Wish lode of this survey.
300. Cor.No.2 Water Wish lode and Cor.No.4.New Mexico lode both of this survey.

(28)

Feet. along line 4-3 New Mexico lode of this survey.

600. To Cor.No.2.
 Identical with Cor.No.1.Old Dick lode of this survey,
 hereinbefore described.

Thence N.64°30'W.

Over brokenhills and along line 1-4 Old Dick lode of
 this Survey.

740. Post,in mound of stone,scribed A.S.S.Ct.

1439.5.Ravine 10 feet wide flows S.28°W.

1479.5.To Cor.No.3.
 Identical with Cor.No.4.Old Dick lode of this survey,
 hereinbefore described.

Cor.No.1.Sur.No.1388 B.American Mill site bears
 S.38°13' W.1583 feet.

Thence N.25°30'E.

over broken ground and along line 2-1 Recorder lode
 of this survey.

300. Post,in mound of stone,scribed A.W.Ct.

331.8. Intersect line 1-2 Silver Spur lode of this survey.

600. To Cor.No.4.
 A Red wood post,4 feet long,4 ins,square,set 18 ins,
 in the ground,with mound of stone,scribed 4-1388 A.
 No bearings available.

Thence S.64°30'E.

Over broken hills.

197. Ravine 10 feet wide flows S.60°W.

279.5. Cor.No.2.Heavy Weight lode and intersect line 1-4
 Silver Spur lode ,both of this survey.
 along line 2-1 Heavy Weight lode.

579.5. Post.in mound of stones,scribed H.W.S.Ct.

740. Post ,in mound of stone,scribed A.N.S.Ct.

(29)

- Feet.
879.5 .Cor.No.1. Heavy Weight lode and Cor.No.2.Light Weight lode, both of this survey.
- along ^{LINE} 2-1 Light Weight lode of this survey.
- 1179.5. Post, in mound of stone, scribed, L.W.S.Ct.
- 1479.5. To Cor.No.1. the place of beginning.

HEAVY WEIGHT LODGE.

Beginning at Cor.No.1.
on line 1-4 American lode of this survey.
Identical with Cor.No.2 Light Weight lode of this survey.
A Red wood post, 4 feet long, 4 ins, square, set 18 ins
in the ground, with mound of stone, scribed 1-2-1388 A.
whence
U.S.L.M.No.1. bears S.60°54' E. 3917 feet.
No other bearings available.

Thence N.64°30' W.

over broken hills and along line 1-4 American lode of this survey.

- 139.5 Post, in mound of stone scribed A.N.S.Ct.
300. Post, in mound of stone, scribed H.W.S.Ct.
- 600... To Cor.No.2.
on line 1-4 Silver Spur lode of this survey.
A Red wood post, 4 feet long, 4 ins, square, set 18 ins,
in the ground, with mound of stone, scribed 1-2-1388 A.
No bearings available

Thence N.25°30' E.

Ascending Westerly slope of Heavy Weight hill and along line 1-4 Silver Spur lode of this survey.

30. Ravine 10 feet wide flows West.
- 82.3. Post in mound of stone, scribed S.S.E.Ct.
- 382.3. Cor.No.4. Silver Spur lode and Cor No.1. Slide lode, both of this survey.

Feet. along line 1-4 Slide lode of this survey.

642.3. Post, in mound of stone, scribed S.E.Ct.

780. Ridge bears S.75° W. and N.75° E.

902.3. Cor.No.4. Slide lode and Cor.No.1. Back Bone lode, both of this survey.

along line 1-4 Back Bone lode of this survey.

1202.3 Post, in mound of stone, scribed B.B.E.Ct.

1270. Ridge bears S.85° E. and N.85° W.

1500. To Cor.No.3.

On line 2-1 Buzzard lode of this survey.

Identical with Cor.No.4. Back Bone lode of this survey, hereinbefore described,

Cor.No.1. Sur.No.1388 B. Heavy Weight Millsite bears N.0° 50' W. 889 feet

Thence S.64° 30' E.

Ascending Westerly slope of the Heavy Weight hill, and along line 2-1 Buzzard lode of this survey.

300. Post, in mound of stone, scribed H.W.N.Ct.

450. Post, in mound of stone, scribed B.S.S.Ct.

590. Ridge bears N.65° E. and S.65° W.

600. To Cor.No.4.

Identical with Cor.No.3. Light Weight lode of this survey.

A Red wood post, 4 feet long, 4 ins. square, set 18 ins in the ground, with mound of stone, scribed 4-3-1388 A. whence.

Mouth of Incline shaft on the Light Weight lode bears S.20° 10' W. 492 feet.

No other bearings available.

Thence S.25° 30' W.

Descending Southerly slope of Heavy Weight hill and along line 2-3 Light Weight lode of this survey.

(31)

Feet.
750. Post, in mound of stone, scribed L.W.W.S.Ct.
1500. To Cor.No.1. the place of beginning.

BUZZARD LODE.

Beginning at Cor.No.1.

On line 2-3 Wisconsin lode of this survey.

Identical with Cor.No.4. Light Weight lode of this survey.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed -1-4-1388 A. whence

U.S.L.M.No.1. bears S.36°40' E. 3742 feet.

Mouth of Tunnel No.2. on the Light Weight lode of this survey bears S.58°12' W. 895 feet.

Thence N.64°30' W.

Ascending Easterly slope of the Heavy Weight hill, and along line 4-3 Light Weight lode of this survey.

300. Post, in mound of stone, scribed L.W.N.Ct.
600. Cor.No.3. Light Weight lode and Cor.No.4. Heavy Weight lode, both of this survey.

Along line 4-3 Heavy Weight lode of this survey.

610. Ridge bears N.65° E, and S.65° W, and descend North Westerly slope of the Heavy Weight hill.

750. Post, in mound of stone, scribed B.S.S.Ct.

900. Post, in mound of stone, scribed H.W.N.Ct.

1200. Cor.No.3. Heavy Weight lode and Cor.No. 4 Back Bone lode, both of this survey.

1380. Ravine 10 feet wide flows West.

1500. To Cor.No.2.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins in the ground, with mound of stone, scribed 2-1388 A.

No bearings available.

(32)

Feet.

Thence N.25°30' E.

Over hillside sloping North.

300. Post, in mound of stone, scribed, B.W.Ct.

340. Ridge bears S.60° E, and N.60° W.

600. To Cor.No.3.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins,
in the ground, with mound of stone, scribed 3-1388 A.

No bearings available.

 Thence S.64°30' E.

Along the Northerly slope of the Heavy Weight hill.

750. Post, in mound of stone, scribed B.N.S.Ct.

1500. To Cor.No.4.

On line 3-2 Wisconsin lode of this survey.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins,
in the ground, with mound of stone, scribed 4-1388A.

No bearings available.

 Thence S.25°30' W.

Ascending Northerly slope of the Heavy Weight hill and
along line 3-2 Wisconsin lode of this survey.

90. Ridge bears E. and W and descend.

300. Post, in mound of stone, scribed B.E.Ct.

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

 LIGHT WEIGHT LODE.

Beginning at Cor.No.1.

On line 2-3 Water Wish lode of this survey.

Identical with Cor.No.1. American lode of this survey,
hereinbefore described. whence

U.S.L.M.No.1. bears S.60°14' E. 3321 feet.

No other bearings available.

 Thence N.64°30' W.

Over broken hills and along line 1-4 American lode
of this survey.

Feet.
 300. Post, in mound of stone, scribed L.W.S.Ct.
 600. To Cor.No.2.
 Identical with Cor.No.1.Heavy Weight lode of this survey
 hereinbefore described.
Thence N.25°30'E.
 Ascending Southerly Slope of Heavy Weight hill and
 along line 1-4 Heavy Weight lode of this survey.
 750. Post, in mound of stone, scribed L.W.W.S.Ct.
 1500. To Cor.No.3.
 On line 1-2 Buzzard lode of this survey.
 Identical with Cor.No.4.Heavy Weight lode of this
 Survey, hereinbefore described.
Thence S.64°30'E.
 Descending Easterly slope of the Heavy Weight hill
 and along line 1-2 Buzzard lode of this survey.
 300. Post, in mound of stone, scribed L.W.N.Ct.
 600. To Cor.No.4.
 On line 2-3 Wisconsin lode of this survey.
 Identical with Cor.No.1.Buzzard lode of this survey,
 hereinbefore described.
Thence S.25°30'W.
 Descending along Easterly slope of the Heavy Weight
 Hill and along line 2-3 Wisconsin lode of this survey.
 300. Cor.No.2.Wisconsin lode and Cor.No.3 Water Wish lode,
 both of this survey.
 Along line 3-2 Water Wish lode of this survey.
 750. Post, in mound of stone, scribed L.W.E.S.Ct.
 810. Center of Narrow Gauge Railroad bears N.63°W.and S.56°E.
 1050. Post, in mound of stone, scribed W.W.W.S.Ct.
 1500. To Cor.No.1.the place of beginning.

Feet.

GRIZZLY LODE 1

Beginning at Cor.No.1.

Identical with Cor.No.2.New Mexico lode of this survey.

A Red wood post,4 feet long,4 ins,square,set 18 ins,
in the ground,with mound of stone.scribed -1-2 -1388A.
whence

U.S.L.M.No.1.bears S.79° 46' E.1873 feet.

S.W.Cor.Lot.No.37.Omega Lode,Albert Steinfeld Claimant,
bears S.83° 16' E.241.9.feet.

A Mesquite 12 ins,dia,blazed and scribed B.T.1-2-1388 A.
bears N.52° 15' W.11feet.

A Mesquite 13 ins,dia.blazed and scribed B.T.1-2-1388 A,
bears S.17° 10' W. 76 feet.

Thence S.25° 30' W.

Over rolling land.

20. Road bears N.30° E.and S.30° W.

300. Post,in mound of stone,scribed G.E.Ct1

400. Ravine 10 feet wide flows West.

600. To Cor.No.2.

A Red wood post,4 feet long,4 ins,square,set,18 ins,
in the ground,with mound of stone,sscribed,2-1388 A.
whence

A mesquite 15 ins,dia.blazed and scribed B.T. 2-1388 A.
bears N.32° 25' E.182 feet.

An Oak 8 ins,dia.blazed and scribed B.T.2-1588 A,bears
N.22° 38' E.185 feet.

Thence N.64° 30' W.

Over gently rolling land.

420. Ravine 10 feet wide flows S.75° W.

750 Post,in mound of stone,scribed G.S.S.Ct.

1250. Ravine 20 feet wide flows S.85° W.

1500. To Cor.No.3.

Feet. A Red wood post, 4 feet long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 3-1388.A.
No bearings available.

Thence N. 25° 30' E.

Over Easterly slope of the Old Dick hill.

139.5. Cor. No. 2. Old Dick lode of this survey.

Along line 2-1 Old Dick lode of this survey.

300. Post, in mound of stone, scribed G.W.Ct.

439.5. Post, in mound of stones, scribed O.D.E.Ct.

519.5. Center of Narrow Gauge Railroad track bears N. 64° W. and S. 64° E.

600. To Cor. No. 4.

Identical with Cor. No. 3 New Mexico lode of this survey.

A Red wood post, 4 feet long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 4-3-1388 A.
whence

Mouth of tunnel at S.E. Cor. of Discovery Cut of the Old Dick lode of this survey, bears N. 87° 25' W. 510 feet.

Mouth of Tunnel No. 2 on the Old Dick lode bears N. 68° 30' W. 648 feet.

Thence S. 64° 30' E.

Descending Easterly slope of the Old Dick hill and along line 3-2 New Mexico lode of this survey.

620. Center of Narrow Gauge Railroad track bears N and S.

750. Post, in mound of stone, scribed G.N.S.Ct. and N.M.S.S.Ct.

1370. Ravine 30 feet wide bears S. 80° E.

1500. To Cor. No. 1. the place of beginning.

NEW MEXICO LODE.

Beginning at Cor. No. 1.

On line 1-2 Tally Ho lode of this survey.

A Red wood post, 4 feet long, and 4 ins. square, set 18

(33)

Feet. ins, in the ground, with mound of stone, scribed 1-1388A.
and T.H.S.Ct. whence

U.S.L.M.No.1. bears S. $66^{\circ} 13'$ E. 1808 feet.

No other bearings available.

Thence S. $25^{\circ} 30'$ W.

Over rolling land.

250. Ravine 10 feet wide flows West.

275. Same Ravine 10 feet wide flows S.E.

300. Post, in mound of stone, scribed N.M.E.Ct.

350. Same Ravine 10 feet wide flows S. 80° W.

439.5 To Cor.No.2.

Identical with Cor.No.1. Grizzly lode of this survey,
hereinbefore described.

Thence N. $64^{\circ} 30'$ W.

Over gently rolling land and along line 1-4 Grizzly
lode of this survey.

130. Ravine 30 feet wide flows S. 80° W.

750. Post, in mound of stone, scribed N.M.S.S.Ct. and G.N.S.Ct.

870. Center of Narrow Gauge Railroad track bears N and S.

1500. To Cor.No.3.

On line 1-2 Old Dick lode of this survey.

Identical with Cor.No.4. Grizzly lode of this survey,
hereinbefore described.

Thence N. $25^{\circ} 30'$ E.

Over rolling hills and along line 1-2 Old Dick lode of
this survey.

124. Ravine 10 feet wide flows N. 63° W.

139.5. Cor.No.1. Old Dick lode and Cor.No.2. American lode,

both of this survey, and post scribed N.M.W.Ct.

along line 2-1 American lode of this survey.

439.5. To Cor.No.4.

Identical with Cor.No.2. Water Wish and East Center end

(37)

Feet. of the American lodes both of this survey.
 A Red wood post, 4 feet long, 4 ins. square, set 18 ins.
 in the ground, with mound of stone, scribed 4-2-1388 A.
 and A.E.Ct.

No bearings available.

Thence S. 64° 30' E.

Over rolling hills and along line 2-1 Water Wish lode of
 of this survey.

250. Ravine 15 feet wide flows S. 65° W.
 300. Post, in mound of stone, scribed W.W.S.Ct.
 600. Cor. No. 1. Water Wish lode and Cor. No. 2. Leader lode,
 both of this survey, and along line 2-1 Leader lode.
 625. Center of Narrow Gauge Railroad track bears N. 50° E.
 and S. 50° W.
 750. Post, in mound of stone, scribed N.M.N.S.C.t.
 900. Post, in mound of stones, scribed L.S.Ct.
 1200. Cor. No. 1. Leader lode and Cor. No. 2. Tally Ho lode,
 both of this survey.
 and along line 2-1 Tally Ho lode.
 1500. To Cor. No. 1. the place of beginning.

WATER WISH LODE.

Beginning at Cor. No. 1.

On line 4-1 New Mexico lode of this survey.

Identical with Cor. No. 2. Leader lode of this survey.

A Red wood post, 4 feet long, 4 ins. square, set 18 ins.
 in the ground, scribed 1-2-1388 A, and surrounded with
 mound of stone, whence

U.S.L.M. No. 1. bears S. 65° 41' E. 2708 feet.

N.E. Cor. of an adobe Boarding house bears S. 65° W. 302 feet.

Shaft No. 2. on the Water Wish claim bears N. 24° E. 345 ft.

Thence N. 64° 30' W.

Feet. Over rolling hills and along line 4-1 New Mexico lode of this survey.

300. Post, in mound of stone, scribed W.W.S.Ct.

350. Ravine 15 feet wide flows S.65° W.

600. To Cor.No.2.

On line 1-2 American lode of this survey.

Identical with Cor.No.4. New Mexico lode of this survey.

and post scribed A.E.Ct. hereinbefore described.

Thence N. 25° 30' E.

Ascending along Easterly slope Heavy Weight hill and along line 2-1 American lode of this survey.

300. Cor.No.1. American lode and Cor.No.1. Light Weight lode both of this survey, and

along line 1-4 Light Weight lode.

750. Post, in mound of stone, scribed W.W.W.S.Ct.

990. Center of Narrow Gauge Railroad track bears S.56° E. and N.63° W.

1050. Post, in mound of stone, scribed L.W.E.S.Ct.

1500 To Cor.No.3.

Identical with Cor.No.2. Wisconsin lode of this survey.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 3-2-1388 A. No bearings available.

Thence S. 64° 30' E.

Descending over Easterly slope of the Heavy Weight hill and along line 2-1 Wisconsin lode of this survey.

300. Post, in mound of stone, scribed W.W.N.Ct and W.S.Ct.

490. Ravine 10 feet wide flows S.26° W.

600. To Cor.No.4.

Identical with Cor.No.1. Wisconsin, Cor.No.2. Exchange, and Cor.No.3 Leader lodes, all of this survey.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins,

feet. in the ground, with mound of stone, scribed 4-1-2-3-1388A.

whence

Mouth of a tunnel on the Copper Fend lode of this survey bears S. 51° 30' E. 1388 feet.

No other bearings available.

Thence S. 25° 30' W.

Over gently rolling land and along line 3-2 Leader lode of this survey.

480. Center of Narrow Gauge Railroad track bears S. 83° W. and S. 55° E.

750. Post, in mound of stone, scribed W. W. ES. CT.

1045. Shaft 15 feet left of line.

1500. To Cor. No. 1. the place of beginning.

WISCONSIN LODE.

Beginning at Cor. No. 1.

Identical with Cor. No. 2. Exchange, Cor. No. 3. Leader, and Cor. No. 4. Water Wish lodes, all of this survey, hereinbefore described. whence

U. S. L. M. No. 1. bears S. 36° 31' E. 3077 feet.

Thence N. 64° 30' W.

Over gently rolling land and along line 4-3 Water Wish lode of this survey.

110. Ravine 10 feet wide and flowing S. 26° W. and ascend Easterly slope of the Heavy Weight Hill.

300. Post. in mound of stone, scribed W. S. Ct. and W. W. N. Ct.

600. To Cor. No. 2.

On line 4-1 Lightweight lode of this survey.

Identical with Cor. No. 3. Water Wish lode of this survey, hereinbefore described.

Thence N. 25° 30' E.

Ascending Easterly slope of the Heavy Weight hill and along line 4-1 Light Weight lode of this survey.

(40)

- Feet.
300. Cor.No.4.Light Weight and Cor.No.1.Buzzard lodes,both of this survey.and
Along line 1-4 Buzzard lode.
600. Post,in mound of stone,scribed B.E.Ct.
810. Ridge bears E and W and descend Northerly slope of the Heavy Weight hill.
900. Cor.No.4.Buzzard lode of this survey
1270. Foot of slope of Heavy Weight hill and gulch 6 feet wide flows N.55° W. and line runs along Westerly slope of the of the Black Bess Hill.
1500. To Cor.No.3.
Identical with Cor.No.2.Flying Dutchman lode of this survey.
A Red wood post,4 feet long,4 ins,square,set 18 ins, in the ground,with mound of stone,scribed,3-2-1388 A.
No bearings available.

Thence S.64° 30' E.
Ascending South Westerly slope of the Black Bess hill and along line 2-1 Flying Dutchman lode of this survey.
300. Post,in mound of stone.scribed W.N.Ct.and F.D.S.Ct.
600. To Cor.No.4.
Identical with Cor.No.1. Flying Dutchman,Cor.No.2. Exchange No,2,and Cor.No.3.Exchange lodes all of this survey.
A Red wood post, 4 feet long,4 ins,square,set 18 ins, in the ground,with mound of stone,scribed 4-1-2-3-1388 A.whence
Shaft No.3 of the Flying Dutchman lode of this survey, bears N.36° W. 43 feet.
Shaft No,4,of the Flying Dutchmen bears N.43° W. 25 feet.

Thence S.25° 30' W.

(41)

- Feet. Descending over rolling ground and along line 3-2
Exchange lode of this survey.
520. Ravine 10 feet wide flows S. 65° W.
1340. Ravine 8 feet wide flows S 80° W.
1500. To Cor.No.1.the place of beginning.

FLYING DUTCHMAN LODE

Beginning at Cor.No.1.

Identical with Cor.No.2.Exchange No.2.Cor.No.3.Exchange
and Cor.No.4.Wisconsin lodes, all of this survey, here-
inbefore described.whence

U.S.L.M.No.1.bears S.17° 17' E. 4001 feet.

Thence N.64° 30' W.

Descending the South Westerly slope of the Black Bess
hill and along line 4-3 Wisconsin lode of this survey.

300. Post,in mound of stone,scribed F.D.S.Ct.and W.N.Ct.
600. To Cor.No.2.

Identical with Cor.No.3.Wisconsin lode of this survey
hereinbefore described.

Thence N.25° 30' E.

Along Westerly slope of the Black Bess hill.

850. Ravine 10 feet wide flows N.40° W.
880. Ravine 10 feet wide flows N.50° W.
1500. To Cor.No.3.

A Red wood post,4 feet long,4 ins,square,set 18 ins,
in the ground,with mound of stone,scribed 3-1388 A.
No bearings available.

Thence S.64° 30' E.

Ascending Westerly slope of the Black Bess Hill

300. Post,in mound of stone,scribed.F.D.N.Ct.
600. To Post for Cor.No.4.

A red wood post,4 feet long,4 ins,square set 18 ins,
the ground,with mound of stones,scribed 4-1388 A.

Feet. No bearings available.

Thence S.25°30' W.

Over brokentop of the Black Bess Hill.

721.4. Intersect line 4-5 Sur.No.1303 Black Bess lode, the Rosemont Copper Company Claimant, at S.32°30' W.90.5 feet from Cor.No.4.

735. Ridge bears N.35° E. and S.35° W. and descend Southerly slope of the Black Bess hill.

1100. Cor.No.3. Exchange No.2. lode of this survey.

1171.8. Intersect line 6-1 Sur.No.1303 Black Bess lode at S.53°55' E.55 feet, from Cor.No.6.

1200. Post, in mound of stone, scribed Ex, No 2. W. Ct.

1500. To Cor.No.1. the place of beginning.

EXCHANGE No 2.

Beginning at Cor.No.1.

On line 3-2 Owosko lode of this survey.

Identical with Cor.No.4. Copper World lode of this survey.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 1-4-1388A.

whence

U.S.L.M.No.1. bears S.1°33' E.3308 feet.

Cor.No.1. Sur.No.1303 Black Bess lode bears N.31°52' W. 273.1. feet.

An Oak 10 ins, dia. blazed and scribed B.T.1-4-1388 A. bears N.2°25' E.58 feet .

An Oak, 12 ins, dia, blazed and scribed, B.T.1-4-1388 A. bears N.17°55' W.67 feet.

Thence N.64°30' W.

Along the North Easterly slope of the Copper World hill and along line 4-3 Copper World lode of this survey.

300. Post, in mound of stone, scribed C.W.N.Ct.

(43)

- Feet.
 800. Post, in mound of stone, scribed Ex. No. 2. S. S. Ct. and Cor. No. 3 Copper World and Cor. No. 4 Exchange lodes of this survey, and along line 4-3 Exchange lode.
630. Ridge bears N. 10° W. and S. 10° E. and descend over South Westerly slope of the Copper World hill.
900. Post, in mound of stone, scribed Ex. N. Ct.
1150. Ravine 4 feet wide flows S. 84° W.
1200. To Cor. No. 2.
 Identical with Cor. No. 3. Exchange. Cor. No. 4 Wisconsin and Cor. No. 1. Flying Dutchman lodes of this survey. hereinbefore described.

Thence N. 25° 30' E.

- Ascending Southerly slope of the Black Bess hill and along line 1-4 Flying Dutchman lode of this survey.
300. Post, in mound of stone, scribed Ex. No. 2. W. Ct.
- 328.2 Intersect line 6-1 Sur. No. 1303 Black Bess lode at S. 53° 55' E. 55 feet from Cor. No. 6.
400. To Cor. No. 3.
 A Red wood post, 4 feet long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 3-1388 A.
 whence
 Cor. No. 6 Sur. No. 1303 Black Bess lode bears S. 67° W. 81.2 feet, No other bearings available.

Thence S. 56° 41' E.

- over Northerly slope of hill.
606. Post, in mound of stone, scribed Ex. No. 2. H. S. Ct.
994. Intersect line 1-2 Sur. No. 1303 Black Bess lode at N. 32° 30' E. 119 feet from Cor. No. 1.
- 1211.2. To Cor. No. 4.
 Identical with Cor. No. 2 Black Horse and Cor. No. 3 Owosko lodes of this survey.
 A Red wood post, 4 feet long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 4-2-3-1388A.
 whence
 Cor. No. 1. Sur. No. 1303 Black Bess lode bears N. 85° 38' W.

Feet. 246.2 feet.

An Oak 8 ins, dia, blazed and scribed, B.T.4-2-3-1388 A.
bears S.57°30' E.77ft.

An Oak 10 ins, dia, blazed and scribed, B.T.4-2-3-1388.A.
bears S.52°30' W.12 feet.

Thence S.25°30' W.

Over rolling hills.

135.6. Post, in mound of stone, scribed, Ex, No.2.E.Ct.

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

EXCHANGE LODE.

Beginning at Cor.No.1.

Identical with Cor.No.4 Leader, Cor.No.3 Tally Ho and
Cor.No.3 Copper World lodes of this survey.

A Red wood post, 4 feet long, 4 lbs, square, set 12 ins,
in the ground, with mound of stone, scribed 1-4-3-2-
1388 A. whence

U.S.L.M.No.1 bears S.30° E.2557 feet.

Face of Cut No.3 on the Tally Ho lode of this survey
bears S.2° W.485 feet.

Face of Cut No.2 on the Tally Ho lode bears S.2° W.550 ft.

Thence N.64°30' W.

Descending westerly slope of the Leader hill and along
line 4-3 Leader lode of this survey.

300. Post, in mound of stone, scribed E.S.Ct. and J.N.Ct.

600. To Cor.No.2.

Identical with Cor.No.4 Water Wish, Cor.No.1 Wisconsin
and Cor.No.3 Leader lodes of this survey, hereinbefore
described.

Thence N.25°30' E.

Over rolling land and along line 1-4 Wisconsin lode of
this survey.

160. Ravine 8 feet wide flows S.60° W.

980. Ravine 10 feet wide flows S.65° W.

1500. To Cor.No.3.

Feet. Identical with Cor.No.4.of the Wisconsin,Cor.No.1.
Flying Dutchman and Cor.No.2.Exchange No.2.lodes of
this survey,hereinbefore described.

Thence S.64°30' E.

Ascending South Westerly slope of the Copper World
hill and along line 2-1 Exchange No.2.lode of this
Survey.

50. Ravine 4 feet wide flows S.24° W.
300. Post,in mound of stone,scribed E.N.Ct.
570. Ridge bears N.10° W.and S.10° E.and descend North East-
erly slope of the Copper World hill.
600. To Cor.No.4.

Identical with Cor.No.3 Copper World,and South side
center of the Exchange No.2.lodes,both of this survey.

A Red wood post,4 feet long,4 ins,square set 18 ins,
in the ground,with mound of stone,scribed 4-3-1338A.

and Ex.No.2.S,S,Ct,whence.

Mouth of Shaft No.2 of this lode claim bears S.29°35' W.
550 feet.

No other bearings available.

Thence S.25°30' W.

80. Ridge bears S.10° E and N.10° W.and descend over West-
erly slope of the Copper World hill and along line
3-2 Copper World lode of this survey.
985. Foot of slope and ravine 10 feet wide flows S.75° W.
and line runs along North Westerly slope of the Leader
hill
1500. To Cor.No.1.the place of beginning.

LEADER LODE.

Beginning at Cor.No.1.

On line 1-4 New Mexico lode of this survey.

Identical with Cor.No.2.Tally Ho lode of this survey.

A Red wood post,4 feet long.4 ins square,set 18 ins,
in the ground,with mound of stone,scribed 1-2-1388 A.
whence

Feet.

U.S.L.M.No.1.bears S.65°55' E.2110 feet.

No other bearings available.

Thence N.64°30' W.

Over rolling land and along line 1-4 New Mexico lode of this survey.

300. Post,in mound of stone,scribed L.S.Ct.

450. Post,in mound of stone ,scribed N.M.N.S.Ct.

575. Center of Narrow Gauge Railroad track bears N.50°E.and S.50°W.

600. To Cor.No.2.

Identical with Cor.No.1.Water Wish lode of this survey hereinbefore described.

Thence N.25°30' E.

Over gently rolling land and along line 1-4 Water Wish lode of this survey.

340. Shaft 10 feet left of line.

455. Shaft 15 feet right of line.

750. Post,in mound of stone,scribed W.W.E.S.Ct.

1020. Center of Narrow Gauge Railroad track bears S.83°W. and S. 55° E.

1500. To Cor.No.3.

Identical with Cor.No.4.Water Wish and Cor.No.1. Wisconsin and also Cor.No.2 Exchange lodes of this survey,hereinbefore described.

Thence S.64°30' E.

Ascending Westerly slope of the Leader hill and along line 2-1 Exchange lode of this survey.

300. Post,in mound of stone,scribed L.N.Ct.and E.S.Ct.

600. To Cor.No.4.

Identical with Cor.No.1.Exchange,Cor.No.3.Tally Ho.and Cor.No.No.2.Copper World lodes of this survey,hereinbefore described.

Thence S.25°30' W.

Ascending Westerly slope of the Leader hill and along line 3-2 Tally Ho lode of this Survey.

(47)

Feet.
975. Ridge bears N.50° E. and S.50° W. and descend Southerly slope of the Leader hill.

1500, To Cor.No.1. the place of beginning.

TALLY HO LODE.

Beginning at Cor.No.1.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 1-1388 A. whence

U.S.L.M.No.1. bears S.66° 32' E. 1509 feet.

N.W. Cor. Lot No. 37, Omega lode, Albert Steinfeld, Claimant, bears N.14° 28' E. 242.3 feet.

Thence N.64° 30' W.

Over rolling land.

- 6. Road bears N.10° E. and S.10° W.
- 45. Ravine 10 feet wide flows S.65° W.
- 56.1. Intersect West end line of Lot No. 37, Omega lode, at S.27° 55' W. 238 feet from N.W. cor.
- 300. Post, in mound of stone, scribed T.H.S. Ct, and Cor.No.1. New Mexico lode of this survey, and along line 1-4 New Mexico lode.
- 600. To Cor.No.2.
Identical with Cor.No.1. Leader lode of this survey, hereinbefore described.

Thence N.25° 30' E.

Ascending Southerly slope of the Leader hill and along line 1-4 of the Leader lode of this survey.

- 525. Ridge bears N.50° E. and S.50° W. and descend Westerly slope of the Leader hill.
 - 1500. To Cor.No.3.
Identical with Cor.No.1. Exchange, Cor.No.4. Leader and Cor.No.2 Copper World lodes, of this survey, hereinbefore described.
-

(48)

Feet.

Thence S.64°30' E.

Ascending Westerly slope of the Leader hill and along line 2-1 Copper World lode of this survey.

255. Ridge bears N.25° E. and S.25° W. and descend Easterly slope of the Leader hill.

300. Post, in mound of stone, scribed T.H.N.Ct. and C.W.S.Ct.

600. To Cor.No.4.

on line 3-2 Copper Fend lode of this survey.

Identical with Cor.No.1. Copper World lode of this survey.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 4-1-1388 A. whence

Mouth of tunnel on the Copper Fend lode bears S.0°30'E. 358 feet. No other bearings available.

Thence S.25°30' W.

Along Eastern slope of the Leader hill and along line 3-2 Copper Fend lode of this survey.

985. Ravine 18 feet wide flows S.35° W.

1120. Road bears N.70° E and S.40° W.

1264.4. Intersect Northerly side line of Lot No.37, Omega lode at S.62°05' E.45.5 feet from N.W. Cor.

1500. To Cor.No.1. the place of beginning.

COPPER WORLD LODGE

Beginning at Cor.No.1.

On line 3-2 Copper Fend lode of this survey.

Identical with Cor.No.4. Tally No.lode of this survey, hereinbefore described, whence

U.S.L.M.No.1. bears S.20°38' E.2088 feet.

Thence N.64°30' W.

Ascending Eastern slope of the Leader Hill and along line 4-3 Tally No.lode of this survey.

300. Post, in mound of stone, scribed C.W.S.Ct. and T.H.N.Ct.

- Feet.
345. Ridge bears N.25°W. and S.25°W. and descend Western slope of the Leader hill.
600. To Cor.No.2.
Identical with Cor.No.1. Exchange, Cor.No.4. Leader, and Cor.No.3. Tally. No. lodes. of this survey, hereinbefore described.
-
- Thence N.25°30' E.
- Along Westerly slope of the Leader hill and along line 1-4 Exchange lode of this survey.
535. Ravine 10 feet wide flows S.75°W. and ascend Westerly slope of the Copper World hill.
1480. Ridge bears S.10°E. and N.10°W.
1500. To Cor.No.3.
On line 1-2 Exchange No.2. lode of this survey.
Identical with Cor.No.4. Exchange lode of this survey and post Ex, No.2. S.S. Ct. hereinbefore described,
-
- Thence S.64°30' E.
- Descending North Easterly slope of the Copper World hill and along line 1-2 Exchange No.2. lode of this survey.
300. Post. in mound of stone, scribed C.W.N. Ct.
600. To Cor.No.4.
On line 3-2 Owosko lode of this survey.
Identical with Cor.No.1. Exchange No.2. lode of this survey, hereinbefore described.
-
- Thence S.25°30' W.
- Ascending North Easterly slope of the Copper World hill and along line 3-2 Owosko lode of this survey.
894. Ridge bears N.10°W. and S.60°E. and descend Southerly slope of the Copper world hill
- 1264.4. Cor.No.2. Owosko lode and Cor.No.3. Copper Fend lodes of this survey.
1284. Foot and ravine 7 feet wide flows South, and ascend Easterly slope of the Leader hill.
1500. To Cor.No.1. the place of beginning.
-

(50)

Feet..

BLACK HORSE LODGE

Beginning at Cor.No.1.

at intersection of lines 2-1 Sur.No.1311, Antelope lode, The Rosemont Copper Company Claimant, and lines 4-3 Brunswick lode of this survey.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 1-1388 A. whence.

U.S.L.M.No.1. bears S.16°38' W. 3173 feet.

No other bearings available.

Thence N.62°05' W.

Over broken hills and along line 4-3 Brunswick lode of this survey.

115. Post, in mound of stone, scribed B.N.Ct.
 285. Ravine 10 feet wide flows N.15° E.
 415. Cor.No.3. Brunswick and Cor.No.4. Owsoko lodes of this survey.
 507.5. Post, in mound of stone, scribed B.H.S.S.Ct.
 1000. Ravine 5 feet wide flows North.
 1015. To Cor.No.2.

Identical with Cor.No.4 Exchange No, 2. and Cor, No.3. Owsoko lodes of this survey, hereinbefore described.

Thence N.19° E.

Over broken hills.

40. Ravine 6 feet wide flows North.
 300. Post, in mound of stone, scribed. B.H.W.Ct.
 385. Ravine 10 feet wide flows N.70° E.
 480. Ravine 10 feet wide flows East.
 600. To Cor.No.3.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 3-1388A. whence.

Cor.No.3. Sur.No.1303 Black Bess lode bears S.69°44' W. 124.8 feet.

No other bearings available.

Thence S.62°05' E.

Feet. Over rolling hills.

190. Ravine 15 feet wide flows N.70° E.

507.5. Post, in mound of stone, scribed B.H.N.S.Ct.

935. Ravine 15 feet wide flows N.20° E.

1015. To Cor.No.4.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 4-1388A. whence

Cor.No.2.Sur.No.1311 Antelope lode, The Rosemont Copper Company Claimant, bears S.19° W.54.2 feet.

No other bearings available.

Thence S.19° W.

Over broken hills.

54.2. Cor.No.2.Sur.No.1311 Antelope lode, and along line 2-1 of the said Antelope lode.

300. Post, in mound of stone, scribed, B.H.E.Ct.

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

OWOSKO LODGE.

Beginning at Cor.No.1.

Identical with Cor.No.4.Copper Fend, Cor.No.3.Little Dave and Cor.No.2 Brunswick lodes of this survey.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 1-4-3-2-1388A. whence

U.S.L.M.No.1.bears S.3° 08' E.1888 feet.

Face of Cut No.2.of the Owosko lode claim of the survey bears N.9° 45' E.433 feet.

Shaft No.2.on the Brunswick lode of this survey bears S.67° 30' E, 148 feet.

Thence N.68° 05' W.

Along Southerly slope of the Copper World hill and along line 4-3 Copper Fend lode of this survey.

300. Post, in mound of stone, scribed O.S.Ct, and C.F.N.Ct.

600. To Cor.No.2.

on line 1-4 Copper World lode of this survey.

(52)

Feet. Identical with Cor.No.3.Copper Fend lode of this survey,
A Red wood post,4 feet long,4 ins,square, set 18 ins,
in the ground,with mound of stone,scribed 2-3.1388A.
No bearings available.

Thence N.25°30' E.

Ascending Southerly slope of the Copper World hill
and along line 1-4 Copper World lode of this survey,
370. Ridge bears N.10°W.and S.60°E, and descend Northerly
slope of the Copper World hill.

1264.4. Cor.No.4.Copper World and Cor.No.1.Exchange No.2.
Lodes of this survey.and
along line 1-4 Exchange No.2.lode.

1364.4. Post,in mound of stone,scribed Ex.No.2.E.Ct.

1500. To Cor.No.3.

Identical with Cor.No.4.Exchange No.2.and Cor.No.2.
Black Horse lodes of this survey,hereinbefore des-
cribed.

Thence S.62°05' E.

Over broken hills and Along line 2-1 Black Horse lode
of this survey.

15. Ravine 5 feet wide flows North.

300. Post ,in mound of stone,scribed O.N.Ct.

507.5. Post,in mound of stone,scribed B.H.S.S.Ct.

600. To Cor.No.4.

Identical with Cor.No.3.Brunswick lode of this survey.
A Red wood post,4 feet long,4 ins,square, set 18 ins,
in the ground,with mound of stone,scribed 4-3-1388A.
whence

An Oak 13 ins,dia.blazed and scribed,B.T.4-3-1388A.
bears S.47°W.196 feet.

An Oak 14 ins,dia.blazed and scribed,B.T.4-3-1388A.
bears S.12°43'E.222 feet.

Thence S.25°30' W.

Ascending North slope of the Copper World hill,and
along line 3-2 Brunswick lode of the survey.

Feet.

1060. Ridge bears S.35° E. and N.35° W. and descend Southerly slope of the Copper World hill.

1500. To Cor.No.1. the place of beginning.

COPPER FEND LODGE.

Beginning at Cor.No.1.

On North side line of Lot No.37 Omega Lode.

Identical with Cor.No.2.Little Dave Lode of this survey.

A Red wood post, 4 feet long.4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 1-2-1388A.

whence

U.S.L.M.No.1.bears S.54° 50' E.919.5.feet.

No.other bearings available.

Thence N.62° 05' W.

Descending the North Westerly slope of the Omega hill and along North side line of Lot.No.37.Omega lode,

300. Post, in mound of stone, scribed C.F.S.Ct.

600. To Cor.No.2.

On line 1-4 Tally Ho lode of this survey.

A Red wood post, 4 feet long.4 ins, square, set, 18 ins, in the ground, with mound of stone, scribed 2-1388 A.

whence

N.W.Cor.of Lot No.37 Omega Lode, bears N.62° 05' W.45.5 ft.

No other bearings available.

Thence N.25° 30' E.

Over broken ground and along line 1-4 Tally Ho lode of this survey.

144. Road bears N.70° E and S,40° W.

279. Ravine 13 feet wide flows S.35° W. and line runs along Eastern slope of the Leader Hill.

1264.4.Cor.No.4.Tally Ho and Cor.No.1.Copper World lodes of this survey.

1480. Ravine 6 feet wide flows South.

1500. To Cor.No.3.

Feet. Identical with Cor. No. 2, Owosko lode of this survey, hereinbefore described.

Thence S. 62° 05' E.

Along Southern slope of the Copper World hill and along line 2-1 Owosko lode of this survey.

300. Post, in mound of stone, scribed C.F.N.Ct. and O.S.Ct.
600. To Cor. No. 4.

Identical with Cor. No. 1, Owosko, Cor. No. 3, Little Dave and Cor. No. 2, Brunswick lodes of this survey, hereinbefore described.

Thence S. 25° 30' W.

Descending South slope of the Copper World hill and along line 3-2 Little Dave lode of this survey.

670. Ravine 20 feet wide flows S. 60° W. and ascend North Westerly slope of the Omega hill.
750. Post, in mound of stone, scribed L.D.W.S.Ct.
1185. Road bears S. 50° E. and N. 70° W.
1500. To Cor. No. 1, the place of beginning.

LITTLE DAVE LODGE.

Beginning at Cor. No. 1.

On North side line of Lot No. 37, Omega lode.

Identical with Cor. No. 1, Isle Royale lode of this survey.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 1-1-1388A.
whence

U.S.L.M. No. 1, bears S. 41° 42' E. 333 feet.

N.E. Cor. of Lot No. 37 Omega Lode and N.W. Cor. of Lot No. 38 Omega 1st, Ex. South lode bears S. 62.05 E. 203 feet.

Thence N. 62° 05' W.

Descending abrupt and broken North Westerly slope of the Omega hill and along North side line of Lot No. 37 Omega lode.

265. Road bears N. 15° W. and S. 40° E.
300. Post, in mound of stone, scribed L.D.S.Ct.
600. To Cor. No. 2.

(55)

Feet. Identical with Cor.No.1.Copper Fend lode of this survey, hereinbefore described.

Thence N.25°30' E.

Descending over NorthWest slope of the Omega hill, and along line 1-4 Copper Fend lode of this survey.

315. Road bears S.50° E. and N.70° W.

750. Post, in mound of stone, scribed L.D.W.S.Ct.

830. Ravine 20 feet wide flows S.60° W. and ascend Southern slope of the Copper World hill.

1500. To Cor.No.3.

Identical with Cor.No.1.Owosko, Cor.No.4.Copper Fend and Cor.No.2 Brunswick lodes of this survey, hereinbefore described.

Thence S.62°05' E.

Along Southerly slope of the Copper World hill and along line 2-1 Brunswick lode of this survey.

300. Post in mound of stone, scribed L.D.N.Ct, and B.S.Ct.

600. To Cor.No.4.

on line 1-2 Pilot lode of this survey.

Identical with Cor.No.1.Brunswick lode of this survey.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 4-1-1388A. No bearings available.

Thence S.25°30' W.

Descending South slope of the Copper World hill and along line 1-2 Pilot lode of this survey.

384. Cor.No.1.Pilot and Cor.No.2.Indian Club lodes of this survey, and

along line 2-1 Indian Club Lode.

414. Ravine 10 feet wide flows S.80° W. and ascend Northerly slope of the Omega hill.

600. Post, in mound of stone, scribed I.C.W.Ct.

750. Post, in mound of stone, scribed L.D.E.S.Ct.

900. Cor.No.1.Indian Club and Cor.No.2.Isle Royale lodes of this survey, and

along line 2-1 Isle Royale lode of this survey.

Feet.

1200. Post scribed I.R.W.Ct.

1500. To Cor.No.1.the place of beginning.

BRUNSWICK LODE.

Beginning at Cor.No.1.

on line 1-2 Pilot lode of the survey.

Identical with Cor.No.4.Little Dave lode of this survey,hereinbefore described.whence

U.B.L.M.No.1.bears S.14°55'W. 1656 feet.

Thence N.62°05'W.

Along Southern slope of the Copper World hill and along line 4-3 Little Dave lode of this survey.

300. Post,in mound of stone,scribed B.S.Ct,and L.D.M.Ct.

600. To Cor.No.2.

Identical with Cor.No.1.Owosko,Cor.No.4.Copper Pond and Cor,No, 3 Little Dave lodes of this survey.hereinbefore described.

Thence N.25°30'E.

Ascending Southerly slope of the Copper World hill and along line 4-1 Owosko lode of the survey.

440. Ridge bears S.35°E.and N.35°W.and descend Northern slope of the Copper World hill.

1500. To Cor.No.3.

On line 1-2 Black Horse lode of this survey.

Identical with Cor.No.4.Owosko lode of the survey.hereinbefore described.

Thence S.62°05'E.

Over broken hills and along line 1-2 Black Horse lode of this survey.

130, Ravine 10 feet wide flows N.15°E.

300. Post,in mound of stone,scribed B.N.Ct.

415. Cor.No.1.Black Horse lode of this survey and intersect line 2-1 Sur,No.1311 Antelope lode ,at N.19°E.711.2.ft from Cor.No.1.

600. To Cor.No.4.

(57)

- Feet.
- A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 4-1388A.
No bearings available.
-
- Thence S. 25° 30' W.
- Over broken hills.
485. Ravine 10 feet wide flows N. 40° W. and ascend Northeasterly slope of the Copper World hill.
687. Intersect line 1-4 Sur. No. 1311. Antelope lode, at S. 71. E. 105 feet from Cor. No. 1. on line 2-1 Pilot lode of this survey.
1274. Ridge bears N. 45° W. and S. 65° E. and descend Southeasterly slope of the Copper World hill.
1294. Post, in mound of stone, scribed P. W. S. Ct.
1500. To Cor. No. 1. the place of beginning.

PILOT LODE.

- Beginning at Cor. No. 1.
- On line 4-1 Little Dave lode of this survey.
- Identical with Cor. No. 2. Indian Club lode of this survey.
- A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 1-21388A.
whence
- U. S. L. M. Nol. bears S. 11° 43' W. 1273 feet.
- An Oak 22 ins, dia, blazed and scribed B. T. 1-2-1388A. bears S. 27° 20' E. 112 feet.
- An Oak 15 ins, dia, blazed and scribed B. T. 1-21388A. bears S. 37° 35' W. 129 feet.
-
- Thence N. 25° 30' E.
- Ascending Southerly slope of the Copper World hill and along line 4-1 Little Dave lode of this survey.
394. Cor. No. 4. Little Dave and Cor. Nol. Brunswick lodes of this survey, and along line 1-4 Brunswick lode of this survey.
600. Post, in mound of stone, scribed P. W. S. Ct.
620. Ridge bears N. 45° W. and S. 65° E. and descend North slope of the Copper World hill.

Feet.
1207.

To Cor.No.2.

on line 1-4 Sur, No. 1311 Antelope lode at S. 71° E. 105 feet from Cor. No. 1.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 2-1388A.

whence

An Oak 8 ins, dia, blazed and scribed B.T. 2-1388A. bears S. 67° 30' E. 72 feet.

An Oak, 12 ins, dia, blazed and scribed B.T. 2-1388A. bears S. 32° 45' E. 132 feet.

Thence S. 71° E.

Over broken ground and along line 1-4 Sur, No. 1311, Antelope lode.

195. Post, in mound of stone, scribed I.M.A.

220.. Gulch 6 feet wide flows N. 35° W.

301.8. Post, in mound of stone, scribed P.N.Ct.

495. Cor. No. 4. Sur. No. 1311 Antelope lode, The Rosmont Copper Company claimant,

589.1. Intersect line 3-2 Sur. No. 1312, Baltimore lode, The Rosmont Copper Company claimant, at S. 89° 15' W. 210 ft from Cor. No. 3.

603.6. To Cor. No. 3.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone. scribed 3-1388A.

whence

Cor. No. 3. Sur. No. 1312. Baltimore lode bears N. 87° 50' E. 196.3, feet.

Cor. No. 4 Sur. No. 1311 Antelope lode bears N. 71° W. 108.6 ft.

Thence S. 25° 30' W.

Over low rolling hills.

496.8. Intersect line 1-2 Sur. No. 1312 Baltimore lode, at N. 19° 02' W. 356.9 feet from Cor, No. 1.

607. Cor. No. 2. A.O.T. lode of this survey and post scribed P.E.S.Ct. and

along line 2-1 A.O.T. lode of this survey.

907. Post. in mound of stone, scribed A.O.T.W.Ct.

(59)

- Feet.
1127. Ravine 6 feet wide flows S.85°W.
1207. To Cor.No.4.
Identical with Cor.No.1.A.O.T.and Cor.No.3.Indian Club
lodes of this survey.
A Red wood post,4 feet long,4 ins,square,set 18 ins,
in the ground,with mound of stone,scribed 4-1-3-1388A.
whence
An Oak 15 ins,dia,blazed and scribed B.T.4-1-3-1388A.
bears N.67°15'E.70 feet.
An Oak 7 ins,dia.blazed and scribed B.T.4-1-3-1388A.
bears N.78°35'W.89 feet.
-
- Thence N.71°W.
Over broken ground and along line 3-2 Indian Club
lode of this survey.
70. Ravine 10 feet wide flows N.60°W.
- 301.8 Post,in mound of stone,scribed P.S.Ct.
430. Ravine 10 feet wide flows N.75°W.
- 603.6 To Cor.No.1.the place of beginning.
-
- A.O.T.LODE.
Beginning at Cor.No.1.
Identical with Cor.No.4.Pilot and Cor.No.3 Indian Club
lodes of this survey,hereinbefore described,whence
U.S.L.M.No.1.bears S.38°12'W.1338 feet.
-
- Thence N.25°30'E.
Over low rolling hills and along line 4-3 Pilot lode
of this survey.
80. Ravine 6 feet wide flows S.85°W.
300. Post,in mound of stone,scribed A.O.T.W.Ct.
600. To Cor.No.2.
A Red wood post,4 feet long,4 ins,square,set 18 ins,
in the ground,with mound of stone,scribed 2-1388A.
and P.F.S.Ct. whence
An Oak 10 ins,dia.blazed and scribed B.T.2-1388A.bears
S.75°18'E.150 feet.
An Oak,6 ins,dia,blazed and scribed B.T.2-1388A.bears

Foot. S.80°36' E.113 feet.

Thence S.62°05' E.

Over rough broken ground.

113-2. Intersect line 1-2 Sur No.1312 Baltimore lode, at

N.19°02' W.195.5 feet from Cor.No.1.

499-2. Intersect line 4-1 Sur.No.1312 Baltimore lode, at

S.89°15' W.277.4 feet from Cor.No.1.

570. Post, in mound of stone, scribed A.O.T.N.S.Ct.

1140. To Cor.No.3.

A red wood post, 4 feet long, 4 ins, square, set 18 ins,
in the ground, with mound of stone, scribed 3-1388A.

whence

Cor.No.1 Sur.No.1308, King lode, The Rosemont Copper Co,

Claimant, bears S.49°50' W.183.4 feet

An Oak 18 ins, dia. blazed and scribed B.T.3-1388A.

bears S.22°10' W.16 feet.

An Oak 9 ins, dia. blazed and scribed B.T.3-1388A. bears

S.77°50' W.55 feet.

Thence S.25°30' W.

Descending over rough broken ground.

83.4. Intersect line 1-2 Sur.No.1308 King lode, at N.67°40' E.

112.7 feet from Cor.No.1.

235.4. Intersect line 1-4 Sur.No.1308 King lode at S.22°20' E.

192.1 feet from Cor.No.1.

300. Post, in mound of stone, scribed A.O.T.E.Ct.

469. Intersect line 2-1 Vulture lode of this Survey.

600. To Cor.No.4.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins,
in the ground, with mound of stone, scribed 4-1388A.

whence

An Oak 12 ins, dia. blazed and scribed B.T.4-1388A. bears

N.32°40' E.17 feet.

An Oak 10 ins, dia, blazed and scribed B.T.4-1388A.

bears N.62°25' W.64 feet.

Feet. Thence N.62°05' W.
 Over rough broken hills.
 50.8. Intersect line 2-1 Vulture lode of this survey.
 240. Cor.No.4. Indian Club lode of this survey, and
 along line 3-2 Indian Club.
 570. Post, in mound of stone, scribed A.O.T.S.S.Ct.
 990. Post, in mound of stone, scribed I.C.N.S.Ct.
 1140. To Cor.No.1. the place of beginning.

INDIAN CLUB LODE.

Beginning at Cor.No.1.
 On line 1-4 Little Dave lode of this survey.
 Identical with Cor.No.2. Isle Royale lode of this survey.
 A Red wood post, 4 feet long, 4 ins, square, set 18 ins,
 in the ground, with mound of stone, scribed. 1-21388A.
 whence
 U.S.L.M.No.1. bears S.2°38' W. 791 feet.
 Face of Cut No.4. on the Vulture lode bears N.88°E, 250ft.
 Face of Cut and mouth of Tunnel, on this lode, run for
 the development of the Vulture lode of this survey,
 bears S.63°E. 335 feet.

Thence N.25°30' E.

Descending over rough Northerly slope of the Omega hill
 and along line 1-4 Little Dave lode of this survey.
 150. Post, in mound of stone, scribed, L.D.E.S.Ct.
 300. Post, in mound of stone, scribed I.S.W.Ct.
 486. Ravine 10 feet wide flows S 80° W.
 506. To Cor.No.2.
 Identical with Cor.No.1. Pilot lode of this survey,
 hereinbefore described.

Thence S.71' E.

Over broken ground and along line 1-4 Pilot lode of
 this survey.
 173. Ravine 10 feet wide flows N.75° W.
 301.8. Post. in mound of stone, scribed P.S.Ct.
 533. Ravine 10 feet wide flows N.50° W.
 603.6. To Cor.No.3.
 Identical with Cor.No.4 Pilot and Cor.No.1. A.O.T. lodes

Feet. of this survey, hereinbefore described.

Thence S. 62° 05' E.

Over rough broken hills and along line 1-4 A.O.T. lode of this survey.

150. Post, in mound of stone, scribed I.C.M.S.Ct.
 570. Post, in mound of stone, scribed A.O.T.S.S.Ct.
 900. To Cor. No. 4.

A red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 4-1388A.

whence

An Oak 16 ins, dia. blazed and scribed B.T. 4-1388A. bears S. 22° 30' W. 52 feet.

An Oak 5 ins, dia. blazed and scribed B.T. 4-1388A. bears S. 82° 20' W. 41 feet.

Thence S. 25° 30' W.

Over rough broken hills.

57. Ridge bears N. 75° W. and S. 75° E.
 285. Ravine 10 feet wide flows N. 50° W.
 300. Post in mound of stone, scribed I.C.E.Ct.
 488. Intersect line 1-2 Vulture lode of this survey.
 600. To Cor. No. 5.

A red wood post, 4 feet long, 4 ins, square, set 18 ins in the ground, with mound of stone, scribed 5-1388A. No bearings available.

Thence N. 62° 05' W.

Along rough and rugged slope of the Omega Hill.

- 43.4. Intersect line 1-2 Vulture lode of this survey.
 100. Cor. No. 3. Isle Royale lode of this survey, and along line 3-2 Isle Royale lode.
 750. Post, in mound of stone, scribed I.C.S.S.Ct.
 800. Post, in mound of stone scribed I.R.N.S.Ct.
 1500. To Cor. No. 1. the place of beginning.

ISLE ROYALE LODGE.

Beginning at cor. No. 1.

Feet. On North side line of Lot No. 37. Omega lode.
 Identical with Cor. No. 1. Little Dave lode of this survey, hereinbefore described. whence
 U.S.L.M. No. 1. bears S. 41° 42' E. 333 feet.
 The N.E. Cor. of Lot No. 37. Omega lode and the N.W. Cor. of Lot No. 38. Omega, 1st Extension South, bears S. 62° 05' E. 203 feet.

Thence N. 25° 30' E.

Descending abrupt Northern slope of the Omega hill. and along line 1-4 Little Dave lode of this survey.
 300. Post, in mound of stone, scribed I.R.W.Ct.
 600. To Cor. No. 2.

Identical with Cor. No. 1. Indian Club lode of this survey, hereinbefore described.

Thence S. 62° 05' E.

Along rough Northern slope of the Omega hill and on line 1-5 Indian Club lode of this survey.
 700. Post, in mound of stone, scribed I.R.N.S.Ct.
 750. Post, scribed I.G.S.S.Ct.
 1400. To Cor. No. 3.

A red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 3-1388A. whence.

An Oak 15 ins, dia. blazed and scribed B.T.3-1388A. bears N. 47° 25' W. 65 feet.

No other bearings available.

Thence S. 25° 30' W.

Ascending steep slope of the Omega hill.
 145.9. Intersect line 1-2 Vulture lode of this survey.
 285. Intersect line 1-4 Vulture lode of this survey.
 300. Post, in mound of stone, scribed I.R.E.Ct.
 500. Ridge bears N. 50 W. and S. 50 E. and descend Southern slope of the Omega hill.
 600. To Cor. No. 4.
 On North side line of Lot No. 38. Omega 1st, Ex, South. Albert Steinfeld claimant.

Feet.

A red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed, 4-1388A. whence.

N.E. Cor. Lot. No. 38. Omega 1st, Ex, South. bears S. 62° 05' E. 286 feet.

No other bearings available.

Thence N. 62° 05' W.

Along precipitous Southern slope of the Omega hill, and along North side line of Omega 1st, Ex. South lode.

700. Post, in mound of stone, scribed I.R.S.S.Ct.

1197. N.W. Cor. Lot No. 38 Omega 1st, Ex. South and N.E. Cor. Lot. No. 37. Omega lodes.

1400. To Cor. No. 1. the place of beginning.

VULTURE LODGE.

Beginning at Cor. No. 1.

A Red wood post, 4 feet long, and 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed -1-1388A. whence.

U.S.L.M. No. 1. bears N. 86° 17' W. 1133 feet.

An Oak 15 ins, dia, blazed and scribed B.T. 1-1388A. bears S. 17° 35' E. 1112 feet.

No other trees within limits.

Thence N. 47° E.

Ascending Northerly slope of the Omega hill.

110.2. Intersect line 3-4 Isle Royale lode of this survey.

264.5. Intersect line 5-1 Indian Club lode of this survey.

382.9. Intersect line 5-4 Indian Club lode of this survey.

590. Ravine 6 feet wide flows N. 55° W. and over rough hills.

611.2. Post, in mound of stone, scribed V.M.S.Ct.

850. Ridge bears N. 75° W. and S. 75° E.

898.9. Intersect line 4-1 A.O.T. lode of this survey.

1037.4. Intersect line 4-3 A.O.T. lode of this survey.

1222.4. To Cor. No. 2.

On line 1-4 Sur, No, 1308 King lode, at S. 22° 20' E. 193.6 feet from Cor. No. 1.

A red wood post, 4 feet long, 4 ins, square, set 18 ins,

Feet.

in the ground, with mound of stone, scribed 3-1388A.

whence.

Cor. No. 1. Sur. No. 1308 King lode bears N. 22° 20' W. 193.6 feet. No other bearings available.

Thence S. 22° 20' E.

Ascending over N.W. slope of the Alta Hill and along line 1-4. Sur. No. 1308 King lode

300. Post, in mound of stone, scribed V. E. Ct.

600. To Cor. No. 3.

At intersection of line 4-1, Sur. No. 1308 King lode and line 2-1. Sur. No. 1308 Exile lode, The Rosemont Copper Company Claimant.

A Red wood post. 4 feet long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 3-1388A. whence.

Cor. No. 2. Sur. No. 1308 Exile lode bears N 47° E. 277.6 ft.

Cor. No. 4. Sur. No. 1308 King lode bears S. 22° 20' E. 706.4 ft.

An Oak 15 ins. dia blazed and scribed B.T. 3-1388A. bears S. 31° 50' W. 69 feet.

An Oak 14 ins. dia blazed and scribed B.T. 3-1388A, bears S. 27° 40' W. 55 feet.

Thence S 47° W.

Along N.W. slope of the Alta Hill and along line 2-1 Sur. No. 1308 Exile lode.

611.2. Post, in mound of stone, scribed V. S. S. Ct.

1322.4. To Cor. No. 4.

Identical with Cor. No. 1. Sur. No. 1308 Exile lode, whence

An Oak 12 ins. dia, blazed and scribed, B.T. 4-1388 A.

bears N. 42° 10' W. 11-5 feet.

An Oak 18 ins. dia blazed and scribed B.T. 4-1388 A.

bears S. 78° W. 51 feet.

N.E. Cor. Lot No. 38. Omega 1st. Ex. South, bears N. 44° 20' W. 127 feet.

Thence N. 22° 20' W.

Descending North Westerly slope of the Alta Hill.

Feet.

300. Post, in mound of stone, scribed V.W.Ct.
545.5. Intersect line 3-4 Isle Royale lode of this survey.
600. To Cor. No. 4. the place of beginning.

Variation at all corners of the foregoing lodes
12° 35' E.

AREAS.

Total area of Boston Lode -----	17.17	acres.
Less area in conflict with		
Telephone Lode of this survey -----	.83	"
Survey No. 1305 Monitor Lode -----	.11	"
Net area of Boston lode -----	16.23	acres
Total and net area of Telephone lode -----	20.66	"
Total area of Elgin Lode -----	15.06	acres
Less area in conflict with --		
Survey No. 1304 Newman Lode -----	.001	"
Telephone Lode of this survey -----	.63	"
Net area of Elgin Lode -----	14.428	"
Total area of General Lode -----	16.26	acres.
Less area in conflict with		
Hattie Lode of this survey -----	6.56	"
Net area of General Lode -----	9.70	"
Total area of Dan Lode -----	5.86	acres
Less area in conflict with General Lode of this survey -		
Elgin lode of this survey -----	1.09	"
Telephone lode of this survey -----	.91	"
Wedge Lode of this survey -----	.71	"
Net area of Dan Lode -----	2.48	"
Total area of Wedge Lode -----	20.21	acres
Less area in conflict with		
Telephone Lode of this survey -----	.90	"
Net area of Wedge Lode -----	19.31	"
Total area of Hattie Lode -----	15.25	acres
Less area in conflict with		
Sur. No. 1304 Newman Lode -----	.43	"
West End Lode of this survey -----	2.63	"
Net area of Hattie Lode -----	12.19	"
Total area of West End Lode -----	19.94	acres
Less area in conflict with		
Survey No. 1304 Newman Lode -----	.41	"
Net area of West End Lode -----	19.53	"
Total area of Telemeter Lode -----	9.37	acres
Less area in conflict with		
Blackhawk Lode of this survey -----	1.21	"
Net area of Telemeter Lode -----	8.16	"
Total area of Blackhawk Lode -----	16.01	acres
Less area in conflict with		
Survey No. 1304 Newman Lode -----	4.65	"
Net area of Blackhawk Lode -----	11.36	"
Total and net area of Chance Lode -----	20.66	"
Total and net area of Recorder Lode -----	6.07	"
Total area of SILVER SPUR LODE -----	10.17	acres
Less area in conflict with		
American lode of this survey -----	1.56	"
Net area of Silver Spur lode -----	8.61	acres
Total and net area of Slide Lode -----	12.88	"
Total and net area of the Backbone Lode -----	19.07	"
Total and Net area of Old Dick Lode -----	20.38	"
Total and net area of the American Lode -----	20.38	"
Total and net area of the Heavy Weight Lode -----	20.66	"
Total and net area of the Buzzard Lode -----	20.66	"

Total and net area Light Weight Lode -----	20.66	acres.
Total and net area of Grizzly Lode -----	20.66	"
Total and net area New Mexico Lode -----	15.13	"
Total and net area of Water Wish Lode -----	20.66	"
Total and net area of Wisconsin Lode -----	20.66	"
Total area Flying Dutchman Lode -----	20.66	acres
Less area in conflict with		
Sur.N.1303 Black Bess Lode -----	.28	"
Net area Flying Dutchman Lode -----	20.38	"
Total area Exchange No. 2 Lode -----	8.75	acres
Less area in conflict with		
Sur.NO.1303 Black Bess Lode -----	2.16	acres
Net area of Exchange No. 2 Lode -----	6.59	"
Total and net area of Exchange Lode -----	20.66	"
Total and net area of Leader Lode -----	20.66	"
Total area of Tally Ho Lode -----	20.66	acres
Less area in conflict with		
Sur.Lot.No.37 Omega Lode -----	.28	"
Net area Tally Ho Lode -----	20.38	"
Total and net area of Copper World Lode -----	20.66	"
Total and net area of Black Horse Lode -----	13.81	"
Total and net area of Owo's Lode -----	20.66	"
Total and net area of Copper Pond Lode -----	20.66	"
Total and net area of Little Dave Lode -----	20.66	"
Total area of Brunswick Lode -----	20.66	acres
Less area in conflict with		
Sur.No.1311 Antelope Lode -----	2.20	"
Net area of Brunswick Lode -----	18.46	"
Total area of Pilot Lode -----	16.62	acres
Less area in conflict with		
Sur.NO.1312 Baltimore Lode -----	1.92	"
Net area of Pilot Lode -----	14.70	"
Total area of A.O.T.Lode -----	15.68	acres
Less area in conflict with		
Sur.No.1312 Baltimore Lode -----	.52	"
Sur.No.1308 King Lode -----	.13	"
Vulture Lode of this survey -----	.76	"
Net area of A.O.T.Lode -----	14.20	"
Total area of Indian Club Lode -----	19.98	acres
Less area in conflict with		
Vulture Lode of this survey -----	.56	acres
Net area of Indian Club Lode -----	19.42	"
Total area of Isle Royale Lode -----	19.23	acres
Less area in conflict with		
Vulture Lode of this survey -----	.65	"
Net area of Isle Royale Lode -----	18.63	"
Total and net area of Vulture Lode -----	15.75	"
Total net area of Lode claims -----	667.47	acres.

Fett.

Survey 1388.B.

BOSTON MILL SITE.

Beginning at Cor.No.1.

On line 2-1 Telephone Mill site of this survey.

Identical with Cor.No.4 Elgin Millsite of this survey.

A Red wood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 1-4-1388 B.

Whence

U.S.L.M.No.1.bears S.83°04' E.7044 feet.

Cor.No.1.Survey No.1388 A.Boston lode of this survey bears N.31°30' W.254.7 feet.

Thence S.12°58' W.

Over rolling land and along line 4-3 Elgin Millsite of this survey.

20. Right bank of Wash 50 ft.wide flows W!

582.5 To Cor.No.2.

Identical with Cor.No.3 Elgin Millsite of this survey.

A Red wood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed 2-3-1388 B.

No bearings available.

Thence N.89°38' W.

Over rolling land.

357.6 To Cor.No.3.

A Red wood post, 4 ft. long, 4 ins. square, set 18 ins. in the ground with mound of stone, scribed 3-1388 B.

No bearings available.

Thence N.12°58' E.

Over rolling land.

600.0 Left bank of wash 50 ft.wide flows West.

Feet.
661.00 To Cor.No.4.

Identical with Cor.No.2.Telephone Mill site and Cor.
No.2 Telephone Lode,both of this survey,hereinbefore
described.

Thence S.77°02' E.

Over broken land,and on line 2-1 Telephone Mill site
of this survey.

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

ELGIN MILL SITE.

Beginning at Cor.No,1.

On line 1-2 Telephone Mill site of this survey.

Identical with Cor.No.4.Recorder Mill site of this survey.

A Red wood post,4 ft.long,4 ins,square,set 18 ins.in the
ground,with mound of stones,scribed 1-4-1388 B.whence

U.S.L.M.No.1.bears S.83°26' E.6642 feet.

Cor.No.2.Sur.No.1388,A.Elgin lode of this survey bears
N.2°42' W.651 ft.

Thence S.12°58' W.

Over rolling land,and along line 4-3 Recorder Mill-
site of this survey.

492.00 To Cor.No.2.

Identical with Cor.No.3 Recorder Mill site of this
survey.

A Red wood post,4 ft.long,4 ins.square,set 18 ins,in
the ground,with mound of stones,scribed,2-3 1388 B.

No bearings available.

Thence N.89°38' W.

Over rolling land.

Feet.

415.00 To Cor.No.3.

Identical with Cor.No.2.Boston Mill site of this survey.hereinbefore described.



Thence N.12°58'E.

Over rolling land,and along line 2-1 Boston Mill site of this survey.

512.5. Left Bank of Wash 50 ft.wide flows West.

582.5.To Cor.No.4.

Identical with Cor.No.1.Boston Mill site of this survey,hereinbefore described

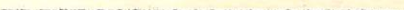


Thence S.77°02'E.

Over rolling land,and along line 2-1 Telephone Mill-site of this survey.

310.00 Right bank of wash 40 ft,wide flows S.W.

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



RECORDER MILL SITE.

Beginning at Cor.No.1.

On line 1-2 Telephone Mill site of this survey.

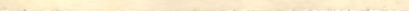
Identical with Cor.No.4.American Mill site of this survey.

A Red wood post,4 ft.long,4 ins,square,set 18 ins,in the ground,with moind of stones,scribed,1-4-1388 B. whence,

U.S.L.M.No.1.bears S.83°55'E.6172 ft.

Cor.No.3.Sur.No.1388 A.Recorder lode of this survey bears N.22.34'E. 1821 ft.

S.W.Cor.of Smelter building,on Telephone Mill site bears N.29°38'W.23 ft.



Feet.

Thence S.12°58' W.

Over rolling land and along line 4-3 American Mill site of this survey.

230. Right bank of wash 30 ft, wide flows N.80° W.

386.1 To Cor.No,2.

Identical with Cor.No.3, American Mill site of this Survey.

A Red wood post, 4 feet long, 4 ins. square, set 18 ins. in the ground, with mound of stones, scribed 2-3-1388 B. No bearings available.

Thence N.89°38' W.

Over rolling land.

485.7 To Cor.No,3.

Identical with Cor.No,2, Elgin Mill site of this survey. hereinbefore described.

Thence N.12°58' E.

Over rolling land and along line 2-1 Elgin Mill site of this survey.

492. To Cor.No.4.

Identical with Cor.No,1, Elgin Mill site of this survey hereinbefore described.

Thence S.77°02' E.

Over rolling land and along line 2-1 Telephone Mill site of this survey.

60. Left bank of wash 50 feet wide flows N.W.

474. To cor.No.1, the place of beginning.

AMERICAN MILL SITE.

Beginning at Cor.No.1.

On line 2-1 Wedge Mill site of this survey.

Identical with Cor.No.4, Old Dick Mill site of this survey.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins,

- Feet. in ground, with mound of stone, scribed 1-4-1388 B.
whence
U.S.L.M.No.1.bears S.84°52' E.5479 feet.
Cor.No.3, Survey No.1388 A.American lode, bears N.38°13' E.
1583 feet.
- Thence S.12°58' W.
- Over rolling land and along line 4-3 Old Dick Mill
site of this survey.
78. Center of Narrow Gauge Railroad track bears S.67°30' E.
and N.67°30' W.
- 229.6 To Cor.No.2.
Identical with Cor.No.3.Old Dick Mill site of this
survey.
A Red wood post, 4 ft.long, set 18 ins.in the ground,
post 4 ins, square, with mound of stone, scribed 2-3-
1388 B.whence
N.E.Cor.of an adobe house bears N.13°50' W.38 feet.
No other bearings available.
- Thence N.89°38' W.
- Over rolling land.
57. East wall of Superintendents house 23 ft.North of S.E
cor.of West wing.
71. West wall of Superintendents house 36 ft, South of N.W.
cor.of building.
- 220 Right bank of wash 40 ft.wide flows N.20° W.
- 717.3 To Cor.No.3.
Identical with Cor.No.2.Recorder Mill site of this
survey, hereinbefore described.
- Thence N.12°58' E.
- Over rolling land and along line 2-1 Recorder Mill
site of this survey!
126. Left bank of wash 30 ft.wide floww N.80° W.

(74)

Feet.

386.1. To Cor.No.4.

Identical with Cor.No,1.Recorder Mill site of this survey.hereinbefore described.

Thence S.77°02'E.

Over rolling land and along line 1-2 Telephone Mill site of this survey.

118.1 Cor.No.1-2.Telephone and Dan Mill sites of this survey.and along line 2-1 Dan Mill site

395.7 Center of Narrow Gauge Railroad track bears S.46°E. and N.46°W.

422.7 Cor.1-2 Dan and Wedge Mill sites of this survey. Along line 2-1 Wedge Mill site of this survey.

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

OLD DICK MILL SITE.

Beginning at Cor.No.1.

Identical with Cor.No.1.Wedge Mill site and Cor.No.2. Wedge Lode,both of this survey,hereinbefore described. whence

U.S.L.M.No.1.bears,S.85°48'E.4904 feet.

Cor.No.3.sur,No.1388 A.Old Dick lode,of this survey, bears N.10°43'E.852 feet.

Thence S.12°58'W.

Over rolling land.

100. To Cor.No.2.

A Red wood post,4 feet long,4 ins.square,set 18 ins, in the ground,with mound of stone,scribed 2-1388 B. No bearings available.

Thence N.89°38'W.

Over rolling land.

Feet.
595.3

To Cor.No.3.

Identical with Cor.No.2.American Mill site of this survey,hereinbefore described.

Thence N.12°58'E.

Over rolling land and along line 2-1 American Mill site of this survey

151.6. Center of Narrow Gauge Railroad track bears S.67°30'E.
and N.67°30'W.

229.6. To Cor.No.4.

Identical with Cor.No.1.American Mill site of this Survey,hereinbefore described.

Thence S.77°02'E.

Over rolling land and along line 2-1 Wedge Mill site of this survey.

396. Center of Narrow Gauge Railroad track bears N & S.70°W.

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

TELEPHONE MILL SITE.

Beginning at Cor.No.1.

On line 4-1 American Mill site of this survey.

Identical with Cor.No.2.Dan Mill site of this survey.

A Red wood post,4 ft.long,4 ins.square,set 18 ins,in the ground,with mound of stone,scribed 1-2-1388 B.
whence

U.S.L.M.No.1.bears S.84°05'E.6054 ft.

Cor.No.1.Sur,No.1388 A.Telephone lode bears N.29°E.
387 feet.

S.E.Cor.Smelter building bears N.55°45'W.113 feet.

Thence N.77°02'W.

Over rolling land and along line 4-1 American Mill site of this survey.

118.1 Cor.Nos.1-4 Recorder and American Mill sites of this

- Feet survey, and along line 1-4 Recorder Mill site of this survey
475. Right bank of wash 50 feet wide flow N.80° W.
- 592.1 Cors.No.1-4 Elgin and Recorder Mill sites of this survey.
and along line 1-4 Elgin Mill site
- 647.1. Left bank of wash 40 feet wide flow S.W.
- 997.1. Cors.No.1-4 Boston and Elgin Mill sites of this survey
and along line 1-4 Boston Mill site.
- 1346.1. To Cor.No.2.
Identical with Cor.No.4.Boston Millsite and Cor.No.2.
Telephone lode both of this survey,hereinbefore described.

Thence N.88° 36' E.
Over rolling land and along line 2-1 Telephone lode
of this survey.
750. Post in mound of stone,marked T.S.S.Ct.
- 1304.4. To Cor.No.3.
Identical with Cor.No.3.Dan Mill site of this survey.
A Red wood post,4 feet long,4 ins,square set 18 ins,in
the ground,with mound of stone,scribed 3-3-1388 B.
No bearings available.

Thence S.1° 24' E.
Over rolling land and along line 3-2-Dan Millsite of
this survey.
266. Iron pipe line bears East and West.
279. Center of Narrow Gauge Railroad track bears S.82° 15' E
and N.82° 15' W.
334. To Cor.No,1.the place of beginning.

DAN MILL SITE.
Beginning at Cor.No.1.
On line 1-4 American Mill site of this survey.
Identical with Cor.No.2.Wedge Mill site of this survey.
A Red Wood post,4 feet long,4 ins square,set 18 ins in

Feet.

the ground, with mound of stone, scribed, 1-2-1388 B.

whence,

U.S.L.M.No.1.bears S.84°27'E.5758 feet.

Cor.No.2.Sur.No.1388 A.Dan lode bears N.30°37'W.1003 ft.

S.E.Cor.Office building bears N.48°45'W.182 ft.

S.E.Cor.Lab^oratory bears N.26°W.133 feet.

S.E.Cor.Clerks Office bears N.81°15'E.10 feet.

Thence N.77°02'W.

Over rolling land and along line 4-1 American Mill site of this survey.

27. Center of Narrow Gauge Railroad track bears S.46°E.and N.46°W.

304.6. To Cor.No.2.

Identical with Cor.No.1.Telephone Mill site of this survey.hereinbefore described.

Thence N.1°24'W.

Over rolling land and along line 1-3 Telephone Mill site of this survey.

55. Center of Narrow Gauge Railroad bears S.82°15'E.and N.82°15'W.

68. Iron pipe line bears E and W.

334. To Cor.No.3.

on line 1-2 Telephone lode of this survey.

Identical with Cor.No.3.Telephone Mill site of this survey.hereinbefore described.

Thence N.88°36'E.

Over rolling land and along line 1-2 Telephone lode of this survey.

113. Iron pipe line bears N.20°W.and S.20°E.

195.6. To Cor.No.4.

Identical with Cor.No.1.Telephone lode of this survey.hereinbefore described.

Feet.	Thence N.1°24' W.
	Over rolling land and along line 1-4 Telephone lode of this survey.
199.7	To Cor.No.5.
	On line 3-2 Wedge lode of this survey.
	A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 5-1388 B. whence S.E. Cor. of Adobe boarding house bears N.81°50' W. 273 ft. S.E. Cor. of Adobe store bears N.80°50' W. 240 feet.
	<hr/> Thence S.49°52' E.
	over rolling land and along line 3-2 Wedge lode of this survey.
129.1	To Cor.No.6.
	Identical with Cor.No.3. Wedge Mill site of this survey.
	A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 6-3-1388 B.
	No bearings available.
	<hr/> Thence S.1°24' E.
	over rolling land and along line 3-2 Wedge Mill site of this survey.
523.33	To Cor.No.1. the place of beginning.
	<hr/> WEDGE MILL SITE.
	Beginning at Cor.No.1.
	Identical with Cor.No.1. Old Dick Mill site and cor.
	No.2. Wedge lode, both of this survey, hereinbefore
	described, whence
	U.S.L.M. No.1. bears, S.85°48' E. 4904 feet.
	Cor.No.1. Wedge Mill site and Cor No.1. Wedge lode are
	identical.
	<hr/> Thence N.77°02' W.
	over rolling land and along line 1-4 Old Dick Mill

(79)

- Feet. site of this survey.
- 184.7 Center of Narrow Gauge Railroad track bears N. & S. 70° W.
- 580.7 Cor. No. 4-1 Old Dick and American Mill sites of this Survey, and along line 1-4 American Mill site .
858. To Cor. No. 2.
Identical with Cor. No. 1. Dan Mill site of this survey. hereinbefore described.
- Thence N. $1^{\circ}24'$ W.
- over rolling land and along line 1-6 Dan Mill site of this survey.
- 523.33. To Cor. No. 3.
Identical with Cor. No. 6. Dan Mill site claim of this survey, hereinbefore described.
- Thence S. $49^{\circ}52'$ E.
- over rolling land and along line 3-2 Wedge lode of this survey.
- 360.3. Post in mound of stone, scribed W.S.S.Ct.
- 851.5. Center of Narrow Gauge Railroad track bears N. and S.
- 1110.3. To Cor. No. 1. the place of beginning.
- HEAVY WEIGHT MILL SITE.
- Beginning at Cor. No. 1.
A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 1-1388 B. whence U.S.L.M. No. 1. bears S. $37^{\circ}06'$ E. 5525 feet.
Cor. No. 3. Sur, No. 1388 A. Heavy Weight lode, bears S. $0^{\circ}50'$ E. 889 feet.
Center of Well at Spring, on Mill site, bears N. $0^{\circ}30'$ W. 308 feet.
Cor. No. 3. Buzzard lode of this survey bears South 219 ft.
- Thence N. 60° W.
- Over broken ground.
484. To Cor. No. 2.

Feet. A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, with mound of stone, scribed 2-1388 B.

No bearings available.

Thence N.30° E.

over broken ground.

173. Iron pipe line from well to Smelter bears E. and S. 55. W.

225. Post, in mound of stone, marked H.W.M.S.W.Ct.

280. Ravine 10 feet wide flows N.60° W.

450. To Cor.No.3.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, in mound of stone, scribed, 3-1388 B.

No bearings available.

Thence S.60° E.

over broken ground.

484. To Cor.No.4.

A Red wood post, 4 feet long, 4 ins, square, set 18 ins, in the ground, in mound of stone, scribed, 4-1388 B.

No Bearings available.

Thence S.30° W.

over broken ground.

155. Ravine 10 feet wide flows N.60° W.

225. TO a post in mound of stone scribed H.W.M.S.E.Ct.

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

Variation at all corners of the foregoing mill-sites
12° 35' E.

Area of Mill Site Claims

Total and net area of Boston Mill Site	-----	4.983	acres
Total and net area of Elgin Mill Site	-----	4.994	"
Total and net area of Recorder Mill Site	-----	4.775	"
Total and net area of American Mill Site	-----	4.946	"
Total and net area of Old Dick Mill Site	-----	2.196	"
Total and net area of Telephone Mill Site	-----	4.770	"
Total and net area of Dan Mill Site	-----	2.856	"
Total and net area of Wedge Mill Site	-----	4.987	"
Total and net area of Heavy Weight Mill Site	-----	4.999	"
Total net area of Mill Sites	-----	39.506	acres.

The "Chance" lode of this survey is bounded on the North by the "Brindle Steer" lode, P.W. Mc Govern, Phil, Reilly and C.J. Lavery Claimants.

The "Black Hawk" lode of this survey is bounded on the East by the "Black Hawk" No. 2. lode, claimed by P, W, Mc, Govern, C.J. Lavery and Dan Dwyer.

The "Elgin" lode of this survey is bounded on the North by the "Newman " No. 2. lode, P.W. McGovern, Phil, Reilly and C.J. Lavery, Claimants. and on the East by the "Walther" lode, C.J. Lavery, C.M. Rice and P.W. Mc Govern Claimants.

The "Boston" lode of this survey is bounded on the West by the "Walther" lode. C.J. Lavery, C.M. Rice and P. W. Mc Govern, Claimants.

The "Telephone" lode of this survey is bounded on the North by the "Walther" lode, C.J. Lavery, C.M. Rice and P.W. Mc. Govern, Claimants.

The "Old Dick" lode of this survey is bounded on the South by the "Bertha" lode, Thomas H, Lavy and Curtis H. Rice, Claimants.

The "Grizzly" lode of this survey is bounded on the South by the "Clondike" lode, W.H. Killeby, Claimant.

Adjoining owners of Patented lode Claims are mentioned as they are reached in the notes, as they ambit the several lode claims of this survey.

There are no other known adjoining Claimants.

The lodges extend throughout the centers of the survey of all the Claims.

LOCATION.

This Claim is located on the Western slope of the Santa Rita Mountains, Helvetia Mining District, Pima County, Arizona, and will, when the Public surveys are extended over this section of Country be embraced in TP. 18 South, Range 15 East, Gila and Salt River Meridian.

The Surveys of the Boston, Telephone, Elgin, General, Dan, Wedge, Hattie, West End, Telometer, Black Hawk, Chance, Recorder, Silver Spur, Slide, Back Bone, Old Dick, American, Heavy Weight, Buzzard, Light-Weight, Grizzly, New Mexico. Water Wish, Wisconsin, Flying Dutchman, Exchange No. 2. Exchange, Leader, Tally Ho, Copper World, Black Horse, Owasco, Copper Fend, Little Dave, Brunswick, Pilot, A.O.T. Indian Club, Isle Royale, and Vulture lodes and the Boston, Elgin, Recorder, American, Old Dick, Telephone, Dan, Wedge and Heavy Weight Hillsites are identical with the respective locations, save corners 2 and 3 of the Recorder lode claim which are each 3 feet from original location monument.

The Boston Hillsite is located in connection with the Boston lode.

The Elgin Hill site is located in connection with the Elgin lode.

The Recorder Hill site is located in connection with the Recorder lode.

The American Hill site is located in connection with the American lode.

The Old Dick Hill site is located in connection with the Old Dick lode.

The Telephone Hill site is located in connection with the Telephone lode.

The Dan Hill site is located in connection with the Dan Lode.

The Wedge Hill site is located in connection with the Wedge lode.

The Heavy Weight Hill site, is located in connection with the Heavy Weight lode.

EXPENDITURE OF TWENTY THOUSAND DOLLARS.

I certify that the value of the labor and improvements upon this claim, placed thereon by the Claimant and its Grantors, is not less than **Twenty thousand dollars** and that said improvements consist of:

No. 1 The Discovery shaft of the Boston lode, which is on the center line 600 feet from the center of line 1-2 and post B.S.Ct. 4 x 6 ft, 11 ft, deep in rock.

Value \$100.00.

No. 2. A Cut, the face of which bears from Cor. No. 3. S. 70° E. 235 ft. 7 feet wide 3 ft. face, running N. 10° W. 10 ft, in earth and rock, at end of Cut, a shaft 5 x 5 ft 10 ft, deep, in rock.

Value of Cut and Shaft, \$ 100.00.

No. 3. A shaft, which bears from Cor. No. 3. S. 81° E. 280 ft. 4 x 5 ft, 7 ft, deep in rock.

Value \$50.00.

An undivided interest in a drift at bottom of Shaft No. 3. Telephone lode of this survey, the mouth of shaft bears from Cor. No. 1. of the Boston lode, N. 44° 15' E. 340 ft, drift runs from bottom of shaft S. 88° W. 4 x 7 feet. 30 feet in rock.

Value \$300.00.

No. 1. The discovery excavation of the Telephone lode, which is on the center line 200 feet from the center of line 2-3 and post T.W.Ct. 15 x 30 ft, 6 ft, deep, in earth and rock.

Value \$200.00.

No. 2. A Cut, the face of which *is five* feet right of a point on the center line 250 feet from the center of line 2-3. 6 ft, wide 10 ft, face running S. 2° W. 12 ft, in earth and rock.

Value \$100.00.

No. 3. A Shaft, 40 ft, left of a point on the center line 465 ft, from the center of line 2-3 and post T.W.Ct. 5 x 8 ft, 68 ft, deep, timbered, in rock, from the bottom of shaft, a drift 4 x 7 ft, running S. 88° W. 30 ft, in rock to breast, and a drift 4 x 7 ft, running N. 65° E. 45 ft. to breast, in rock,

Value of Shaft \$1700.00.

The Drift running S. 88° W. is in course of construction for the development of the Boston lode of this survey,

and the drift, running N.65° E. is being constructed for the development of the Dan lode of this survey, These drifts will, if continued in their present courses, cut the veins of the said lodes so that the claims can be advantageously and economically developed. Full value of the drift running S.88° W. has been credited to the Boston, and full value of the drift running N.65° E. has been credited to the Dan lodes.

No.1. The Discovery Cut of the Elgin lode, the face of which is on the center line 653 feet from center of line 3-4 and post E.W.Ct. 4 ft, wide 7 ft, face, running S.53° 44' E. 18 ft, in earth and rock. Value \$100.00.

No.2. A Shaft, which bears from post E.N.S.Ct. marking the North side center of claim, S.81° W. 165 ft, 4 x 5 ft. 10 ft, deep in rock. Value \$100.00.

No.3. A Shaft, which bears from post, E.N.S.Ct. S.56° W. 195 ft. 6 x 7 ft, 10 ft, deep in rock. Value \$120.00.

No.4. A Shaft, which bears from post, E.N.S.Ct. S.1° E. 95 ft, 5 x 7 ft, 50 ft, deep, in rock. Value \$500.00.

No.1. The Discovery Cut of the General lode, the face of which is on the center line, 165 ft, from center of line 3-4 and post, G.W.Ct. 4 ft, wide 7 ft, face running N.53° W. 21 ft, in earth and rock. Value \$100.00.

No.2. A Shaft which is on the center line 465 feet from center of line 3-4 and post G.W.Ct. 5 x 6 ft, 30 ft, deep in rock. Value \$300.00.

No.3. A Shaft, which bears from post G.S.S.Ct, marking the south side center of claim, N.25° 30' W. 128 ft. 4 x 6 ft, 51 ft, deep, in rock. Value \$500.00.

No.1. The Discovery Cut of the Dan lode, the face of which is on the center line 295 ft, from center of line 1-4 and post D.E.Ct. 4 ft, wide 7 ft, face, running N.13° E. 40 ft, in earth and rock. Value \$100.00.

An undivided interest in a drift 4 x 7 ft. running

N.65° E.45 ft, in rock, from bottom of shaft No.3. of the Telephone lode of this survey, The mouth of Shaft bears from Cor.No.2. of this lode S.77° 25' W.651 ft.

Value \$450.00.

No.1. The Discovery Shaft of the Wedge lode, which is on the center line, 125 ft, from center of line 3-4 and post W.W.Ct. 4 x 6 ft. 15 ft, deep, in earth and conglomerate rock.

Value \$100.00.

No.2.A Shaft, which bears from post W.N.S.Ct, marking the North side center of claim, S.74° W.140 ft, 5 x 5 ft, 10 ft, deep in rock.

Value \$100.00.

No.3.A Shaft, which bears from post W.N.S.Ct, S.52° W. 115 ft, 4 x 5 ft. 10 ft. deep in earth and rock.

Value \$75.00.

No 4.A Cut, the face of which bears from Cor.No.1. N.53° W.433 ft. 5 ft. wide 10 ft, face running S.50° E.15 feet, in rock.

Value \$100.00.

No.5.A Tunnel, the mouth of which bears from Cor.No.1. N.55° W.298 ft. 5 x 6 ft, running S.51° E.15 feet to breast in rock.

Value \$150.00.

600 ft. of a Narrow Gauge Railroad, constructed for the purpose of transporting, to the Smelter, the ores from this and other claims of this survey, said road enters the Wedge claim at a point on the South Side line 260 feet. N.49° 52' W. from Cor.No.2. and leaves Claim at a point, on North side line, 450 ft, from Cor.No.1. 600 ft. of construction and track has been charged to this Claim. of the Value of

\$1200.00

No.1. The Discovery Cut of the Hattie lode, the face of which is on the center line 510 feet from center of line 3-4 and post H.W.Ct. 5 ft, wide 5 ft, face, running S.53° E.14 ft, in earth and rock.

Value \$100.00.

No.2.A Cut, the face of which is 74 feet, right of a point on center line 338 feet from center of line 3-4 and post H.W.Ct. 5 ft, wide 7ft, face running N.40° E.

(87)

11 ft, in earth and rock. Value \$100.00.

No.3.A Cut, the face of which is 150 ft, right of a point on center line 370 feet from center of line 3-4 and post H.W.Ct. 5 ft, wide 7 ft, face running N.52° E. 15 ft, in earth and rock. Value \$100.00.

No.4.A Cut, the face of which is 45 ft, right of a point on center line 530 ft, from center of line 3-4 and post H.W.Ct. 5 ft, wide 8 ft, face running S.50° E. 11 ft, in earth and rock, from face of cut a tunnel 3 x 6 ft, running S.50° E. 6 ft, to breast, in rock.

Value of Cut and Tunnel, \$150.

No.5.A Cut, the face of which is 110 ft, right of a point, on center line 550 ft, from center of line 3-4 and post, H.W.Ct. 3 ft, wide, 4 ft, face, running N.24° E. 6 ft, in earth and rock. Value \$25.00.

No.6.A Cut, the face of which is 144 feet right of a point on center line 565 ft, from center of line 3-4 and post H.W.Ct. 20 ft, wide, 5 ft, face running N.20° E. 4 ft, in earth and rock. Value \$50.00.

No.1.The Discovery Cut of the West End lode, the face of which is on the center line 737 feet from center of line 1-4 and post W.E.F.Ct. 3ft, wide 2 ft, face running N.24° E. 10 feet in earth and rock. Value \$25.00.

No.2.A Cut, the face of which bears from post W.E. W.Ct. N.67° 30' E, 410 feet 5 ft, wide 10 ft, face, running N.5° E. 24 feet in rock. Value \$150.00.

An undivided 1/3rd interest in an incline shaft the mouth of which bears from Cor.No.4.of this claim N.86° 50' E. 1580 ft, 5 x 7 ft, 200 ft, in rock, course S.83° 45' W, dip 34°.

Value of 1/3rd, undivided interest \$700.

No.1.The Discovery Cut of the Telemeter lode, the face of which is on the center line 310 ft, from center of

line 2-3 and post T.W.E.Ct. 12 ft, wide 6 ft, face running North 12 ft, in earth and rock. Value \$100.00.

No. 2. A Shaft, which bears from post marking North side center of claim S. 13° E. 210 ft. 8 x 10 ft, 20 feet deep in rock. Value \$200.00.

No. 3. A Cut, the face of which bears from post marking the North side center of claim, S. 39° E. 196 ft, 6 feet wide 6 ft, face, running North 16 ft, in rock.

Value \$100.00.

No. 4. A Cut, the face of which bears from post marking the North side center of claim, S. 43° 30' W. 200 ft, 5 ft, wide 7 ft, face running N. 40° W. 25 ft, in earth and rock.

Value \$150.00.

No. 5. A cut, the face of which bears from post marking the North side center of claim, S. 34° 30' W. 70 ft. 15 ft, wide, 7 ft, face running South 30 ft, in earth and rock.

Value \$300.00.

No. 1. The Discovery Shaft of the Black Hawk lode, which is on the center line, 735 ft, from center of line 1-4 and post B.H.E.Ct. 4 x 6 ft, 5 ft, deep in earth and rock

Value \$30.00.

No. 2. A Cut, the face of which is 40 ft, left of a point on center line 637 ft, from center of line 1-4 and post B.H.E.Ct. 6 ft, wide 6 ft, face running S. 65° E. 20 ft, in earth and rock, at end of cut a shaft 6 x 6 ft, 20 ft, deep in rock. Value of Cut and Shaft \$300.00.

No. 3. A Cut, the face of which is 95 ft. left of a point on center line 290 ft, from center of line 1-4 and post B.H.E.Ct. 4 ft, wide 12 ft, face, running S. 60° W. 34 feet in rock and earth, from face of Cut a tunnel 4 x 6 ft. running S. 60° W. 27 ft, to breast, in rock,

Value of Cut and tunnel \$ 450.00.

No. 1. The Discovery Cut of the Chance lode the face of which is on the center line 750 feet from center of

(89)

line 1-4 and post C.E.Ct. 5 ft, wide 8 ft, face running S.25° E. 15 ft, in earth and rock. Value \$100.00.

No. 2. A Cut, the face of which bears from post C.W.Ct. marking the west end center of claim, on line 2-3 N.85° E. 315 ft, 6 ft, wide 7 ft, face, running S.25° E. 15 ft, in rock, at end of Cut a shaft 6 x 6 ft, 9 feet deep in rock. Value of Cut and Shaft \$175.

No. 3. A Shaft, which bears from post C.W.Ct, marking the West center end of claim, N.81° E. 373 ft, 4 x 7 ft, 12 ft, deep in rock. Value \$100.00.

No. 4. A Cut, the face of which bears from post, C.S.S.Ct marking the South Side center of claim, N.2° 30' E. 180 ft 8 ft, wide 7 ft face, running South 20 ft, in earth and rock, at end of Cut a Shaft 5 x 6 ft, 20 ft, deep in rock. Value of Cut and Shaft \$300.00.

No. 5. A Cut, the face of which bears from post C.E.Ct. marking the East end center of claim, S.28° W. 380 ft, 6 ft, wide 14 ft, face running N.40° W. 15 ft, in earth and rock. Value \$100.00.

No. 1. The Discovery Shaft of the Recorder lode which is on the center line 145 ft, from center of line 1-2 and post R.E.Ct. 4 x 6 ft, 12 ft, deep in rock and earth. Value \$100.00.

No. 2. A Shaft, which bears from post R.E.Ct, marking the East end center of claim, N.3° 30' E. 110 ft, 4 x 6 ft, 11 ft, deep in rock. Value \$100.00.

An undivided interest in a Cross Cut, run from a depth of 112 ft, from Shaft No. 2. on the Old Dick lode of this Survey, the mouth of which bears from Cor. No. 2. of this lode S.20° 50' E. 175 ft, running N.12° W. 5 x 6 ft, 35 ft. to breast, in rock. Value \$ 350.00.

No. 1. The Discovery Cut of the Silver Spur lode, the mouth of which is on the center line 375 ft, from center of line 2-3 and post. S.S.W.Ct. 4 ft, wide 6 ft, face

(90)

running South 25 ft, in earth and rock.

Value \$100.00.

An undivided 1/3rd, interest in an incline shaft, the mouth of which bears from Cor.No.4.of this claim,N. 71° 30' E. 894 ft. 5 x 7 ft, 200 ft, in rock, course S. 83° 45' W. dip, 34

Value of 1/3rd undivided interest \$700.00.

No.1.The Discovery Cut of the Slide lode, the face of which is on the center line 680 ft, from center of line 1-4 and post, S.E.Ct. 6 ft, wide 9 ft face, running South 20 ft, in rock, from end of Cut a tunnel 4 x 6 ft, running South, 16 ft, and from S.W.Cor.of Cut a tunnel 4 x 6 ft. running West 11 ft, both tunnels in rock,

Value of Cut and tunnels \$325.00.

No.2.A Cut, the face of which is 19 ft, right of a point on the center line 700 ft, from center of line 1-4 and post S.E.Ct. 5 ft, wide 9 ft, face running S, 13° E. 13 ft, in rock, at end of Cut a tunnel 4 x 6 ft. running S. 13° E. 19 ft, in rock,

Value of Cut and tunnel \$250.00.

No.1.The Discovery Cut of the Back Bone lode, the face of which is on the center line 590 ft, from the center of line 2-3 and post B.B.W.Ct. 5 ft, wide 10 ft, face, running N. 1° W. 24 ft, in earth and rock.

Value \$150.00.

No.2.A Cut, the face of which bears from post S.N.S.Ct, marking the North side center of the Slide claim of this survey, N. 65° W. 185 ft, 8 ft, wide 9 ft, face, running North 18 ft, in rock.

Value \$120.00.

No.3.A Shaft, which bears from post S.N.S.Ct, marking the said North side center of the Slide claim, N. 76° W. 80 ft, 5 x 6 ft. 10 ft, deep in rock.

Value \$100.00.

No.4.A Cut, the face of which bears from post S.N.S.Ct, marking the North side center of the Slide claim, N. 45° E. 160 ft, 5 ft, wide, 7 ft, face running N. 20° W. 7 ft, in rock.

Value \$50.00.

No.5.A Cut, the face of which bears from post S.N.S.Ct.

marking the North side center of the Slide claim, of this survey, N.52°15' E.175 ft, 6 ft, wide 6 ft, face, running N.24° W.8 ft, in rock. Value \$50.00.

No.6.A Cut, the face of which bears from post S.N.S.Ct, marking the North side center of the Slide lode of this survey, N.80°30' E.350 ft, 6 ft, wide 11 ft, face running N.80° E.14 ft, in earth and rock. Value \$75.00.

No.1.The Discovery Cut of the Old Dick lode, the mouth of which is on the center line 490 ft, from the center of line 1-2 and post O.D.E.Ct.40 ft, wide 18 ft, face running S.26° W.40 feet, in rock, Value \$550.00.

From the S.E.Cor.of the above Cut a tunnel, the mouth of which bears from Cor.No.2.N.35°15' W.538 ft, 5 x 6 ft, has been run S 59° E.40 ft.to breast, in rock, This tunnel is in course of construction for the development of the Grizzly lode of this survey, and will, if continued in its present course cut the vein of the Grizzly lode, so claim can be advantageously and economically developed, Full value of this tunnel has been credited to the Grizzly lode.

No.2.A Tunnel, the mouth of which bears from post O.D.E.Ct.marking the East center end of claim, N.54°35' W.657 ft, 6 x 7 ft, running S.26° W.304 feet to breast, in rock, from a point 280 ft, from mouth of tunnel a drift 5 x 7 ft, running N.63°15' W.112 ft, N.41° W.30 ft, and N.19° W, 119 ft, to Shaft No.3.and known as the West drift.

Value of tunnel and West drift \$5650.00.

From a point 280 ft, from mouth of tunnel a drift 5x7ft, running S.84°30' E.77 ft, to breast, in rock, known as the East drift, This drift is in course of construction for the development of the New Mexico lode of this survey. and will, if continued in its present course, cut the vein at great depth, so claim can be advantageously and economically developed. Full value of this drift has been credited to the New Mexico lode.

Shaft No.3.the mouth of which bears from Cor.No.4.

S. $33^{\circ} 35'$ E. 703 ft. 5 x 6 ft, 95 ft, deep, in rock,

Value \$950.00.

From bottom of shaft a cross cut 5 x 7 ft, running N. $10^{\circ} 30'$ E. 35 ft. to breast in rock, this Cross Cut is in course of construction for the development of the American lode of this survey, and will, if continued in its present course, cut the vein at a great depth so claim can be advantageously and economically worked. Full value of this Cross cut has been credited to the American lode.

No. 4. A Shaft, which bears from post. O. D. W. Ct. marking the West end center of claim. S. 84° E. 175 ft. 5 x 9 ft, 112 ft, in rock, timbered. Value \$2800.00.

From bottom of shaft a cross cut 5 x 7 ft, running N. 12° W. 35 ft, to breast, in rock, this cross cut is in course of construction for the development of the Recorder lode of this survey, and will, if continued in its present course, cut the vein at a great depth so the claim can be advantageously and economically developed. Full value of this Cross Cut has been credited to the Recorder lode.

1500 feet of a Narrow Gauge Railroad, constructed for the purpose of transporting, to the Smelter, the ores from this and other claims of this survey, said road enters the claim at a point on the South side line S. $64^{\circ} 30'$ E. 40 ft. from Cor. No. 3. and leaves claim at a point, on the East side line, S. $25^{\circ} 30'$ W. 220 ft, from Cor. No. 1. 1500 feet of construction and track has been charged to this claim of the Value of \$3000.00.

No. 1. The Discovery Cut of the American lode, the face of which is on the center line 70 ft, from center of line 3-4 and post A. W. Ct. 5 ft, wide 8 ft, face, running S. 64° E. 18 ft, in rock. Value \$120.00.

No. 2. A Cut, the face of which is on the center line 140 ft, from center of line 3-4 and post A. W. Ct. 4 feet,

wide 5 ft, face, running $S.64^{\circ}E.10$ ft, in earth and rock.

Value \$30.00.

An undivided interest in a Cross Cut 5 x 7 ft, running $N.12^{\circ}W.35$ feet, in rock, from the bottom of Shaft No. 3. of the Old Dick lode, of this survey, the mouth of shaft bears from Cor. No. 3. of this lode, $S.33^{\circ}35'E.703$ ft.

Value \$ 400.00.

No. 1. The Discovery Cut of the Heavy Weight lode, the face of which is on the center line 370 ft, from center of line 3-4 and post H.W.N.^E Ct. 18 ft, wide, 20 ft, face running $N.35^{\circ}E.25$ ft, in rock.

Value \$400.00.

No. 2. A Tunnel, the mouth of which is 30 ft, left of a point on center line 415 ft, from center of line 3-4 and post H.W.N.^E Ct. 5 x 7 ft, running $N.16^{\circ}E.56$ ft, to breast, in rock,

Value \$560.00.

Shaft, No. 3. which is 55 ft, left of a point on center line 430 ft, from center of line 3-4 and post H.W.N.^E Ct. 5 x 8 ft, 20 ft, deep in rock,

Value \$ 200.00.

No. 4. A Tunnel, the mouth of which is 115 feet left of a point, on center line, 475 feet from center of line 3-4 and post H.W.N.^E Ct. 6 x 4 ft, running $N.62^{\circ}E.71$ ft. to breast, in rock.

Value \$ 710.00.

An undivided $1/3$ rd, interest in an incline shaft, the mouth of which bears from Cor. No. 4. of this claim, $S.20^{\circ}10'E.492$ ft, 5 x 7 ft. 200 ft, in rock, course $S.83^{\circ}45'W.$ dip 34° .

Value of undivided $1/3$ rd, interest
\$700.00.

No. 1. The Discovery Cut of the Buzzard lode, the face of which is on the center line 600 ft, from center of line 2-3 and post B.W.^E Ct. 4 ft, wide, 5 ft, face, running $N.20^{\circ}E.15$ ft, in rock.

Value \$100.00.

An undivided $1/2$ interest in Tunnel No. 2. on the Light Weight lode of this survey, The mouth of which bears

from Cor.No.1.of the Buzzard lode, S.58°12' W.895 ft,
5 x 7 ft, running North 260 ft.

Value of 1/2 undivided interest in Tunnel \$1300.00.

No.1.The Discovery Cut of the Light Weight lode, the
face of which is on the center line 750 feet from
center of line 1-2 and post L.W.S.Ct.4 ft, wide, 7 ft, face
running N.25° W.38 ft, in earth and rock,

Value \$75.00.

No.2.An undivided 1/2 interest in a Tunnel, the mouth
of which bears from Cor.No.4.S.58°12' W.895 ft, 5 x 7 ft,
running North 260 ft, to breast, in rock,

Value of undivided 1/2 interest in Tunnel \$1300.00.

This tunnel is in course of construction for the de-
velopment of this claim and the Buzzard lode of this sur-
vey, and will, if continued in its present course,
cut the vein of the Buzzard lode at great depth, so claim
can be advantageously and economically developed,

An undivided 1/2 interest in this tunnel has been
charged to the Buzzard lode.

650 ft, of a Narrow Gauge Railroad, constructed for the
purpose of transporting, to the smelter, the ores from
this and other claims of this survey, said road enters
the claim at a point S.25°30' W.810 ft, from Cor.No.4.
650 feet of construction and track has been charged to
this claim of the value of \$1300.00.

An incline Shaft, the mouth of which bears from Cor.
No.3.of this lode, S.20°10' W.492 ft. 5 x 7 ft. 200 ft, in
rock.course S.83°45' W.dip 34°. This incline shaft is in
course of construction for the development of the
Heavy Weight, Silver Spur and West End lodes of this sur-
vey, and will, if continued in its present course, cut the
veins of the several lodes at great depth, whereby, by
one system of working and one plant of machinery, the
Claims can be advantageously and economically developed.

A 1/3rd undivided interest in this incline shaft has
been charged to each of the abovenamed lodes.

Cut No.3. the face of which bears from Cor.No.3.S.11.W.
360 ft, 50 ft, wide 30 ft, face running N.25°E.50 ft, in
rock. Value \$1500.00.

No.1. The Discovery Cut of the Grizzly lode, the face
of which is on the center line 300 ft, from center of
line 3-4 and post G.W.^E Ct. 3 ft, wide, 7 ft, face, running
N.60°W.20 ft, in earth and rock. Value \$100.00.

No.2. A Cut, the face of which bears from Cor.No.1.
S.30°W.282 ft, 5 feet wide 7 ft, face, running S.5°E.8 ft,
in earth and rock, from face of Cut a tunnel 4 x 6 ft.
running S.5°E.8 ft, to breast, in rock.

Value of Cut and Tunnel. \$100.00.

An undivided interest in tunnel running from S.E. Cor.
of Dis, Cut of the Old Dick lode of this survey, the
mouth of tunnel bears from Cor.No.4 of the Grizzly
lode, N.87°25'W.510 ft, 5 x 6 ft, running S.59°E.40 ft.
to breast, in rock, Value \$400.00.

600 ft, of a Narrow Gauge Railroad, constructed for the
purpose of transporting, to the Smelter, the ores from
this and other claims of this survey, said road enters
the claim at a point on East end line S.25°30'W.80 ft,
from Cor.No.4. and leaves claim at a point on North
side line S.64°30'E.620 feet from Cor.No.4.

600 feet of construction and track has been charged
to this claim of the the value of \$1200.00.

No.1. The Discovery Cut of the New Mexico lode, the
face of which is on the center line 100 ft, from the
center of line 3-4 and post N,M,W, Ct. 5 ft, wide 8 ft,
face, running S.25°W.15 ft, in rock. Value \$100.00.

An undivided interest in a Cross Cut 280 feet from
mouth of Old Dick Tunnel No.2. The mouth of Cross Cut
bears from Cor.No.3. of this lode, S.88°45'W.728 ft, 5 x
7 ft, running S84°30'E.77 ft, to breast in rock. The
mouth of Old Dick tunnel No.2. bears from Cor.No.3. of
this lode N.68°30'W.648 ft, Value \$770.00.

400 feet of a Narrow Gauge Railroad, constructed for the purpose of transporting, to the smelter, the ores from this and other claims of this survey, said road enters the claim at a point on South side line S.64° 30' E.620 ft, from Cor.No.3. and leaves claim at a point on the North side line S.64° 30' E.625 ft, from Cor.No.4. 400 feet of construction and track has been charged to this claim of the value of \$800.00.

No.1. The Discovery Cut of the Water Wish lode, the face of which is on the center line 250 ft, from center of line 1-2 and post W.W.Sct.4 ft, wide 6 ft, face, running East 19 feet in rock. Value \$100.00.

No.2. A Shaft which bears from Cor.No.1. N.24° E.345 ft, 5 x 7 ft, 40 ft, deep. Value \$400.00.

650 feet of a Narrow Gauge Railroad, constructed for the purpose of transporting, to the Smelter, the ores from this and other claims of this survey, said road enters the claim at a point on the East side line S.25° 30' W.480 ft, from Cor.No.4. and leaves claim at a point on the West side line N.25° 30' E.990 ft, from Cor. No.2. 650 feet of construction and track has been charged to this claim of the value of \$1300.00.

No.1. The Discovery Cut of the Wisconsin lode, the face of which is on the center line 750 ft, from the center of line 1-2 and post, W.S.^{E.}ct.4 ft, wide 8 ft, face, running N.60° W.20 ft. in earth and rock, Value \$100.00.

An undivided 1/3rd, interest in a Tunnel, on the Copper Bend lode of this survey, 5 x 7 ft, running N.40° W.127 feet, to breast, in rock. mouth of tunnel bears from Cor. No.1. of this claim, S.51° 30' E.1388 ft.

Value of 1/3rd, interest in tunnel \$425.00.

The other 2/3rds, are included in the estimate of \$500. expenditure upon the Exchange and Tally Ho lodes of this Survey.

(97)

No.1.The Discovery Cut on the Flying Dutchman lode, the face of which is on the center line 100 feet from center of line 1-2 and post F.D.S.^{E.} Ct.4 ft, wide 4 ft, face, running N.40°E.11 feet in rock, Value \$10.00.

No.2.A Cut, the face of which bears from Cor.No.1. N.50°30'W.51 ft.10 ft, wide 5 ft, face, running N.26°E. 13 ft, in rock. Value \$100.00.

No.3.A Shaft, which bears from Cor.No.1.N.36°W.43 ft. 4 x 6 ft, 5 ft, deep, in rock. Value \$35.00.

No.4.A Shaft, which bears from Cor.No.1.N.43°W.25 ft. 4 x 5 ft, 20 ft. deep, in rock. Value \$200.00.

An undivided 1/2 interest in Tunnel No.3.on the Exchange lode of this survey, the mouth of which bears from Cor. No.1.of this lode, S.23°E.620 ft.4 x 6 ft, running N.17° 30' W, 84 ft, in rock, to breast.

Value of undivided 1/2 interest \$420.00.

The other 1/2 interest is included in the estimate of \$500.expenditure upon the Exchange lode.

No.1.The Discovery Cut of the Exchange No.2.lode:the face of which is on the center line 240 feet, from center of line 2-3 and post Ex, No, 2.W.^{E.} Ct.4 ft, wide 4 ft, face, running N.70°E.10 ft, in rock. Value \$30.00.

An undivided interest in a Tunnel on the Copper World lode, of this survey, the mouth of which bears from Cor. Nol. of this lode, S.65°15'W.870 ft, 4 x 6 ft. running N.25°E.55 ft, in rock, to breast. Value \$550.00.

No.1.The Discovery Cut of the Exchange lode, the face of which is on the center line 100 ft, from center of line, 1-2 and post, E.S.^{E.} Ct.3 ft, wide, 4 ft, face, running S.25°W.9 ft, in earth and rock, Value \$10.00.

No.2.A Shaft, which bears from Cor.No.1.S.29°35'W. 550 ft, 7 x 9 ft, 60 ft, deep, in rock, timbered, from bottom of Shaft a Cross cut, 5 x 7 ft, running N.75°30'E.120 feet, in rock to breast, Value of Shaft \$ 1200.00.

This Cross Cut is in course of construction for the development of the Copper World, Owsoko and Black Horse lodes of this survey, and will, if continued in its present course, cut the veins of the several locations at a great depth, whereby, by one system of workings the said claims can be advantageously and economically developed. An undivided $\frac{1}{3}$ rd, interest in this Cross Cut has been credited to each of these claims.

No. 3. An undivided $\frac{1}{2}$ interest in a tunnel, the mouth of which bears from Cor. No. 3. of this claim, S. 23 E. 620 ft, 4 x 6 ft, running N. 17° 30' W. 84 feet in rock, to breast, Value of undivided $\frac{1}{2}$ interest \$420.00.

The other $\frac{1}{2}$ interest is included in the estimate of \$500. expenditure upon the Flying Dutchman lode of this survey. This tunnel, described and included in the estimate of expenditure, continued in its present course, will cut the veins of the Exchange and Flying Dutchman at great depth, whereby, by one system of workings the claims can be advantageously and economically developed.

An undivided $\frac{1}{3}$ rd, interest in a tunnel, on the Copper Bend lode of this survey, 5 x 7 ft, running N. 40° W. 127 ft. to breast, in rock, the mouth of tunnel bears from Cor. No. 1. S. 41° 15' E. 816 ft.

Value of $\frac{1}{3}$ rd. interest in tunnel \$425.00.

The other $\frac{2}{3}$ rd, are included in the estimate of \$500. expenditure upon the Wisconsin and Tally Ho lodes of this survey.

No. 1. The Discovery Cut of the Leader lode, the face of which is on the center line 140 ft, from center of line 1-2 and post, L. S. ^E Ct. 4 ft, wide, 4 ft, face, running N. 50° E, 10 ft, in earth and rock. Value \$10.00.

No. 2. A Shaft which bears from Cor. No. 2. N. 26° E. 455 ft, 6 x 9 ft, 40 ft, deep, in rock, timbered, Value \$800.00.
1100 feet of a Narrow gauge Railroad, constructed for

the purpose of transporting, to the Smelter, the ores from this, and other claims, of this survey. said road enters the claim at a point S. 64° 30' E. 25 ft, from Cor. No. 2. and leaves the claim at a point N. 25° 30' W. 480 ft, from Cor. No. 4. 1100 feet of construction and track has been charged to this claim, of the value of \$2200.00.

No. 1. The Discovery Cut of the Tally Ho lode, the face of which is on the center line 460 ft, from center of line 3-4 and post T.H.N. Ct. 4 ft, wide 7 ft face, running N. 25° E. 18 feet in rock. Value \$120.00.

No. 2. A Cut, the face of which bears from Cor. No. 3. S. 2° W, 550 ft, 10 ft, wide 10 ft, face, running N. 57° 15' E. 15 ft, in rock, from face of Cut a tunnel 5 x 6 ft, running N. 57° 15' E. 35 ft, in rock, to breast,

Value of Cut and Tunnel \$450.00.

No. 3. A Cut, the face of which bears from Cor. No. 2. S. 2° W. 485 ft, 20 ft, wide 10 ft, face, running N. 49° E. 14 ft, in rock, from center of face of Cut, a tunnel 5 x 7 ft, running N. 49° E, 31 ft, in rock.

Value of Cut and Tunnel \$ 960.00.

An undivided $\frac{1}{3}$ rd, interest in a tunnel on the Copper Bend lode of this survey, 5 x 7 ft, running N. 40° W. 127 ft. to breast, in rock, the mouth of tunnel bears from Cor. No. 4 of this lode, S. 0° 30' E. 352 ft.

Value of $\frac{1}{3}$ rd, interest in Tunnel \$ 425.00.

The other $\frac{2}{3}$ rd, are included in the estimate of \$500. expenditure upon the Wisconsin and Exchange lodes of this survey.

No. 1. The Discovery Cut of the Copper World lode, the face of which is on the center line 510 ft, from center of line 1-2 and post C.W.S. Ct. 18 ft, wide, 10 ft, face, running S. 17° 15' E. 20 ft, in rock. From center of face of cut a tunnel 4 x 6 ft, running S. 17° 15' E. 36 ft, to breast in rock, Value of Cut and Tunnel \$ 550.00.

No.2.A Shaft which bears from Cor.No.2.N 51°30' E.263 feet,4 x 6 ft,31 ft,deep,in rock. Value \$310.00.

An undivided 1/3rd,interest in a Cross Cut,5 x 7 ft, running N.75°30' E.120 feet,in rock,to breast,from bottom of shaft No.2.on the Exchange lode of this survey,Mouth of Shaft,bears from Cor.No.3.of this lode S.29°35' W.550 ft. Value of 1/3rd,interest in Cross Cut. \$600.00.

The other 2/3rds,are included in estimate of \$500.00. expenditure upon the Owosko and Black Horse lodes of this survey.

The mouth of a tunnel,run for the development of the Exchange No.2.lode of this survey,bears from Cor. No.4.of this lode,S.65°15' W.870 ft,.Full interest in this tunnel has been credited to Exchange No.2.lode. This tunnel is in course of construction for the development of the Exchange No.2.lode,and will,if continued on its present course,cut the vein at a great depth,whereby the claim can be advantageously and economically developed.

No.1.The Discovery Cut of the Black Horse lode,the face of which is on the center line 508 ft,from center of line 1-4 and post B.H.E.^{E.} 4 ft,wide 7 ft face running N.20° E 18 ft,in rock. Value \$100.00.

An undivided 1/3 rd,interest in a Cross Cut 5 x 7 ft, running N.75°30' E.120 ft,in rock,from the bottom of Shaft No.2.on the Exchange lode of this survey,mouth of Shaft,bears from Cor.No.2.of this lode claim,S.64° 25' W.1010 ft,

Value of 1/3rd,undivided interest in Cross Cut, \$600.00.

The other 2/3rds,are included in estimate of \$500. expenditure upon the Copper World and Owosko lodes of this survey.

No.1.The Discovery Cut of the Owosko lode,the face of

which is on the center line 438 feet, from center of line 1-2 and post, O.S.Ct. 10 ft, wide 6 ft face, running N. 12 ft, in rock, at end of cut, a shaft 4 x 6 ft, and 4 feet deep. Value of Cut and Shaft \$140.00.

No. 2. A Cut, the face of which bears from Cor. No. 1. N. 9° 45' E. 433 ft. 14 ft, wide 7 ft, face, running N. 5° W. 12 ft, in rock. Value \$100.00.

No. 3. A Shaft, which bears from Cor. No. 4. S. 36° 50' W. 570^{ft} 12 ft. deep, in rock, Value \$100.00.

No. 4. A Shaft, which bears from Cor. No. 4. S. 39° 45' W. 572 ft, 6 x 6 ft, 10 ft. deep, in rock. between this shaft and shaft No 3. there is a tunnel 4 x 6 ft, running S. 40° E. 10 ft, in rock. Value of Shaft and tunnel \$200.00.

An undivided 1/3rd, interest in a Cross Cut, 5x7 ft, running N. 75° 30' E. 120 ft, in rock, to breast, from bottom of Shaft No. 2. of the Exchange lode of this survey, the mouth of Shaft bears from Cor. No. 3 of this lode, S. 64° 25' W. 1010 feet.

Value of 1/3rd, undivided interest in Cross Cut \$600.00.

The other 2/3rds, are included in estimate of \$500 expenditure on the Copper World and Black Horse lodes of this survey.

No. 1. The Discovery Cut of the Copper Fend lode, the face of which is on the center line 150 ft, from center of line 3-4 and post C.F.N.^{E.} Ct. 4 ft, wide 3 ft, face, running N. 25° E. 12 ft, in earth and rock. Value \$35.00.

An undivided interest in
An incline Shaft, on the Little Dave lode of this survey, the mouth of which bears S. 42° 30' E. 103 ft. from Cor. No 4. of this lode, 5 x 6 ft, 40 ft, deep, in rock, course S. 55° E. dip 50'. at bottom of shaft a cross cut 5 x 6 ft. running S. 55° W. 18 ft, in rock.

Value of incline Shaft and Cross Cut. \$580.00.

The mouth of a Tunnel run for the development of the Tally Ho. Exchange and Wisconsin lodes of this survey, bears from post scribed C.F.N.^{E.} Ct. marking the North center

end of the Copper Bend lode claim, S.40°15' W. 558 ft. An undivided 1/3rd, interest in this Tunnel has been credited to each of the abovenamed lodes.

This Tunnel, if continued in its present course, will cut the veins of the several abovementioned lodes, at great depth, whereby by one system of working said claims can be advantageously and economically developed.

No. 1. The Discovery Cut of the Little Dave lode, the face of which is on the center line 170 ft, from center of line 3-4 and post L.D.N. Ct. 8 ft, wide, 13 ft, face, running N.15° E. 100 feet in earth and rock.
Value \$500.00.

No. 2. A Shaft, which bears from post, L.D.E.S. Ct. marking the East side center of claim, N.89°10' W. 385 ft. 5 x 7 ft. 29 ft, deep, in rock, at foot of Shaft, an incline 4 x 6 ft, 20 ft, course S.40° W. dip 50°, all in rock.

Value of Shaft and incline \$ 490.00.

No. 3. A Shaft, which bears from post L.D.E.S. Ct. S.85°15' W. 436 ft, 5 x 6 ft, 14 ft, deep in rock.
Value \$140.00.

From Shaft No. 2. on the Brunswick, lode of this survey, and which bears from Cor. No. 3. of this lode, S.67°30' E. 148 ft. at a depth of 100 ft. a drift 5 x 7 ft, running S.43° W. 160 ft, to face, in rock, at 107 ft. from shaft a Cross Cut 5 x 7 ft, running S.47° E. 30 ft, to face, in rock.

Value of Drift and Cross Cut, \$1900.

The mouth of an incline shaft for the development of the Copper Bend lode, of this survey, bears from Cor. No. 3. of this lode, S.42°30' E. 103 ft. An undivided interest in this incline and Cross Cut has been credited to the Copper Bend lode. The Cross ^{cut} at bottom of incline, if continued on its present course, will, cut the vein of the Copper Bend lode at great depth, whereby the claim can be advantageously and economically developed.

No.1.The Discovery Cut of the Brunswick lode, the face of which is on the center line 175 feet from center of line 3-4 and post B.N.Ct.14 ft, wide, 4 feet face, running N.60°W.3 ft, in earth and rock.

Value \$10.00.

No.2.A Shaft, which bears from Cor.No.2.S.67°30'E.148 ft. 7 x 9 feet 225 ft, deep, in rock, timbered, at a depth of 100 ft, of the 100 ft, level. a drift, 5 x 7 ft, running N.43°E.32 ft, thence N.23°E.220 ft, to breast, in rock, timbered for 125 ft. from Shaft, at 200 ft on the last course, a cross cut 5 x 7 ft. running S.54°30'E.76 ft, to breast, in rock, and from said 200 ft, point, a cross cut, 5 x 7 ft, running N.54°30'W.50 ft, to breast, in rock.

Value of Shaft, drift and Cross Cuts. \$10.655.00.

No.1.The Discovery Cut of the Pilot lode, the face of which is on the center line 220 feet from center of line 1-4 and post P.S.Ct.8 ft, wide 8 ft, face, running N.25°E.15 ft, in rock.

Value \$100.00.

No.2.A Cut, the face of which bears from Cor.No.4. N.17°15'W.260 ft.4 ft, wide 6 ft, face, running N.17°W.15 ft, in rock.

Value \$100.00.

No.3.A Cut, the face of which bears from Cor.No.4. N.10°E.155 ft.30 ft, wide 15 ft, face, running N.35°W.45 ft, in rock.

Value \$400.00.

No.1.The Discovery Shaft of the A.O.T.lode, which is on the center line, 295 ft, from center of line 1-2 and post, A.O.T.W.C.t.10 x 10 ft, 6 ft, deep in earth and rock.

Value \$100.00.

No.2.A Cut, the face of which bears from Cor.No.2. S.1°25'E.85 ft.6 ft, wide 6 ft, face, running N.61°W.18 ft, in rock.

Value \$100.00.

No.3.A Cut, the face of which bears from Cor.No.2. S.25°30'E.80 ft, 10 ft, wide 5 ft, face, running N.66°E.15 ft, at end of Cut, a shaft 5 x 7 ft, 9 ft, deep, all in

rock. Value of Cut and Shaft \$100.00.

No.4.A Cut, the face of which bears from post A.O.T. S.S.Ct.marking the South side center of claim,N.7°40' E. 274 feet,10 ft,wide,7 ft,face,running N.26°E.15 ft,in rock. Value \$100.00.

No.5.A Cut, the face of which bears from post A.C. T.S.S.Ct.N.35°25'E.150 ft,10 ft,wide 6 ft,face,running N.40°E.20 ft,in earth and rock. Value \$100.00.

No 1.The Discovery Cut of the Indian Club lode, the face of which is on the center line 750 ft,from center of line 4-5 and post I.C.E.Ct,4 ft,wide,8 ft, face ,running S,25°W,25 ft,in earth and rock. Value \$100.00.

No.2.A Cut, the face of which bears from post I.C. S.S. Ct.marking the South side center of claim,N.16°W.245 feet,20 ft,wide,11 ft,face,running S.30°W.12 ft,in rock,at center end of cut there is an excavation 5 x 14 ft,8 feet deep,in rock.

Value of Cut and excavation \$250.00.

No.3.A Cut, the face of which bears from post I.C. S.S.Ct,N.28°30'W.220 ft,3 ft,wide,6 ft,face,running S.30°W.10 ft,in rock, Value \$50.00.

No.4.A Cut, the face of which bears from Cor.No.1. N.88°E.250 ft,18 ft,wide 8 ft,face,running N.85°E.17 feet in rock and earth. Value \$150.00.

The face of a Cut and mouth of tunnel,for the development of the Vulture lode,of this survey,bears S.63°E.385 ft,from Cor.No1.of this lode.a full interest in this work has been credited to the Vulture lode claim.

This work is in course of construction for the development of the Vulture lode claim of this survey, and will,if continued in its present course,cut the vein of the Vulture lode at great depth,so that claim can be advantageously and economically developed.

No. 1. The Discovery Cut of the Isle Royale lode, the face of which is on the center line 700 feet from center of line 1-2 and post I.R.W. ^E Cut. 4 ft, wide 9 ft, face, running S. 24° W. 18 ft, in rock.

Value \$100.00.

No. 2. A Cut, the face of which bears from post I.R. N.S. Cut, marking the North side center of claim S. 41° W. 60 ft, 10 ft, wide 12 ft, face, running S. 24° W. 25 ft, in rock.

Value \$250.00.

No. 3. A Cut, the face of which bears from post I.R. N.S. Cut, N. 79° W. 125 ft. 4 ft, wide 5 ft, face, running S. 30° W. 10 ft, in earth and rock.

Value \$75.00.

No. 4. A Cut, the face of which bears from Cor. No. 4. N. 54° 15' E. 280 ft, 4 ft, wide 8 ft, face running N. 20° E. 16 ft, in rock, at end of Cut, a tunnel 4 x 6 ft, running N. 20° E. 31 ft, in rock, to breast, on East side of Cut, a Shaft 5 x 7 ft, has been sunk to a depth of 14 ft, in rock.

Value of Cut Tunnel and Shaft \$550.00.

No. 1. The Discovery Cut of the Vulture lode, the face of which is on the center line 611 ft, from center of line 1-4 and post V.W. Cut. 4 feet wide, 8 ft, face, running S. 22° W. 18 ft, in earth and rock.

Value \$100.00.

No. 2. A Cut, the face of which bears from Cor. No. 3. S. 61° W. 175 ft. 4 ft, wide 8 ft, face, running S. 50° E. 14 feet, in earth and rock.

Value \$50.00.

An undivided interest in a Cut, Tunnel and Winze, on the Indian Club lode, of this survey. the face of Cut and mouth of Tunnel bears from Cor. No. 1. of this lode, N. 47° 35' W. 1015 ft, Cut 16 ft, wide, 8 ft, face, running S. 65° E. 15 ft, in earth and rock from center of face of Cut a tunnel has been driven 4 x 6 ft, running S. 65° E, 21 ft, in rock, from end of tunnel a Winze has been sunk 5 x 6 ft, running S. 65° E. 45 ft, in rock, dip 30.

Value of Cut Tunnel and Winze \$ 750.00.

OTHER IMPROVEMENTS.

A Smelter, the South East Cor. of which bears from Cor. No. 1. Sur. No. 1388 B, Telephone Mill site, N. $53^{\circ}45'$ W. 113 ft. 37 x 61 ft. built of Lumber, course of long sides N. $33^{\circ}30'$ W.

Superintendents Office, built of adobe, the S. E. Cor. of which bears from Cor. No. 1. Sur. No. 1388 B. Dan Mill site N. $48^{\circ}45'$ W. 162 ft. course of long sides North.

Laboratory, built of adobe, the S. E. Cor. of which bears from Cor. No. 1. Sur. No. 1388 B. Dan Mill site, N. 26° W. 133 ft. 14 x 48 ft, course of long sides East.

Clerks Office, built of adobe, the S. W. Cor. of which bears from Cor. No. 2. Sur. No. 1388 B. Wedge Mill site. N. $81^{\circ}15'$ E. 10 feet, 14 x 37, course of long sides East.

Resident Engineers house and Office, built of adobe, the S. E. Cor. of which bears from Cor. No. 1. Sur. No. 1388 B. Dan Mill site, N. $79^{\circ}18'$ W. 82 feet, North wing 14 x 64 Feet course of long sides West, East wing 14 x 68 feet, course of long sides South.

Portion of Superintendents Dwelling, built of adobe, the N. E. Cor. of which bears from Cor. No. 2. Sur. No. 1388 B. American Mill site, N. $13^{\circ}50'$ W. 38 feet, North Wing 14 x 62 feet course of long sides West, West Wing, 14 x 59 feet, course of long sides South.

Boarding house, built of adobe, the S. E. Cor. of which bears from Cor. No. 5. Sur. No. 1388 B. Dan Mill site, N. $81^{\circ}50'$ W. 273 feet, 25.5 x 49 feet, course of long sides North.

Store House, built of adobe, the S. E. Cor. of which bears from Cor. No. 5 Sur. No. 1388 B. Dan Mill site, N. $80^{\circ}50'$ W. 240 feet, 14 x 32.5 feet, course of long sides North.

Bunk House, built of adobe, the N. E. Cor. of which bears from Cor. No. 3. Sur. No. 1388 A. Wedge lode, N. 80° W. 15 feet. North wing 14 x 86.5 feet, course of long sides West, East wing 14 x 105 ft, course of long sides North.

Bunk House, built of adobe, the N. E. Cor. of which bears from, Cor. No. 4. Sur. No. 1388 A. New Mexico lode, S. 36° W. 436 feet, 14 x 18 feet, course of long sides N. 20° E. All of aforesaid buildings belong to Claimant herein.

(107)

A Well 20 x 20 feet, 20 feet deep, timbered, which bears
from Cor.No.1. Heavy Weight Millsite of this survey,
N.0° 30' W. 308 ft.

INSTRUMENT.

This survey was made with a Gurley Light Mountain Transit, The Course were deflected from the true Meridian as determined by direct Solar observations.

The distances were measured with 500 and 100 ft, steel tapes.

Note, The disagreements between these field notes and the location certificates of the Exchange No. 2. Hattie, Recorder, Elgin, Wedge, Water Wish, Black Horse, Vulture, Buzzard, Telemeter, General, Slide, Dan, A. O. T. Little Dave, and Pilot. lodes, and the Recorder, American, Old Dick, Dan and Wedge Mill-site claims, with regard to the position of the discovery point and the course and distance of the boundary lines, are due to errors in the latter.

The difference in the measurement of the North side line of Lot No. 37. Omega lode as surveyed by me June 1881, is accounted for by the extreme roughness of the Omega Hill over which the line runs, the foregoing applies also to the difference in measurement of the North side line of Lot No. 38, Omega 1st, Ex, South lode, also surveyed by me June 1881.

I carefully retraced these lines and found them to be as now stated in my notes of this survey, viz. The North side line of the Omega lode Lot No. 37. 1448.5 ft, and the North side line of Lot No. 38, Omega, 1st, Ex, South lode 1483 ft. The difference of the 30' in the courses of these lines can only be accounted for, in the fact of an error being made by me in noting course, when in the field, making the survey of June 1881.

George J. Roskruege

U, S, Deputy Mineral Surveyor.

Tucson, Arizona.

October 2nd, 1899.

-1-

AREA.

BOSTON LODE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
S.75.00	W. 600	.....	155.29	.....	579.55	579.55	89998.32
N.36 10	W.1337	1079.3	.....	.....	789.01	1948.11	.....2102595.12
N.75 00	E. 600	155.29	.....	579.55	.....	2157.57	..... 335049.04
S36 10	E.1337	.....	1079.3	789.01	.....	.....	851578.49
		1234.59	1234.59	1368.56	1368.56		941576.81
							2437644.16
							941576.81
							2)1496067.35
							748033.68
							43560)748033.68
							17.17 acres

BOSTON LODE Conflict with TELEPHONE LODE of this survey.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
S.75 00	W.215.18	.....	55.68	.....	207.85	207.85	11573.09
N. I 24	W.344.70	344.68	.....	.....	8.42	424.12	..... 146185.68
S.36 10	E.366.30	.....	238.98	216.16	.....	216.16	62465.91
		344.68	344.66	216.16	216.27		74039.00
							146185.68
							74039.00
							2)72146.68
							36073.34
							43560)36073.34
							.83 acres

BOSTON LODE Conflict with Survey No.1305 MONITOR LODE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
S.36 10	E.152.5	.....	122.96	90.00	.....	90.00	..... 11066.40
S.59 00	W. 39.1	.....	20.12	.....	33.52	146.48	..... 2947.18
N.31 00	W.158.8	136.29	.....	.....	81.79	31.17	4248.16
N.75 00	E. 26.2	6.79	.....	25.31	.....	25.31	171.85
		143.08	143.08	115.31	115.31		4420.01
							14013.58
							4420.01
							2)9593.57
							4796.78
							43560)4796.78
							.11 acres.

Total area of Boston Lode ----- 17.17 acres.

Less area in conflict with

Telephone Lode of this survey83 "

Survey No.1305 Monitor Lode ----- .11 "

Net area of Boston Lode ----- 16.23 acres.

Telephone Lode.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
S. 1 24	E. 600	.....	599.82	14.66	.....	14.66	..... 8792.76
S.88 36	W.1500	.....	36.65	.....	1499.50	1470.18	53882.10
N. 1 24	W. 600	599.82	.....	.....	14.66	2984.34	..... 1790066.82
N.88 36	E.1500	36.65	.....	1499.50	.....	1499.50	..... 54953.68
		636.47	636.47	1514.16	1514.16		53882.10
							1853813.26
							53882.10
							2)1799931.16
							899965.58
							43560)899965.58
							20.66 acres

Total and net area of Telephone Lode ----- 20.66 acres.

- 2 -
TELEPHONE LODE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.	
S.1° 24E.	600	.....	599.82	14.66	.....	14.66	8792.76
S88° 36W.	1500	.....	36.65	.....	1499.5	1470.18	53882.10
N.1° 24W.	600	599.82	.....	.....	14.66	2984.34	1790066.82
N.88° 36E.	1500	36.65	.....	1499.5	.....	1499.5	54953.68
							53882.10	1853813.26
43560) 899965.53							2) 53882.10	
20.66 Acres.							2) 1799931.16	899965.53

ELGIN LODE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.	
S.59° W.	600	.....	309.08	.....	514.3	514.3	158428.13	
N.53° 44W.	1185	700.98	.....	.....	955.43	1984.08	1390765.35	
N.59° E.	600	309.03	.....	514.3	.....	2425.16	749447.19	
S.53° 44E.	1185	.....	700.98	955.43	.....	955.43	669738.32	
							1010.01	1010.01
							1469.73	1469.73
							828166.45	2140212.54
43560) 556023.04							2) 828166.45	
15.06 Acres.							2) 1312046.09	656023.04

ELGIN LODE Conflict with NEWMAN LODE of Sur.No.1304.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.	
N.54° 30W.	4.0	2.38	.....	.....	3.34	3.34	7.94	
S.59° W.	22.5	.....	11.59	.....	19.29	25.97	300.99	
N.67° 41E.	24.5	9.30	.....	22.67	.....	22.67	210.83	
							11.68	11.59
							22.67	22.63
							300.99	218.78
							218.78	
43560) 41.14							2) 82.21	
.001 Acres.							41.001	

ELGIN LODE Conflict with TELEPHONE LODE of this Survey.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.	
S.59° W.	270	.....	139.06	.....	231.43	231.43	32182.65	
N.53° 44W.	217.7	128.8	.....	.....	175.5	638.36	82220.77	
N.88° 36E.	407	9.94	.....	406.88	.....	406.88	4045.38	
							138.74	139.06
							406.88	406.93
							32182.65	86266.15
							32182.65	
43560) 27041.75							2) 54083.50	
.628 Acres.							27041.75	

Total Area of Elgin Lode----- 15.06
 Less area in conflict with Sur.No.1304
 Newman Lode----- .001
 Telephone Lode of this Survey----- .63
 Net Area of Elgin Lode----- 14.43 Acres

- 4 -
DAN LODE Conflict with Elgin Lode of this survey.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA
S.59° W.	330	....	169.74	...	282.59	282.59	47966.83
N.50° 54W.	200	126.26	.....	.....	155.06	720.24	..... 90937.50
N72° 25E.	363.5	109.94	.....	346.85	.....	528.45	..... 58097.79
S.53° 44E.	112.5	.....	66.47	90.8	.....	90.8	6027.48
		236.20	236.21	437.65	437.65		53994.31 149035.29
							53994.31
							2)95040.98
							47520.49
							43560)47520.49
							109 Acres

DAN LODE Conflict with Telephone lode of this survey.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG	DOUBLE AREA
S.1° 24E.	20.4	.....	20.14	0.5	....	.5	..... 10.07
S.72° 25W.	405.5	.....	120.97	.....	386.56	385.56	46641.19 ...
N.50° 54W.	200	127.66	.....	.....	155.33	927.45	..... 118398.28
N.88° 36E.	541.5	13.39	.....	541.33	.....	541.33	..... 7248.40
		141.05	141.11	541.83	541.89		46641.19 125656.73
							046641.19
							2)79015.54
							39507.77
							43560)39507.77
							.907 Acres

DAN LODE CONFLICT with WEDGE LODE of this survey.

Course.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA
S.72° 25W.	343.5	....	106.18	....	327.20	327.20	34742.10
N. 1° 24W.	20.4	20.39	...	...	0.46	654.86	..... 13252.60
N.39° 6E.	273.1	211.93	....	171.39	....	482.93	.....102547.35
S.50° 54E.	200	.....	126.14	155.33	.....	155.33	19593.33
		232.32	232.32	327.72	327.66		54335.43 115899.93
							54335.43
							2)61564.52
							30782.26
							43560)30782.26
							.706 Acres

Total area DAN LODE -----	5.86 Acres
Less area in conflict with	
GENERAL LODE of this survey-----	.67 Acres
ELGIN LODE of this survey-----	1.09 "
TELEPHONE LODE of this survey -----	.91 "
WEDGE LODE of this survey-----	.71 "
Net area of DAN LODE -----	2.48 Acres

TELEMETER Lode conflict with BLACKHAWK LODE of this survey.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA
N.25 30E.	300	269.88	.....	129.15	.....	129.15	34855.0
S.87 33E	390	..	16.72	389.64	.....	647.94	.....10835.6
S.64 4W.	577	..	253.16	.....	518.9	518.68	.....131309.0
		269.88	269.88	518.8	518.9		34855.0 142144.6
							34855.0
							2)107289.6
							53644.8

43560)53644.8
1.21 acres

Total area of TELEMETER LODE ----- 9.37 acres
 Less area in conflict with
 BLACKHAWK LODE of this survey ----- 1.21
 Net area of TELEMETER LODE ----- 8.16 acres

BLACKHAWK LODE

COURSE	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA
S.64 4W.	1500	.....	655.99	.....	1348.98	1348.98	1884917.4
N.25 56W.	465	418.17	.....	.....	203.35	2901.31	..... 1213240.8
N.64 4E.	1500	655.99	.....	1348.98	.....	1755.68	..... 1151708.5
S.25 56E.	465	.....	418.17	203.35	.....	203.35	85134.9
		1074.16	1074.16	1552.33	1552.33		970052.3 2364949.3
							970052.3
							2)1394897.0
							697448.5

43560)697448.5
16.01 acres

BLACKHAWK LODE conflict with Survey No. 1304 NEWMAN LODE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
S.64 4W.	814	.....	356.0	.....	730.0	730.0	259880.0
N.25 56W.	300	269.7	.....	.....	131.2	1591.2	..... 428146.6
N.71 29E.	847.49	269.1	.....	803.61	.....	918.79	..... 247246.4
S17 30E.	191.5	.....	182.7	57.59	.....	57.59	10521.7
		538.8	538.7	861.2	861.2		270401.7 675393.0
							270401.7
							2)404991.3
							202495.5

43560)202495.5
4.65 acres

Total area of BLACKHAWK LODE ----- 16.01 acres
 Less area in conflict with
 sur. No. 1304 Newman Lode ----- -4.65
 Net area of Blackhawk Lode ----- 11.36 acres

- 8. -

CHANCE LODGE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBL AREA
S.64 04W.	1500	.....	655.99	.....	1348.98	1348.98	884917.40
N.25 56W.	600	539.58	.....	.....	262.40	2960.38	1597361.8
N.64 04E.	1500	655.99	.....	1348.99	.....	1873.79	1229187.5
S.25 56E.	600	.....	539.58	262.40	.....	262.40	141585.8
		1195.57	1195.57	1611.39	1611.39		1026503.2
							2826549.3
							1026503.2
							2)1800043.1
							9000#21.5
							43560)9000#21.5
							20.66 acres.

RECORDER LODGE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
S.25 30W.	468.8	.....	423.13	.....	201.82	201.82	85396.1
N.51 25W.	1156.2	721.06	.....	.....	903.80	1307.44	942766.1
N.25 30E.	2.5	2.26	.....	1.08	.....	2210.16	4995.05
S.74 45E.	1145	.....	301.1	1104.7	.....	1104.70	332625.2
		723.3	724.2	1105.78	1105.62		418021.3
							947761.2
							418021.3
							2)523739.9
							264369.9
							43560)264369.9
							6.07 acres.

SILVER SPUR LODGE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
N.74 45W.	750	197.27	.....	.....	723.59	723.59	142742.60
N.25 30E.	600	541.55	.....	258.31	.....	1188.87	643832.55
S.74 45E.	750	.....	197.27	723.59	.....	206.97	40829.97
S.25 30W.	600	.....	541.55	.....	258.31	258.31	139887.78
		738.82	738.82	981.90	981.90		40829.97
							926462.93
							40829.97
							2)885632.96
							442816.5
							43560)442816.5
							10.166 acres

SILVER SPUR LODGE conflict with the AMERICAN# LODGE of this survey.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
N.74 45W.	284.1	74.73	.....	.....	274.09	274.09	20482.75
N.25 30E.	268.2	242.07	.....	115.46	.....	432.72	104748.43
S.64 30E.	279.5	.....	120.33	252.27	.....	64.99	7820.25
S.25 30W.	217.7	.....	196.49	.....	93.72	93.72	18415.04
		316.80	316.82	367.83	367.81		7820.25
							143646.32
							7820.25
							2)135826.07
							67913.0
							43560)67913.0
							1.56 acres.

Total area of SILVER SPUR LODGE -----10.17 acres
 Less area in conflict with
 AMERICAN LODGE of this survey ----- 1.56 "
 # Net area of SILVER SPUR LODGE----- 8.61 acres.

SLIDE LODE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
N.74 45 W.	1413.05	371.8	.....	.....	1363.7	1363.7	507023.66
N.25 30 E.	210	189.54	.....	90.41	.....	2636.99	499315.08
S.86 30 E.	1500	.....	91.57	1497.2	.....	1049.38	96091.73
S.25 30 W.	520	.....	439.35	.....	223.86	223.86	105068.69
		561.34	530.92	1587.61	1587.56		96091.73
							1111907.43
							96091.73
							2)1115816.70
							557908.3
							43560)557908.3
							12.88 acres.
Total and net area of SLIDE LODE----12.88 acres							

BACKBONE LODE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
N.86 30 W.	1500	91.57	.....	.....	1497.2	1497.2	137098.60
N.25 30 E.	597.7	539.48	....	251.32	.....	2743.08	1479836.80
S.86 30 E.	1500	...	91.57	1497.2	.....	994.56	91071.86
S.25 30 W.	597.7	.....	539.48	.....	251.32	251.32	135582.11
		631.05	631.05	1748.52	1748.52		91071.86
							1752517.51
							91071.86
							2)1661445.65
							830722.82
							43560)830722.82
							19.07 acres
Total and net area of BACKBONE LODE----- 19.07 acres							

OLD DICK LODE.

COURSE	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
S.25 30 W,	600	.....	541.6	.....	258.3	258.3	139895.28
N.64 30 W.	1479.5	636.9	.....	.....	1335.4	1852.0	1179538.80
N.25 30 E.	600	541.6	.....	258.3	.....	2929.1	1586400.5
S.64 30 E.	1479.5	.....	636.9	1335.4	.....	1335.4	850516.26
		1178.5	1178.5	1593.7	1593.7		990411.54
							2765939.4
							990411.5
							2)1775527.9
							887763.9
							43560)887763.9
							20.13 acres
Total and net area of Old Dick Lode -----20.13 acres.							

AMERICAN LODE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
S.25 30 W.	600	.....	541.6	.....	258.3	258.3	139895.28
N.64 30 W.	1479.5	636.9	.....	.....	1335.4	1852.0	1179538.80
N.25 30 E.	600	541.6	.....	258.3	.....	2929.1	1586400.56
S.64 30 E.	1479.5	.....	636.9	1335.4	.....	1335.4	850516.26
		1178.5	1178.5	1593.7	1593.7		990411.54
							2765939.36
							990411.54
							2)1775527.82
							887763.91
							43560)887763.91
							20.13 acres.
Total and net area of American Lode -----20.13 acres.							

HEAVY WEIGHT LODGE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
N.64	30 W. 600	258.31	.....	.....	541.55	541.55	..... 139887.78
N.25	30 E.1500	1353.90	.....	645.76	.....	437.34	..... 592114.62
S.64	30 E. 600	.....	258.31	541.55	.....	749.97	..... 193724.75
S.25	30 W.1500	.....	1353.90	.....	645.76	645.76	..... 874294.46
		1612.21	1612.21	1187.31	1187.31	2)1800017.62	
43560		900008.81				900008.81	
20.66 acres.							

Total and net (area of Heavy Weight Lodge -----20.66 acres.

BUZZARD LODGE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
N.64	30 W.1500	645.76	.....	.....	1353.9	1353.9	..... 874204.5
N.25	30 E. 600	541.55	.....	258.31	.....	2449.49	..... 1326521.3
S.64	30 E.1500	.....	645.76	1353.9	.....	837.28	540671.93
S.25	30 W. 600	.....	541.55	.....	258.31	258.31	# 139887.8
		1187.31	1187.31	1612.21	1612.21	540671.93 2340613.6	
43560		899970.8				540670.9	
						2)1799941.6	
						899970.8	
20.66 acres.							

Total and net area of BUZZARD LODGE -----20.66 acres.

LIGHT WEIGHT LODGE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
N.64	30 W. 600	258.31	.....	.....	541.55	541.55	..... 139887.78
N.25	30 E.1500	1353.90	.....	645.76	.....	437.34	..... 592114.62
S.64	30 E. 600	.....	258.31	541.55	.....	749.97	..... 193724.75
S.25	30 W.1500	645.76	1353.90	.....	645.76	645.76	..... 874294.46
		1612.21	1612.21	1187.31	1187.31	2)1800017.62	
43560		900008.81				900008.81	
20.66 acres							

Total and net area of LIGHT WEIGHT LODGE --- 20.66 acres.

GRIZZLY LODGE.

COURSE	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA
S.25	30 W. 600	.....	541.55	.....	258.3	258.3	139882.36
N.64	30 W.1500	645.77	.....	.....	1353.8	1870.4	..... 1207848.21
N.25	30 E. 600	541.55	.....	258.3	.....	2965.9	..... 1606183.15
S.64	30 E.1500	.....	645.77	135.38	.....	1353.8	874243.43
		1187.32	1187.32	1612.10	1612.10	1014125.79 2814031.36	
43560		899952.78				1014125.79	
						2)1799905.57	
						899952.78	
20.66 acres							

-----Total and net area of Grizzly Lodge--- 20.66 acres

NEW MEXICO LODGE.

COURSE.	DIST.	N.	S.	E.	W.	DOUB.LONG.	DOUBLE AREA.	
S.25	30 W.	439.5	396.68	189.21	189.21	75055.82		
N.64	30 W.	1500	645.77	1353.80	1732.22	1118615.71		
N.25	30 E.	439.5	386.68	189.21	2896.81	1149106.59		
S.64	30 E.	1500	645.77	1353.80	1353.80	874243.43		
		1042.45	1042.45	1543.01	1543.01	949299.25	2267722.30	
							949299.25	2)1318423.05
								659211.52
								43560)659211.52
								15.13 acres.

Total and net area NEW MEXICO LODGE-----15.13 acres.

WATER WISH LODGE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.	
N.64	30 W.	600	258.31	541.55	541.55	139887.78		
N.25	30 E.	1500	1353.90	645.76	437.34	592114.63		
S.64	30 E.	600	258.31	541.55	749.97	193724.75		
S.25	30 W.	1500	1353.90	645.76	645.76	874294.46		
		1612.21	1612.21	1187.31	1187.31		2)1800017.62	
								900008.81
								43560)900008.81
								20.66 acres.

Total and net area of WATER WISH LODGE ----- 20.66 acres

WISCONSIN LODGE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.	
N.64	30 W.	600	258.31	541.55	541.55	139887.78		
N.25	30 E.	1500	1353.90	645.76	437.34	592114.63		
S.64	30 E.	600	258.31	541.55	749.97	193724.75		
S.25	30 W.	1500	1353.90	645.76	645.76	874294.46		
		1612.21	1612.21	1187.31	1187.31		2)1800017.62	
								900008.81
								43560)900008.81
								20.66 acres.

Total and net area of WISCONSIN LODGE-----20.66 acres.

FLYING DUTCHMAN LODGE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.	
N.64	30 W.	600	258.31	541.55	541.55	139887.87		
N.25	30 E.	1500	1353.90	645.76	437.34	592114.63		
S.64	30 E.	600	258.31	541.55	749.97	193724.75		
S.25	30 W.	1500	1353.90	645.76	645.76	874294.46		
		1612.21	1612.21	1187.31	1187.31		2)1800017.62	
								900008.81
								43560)900008.81
								20.66 acres.

12

FLYING DUTCHMAN LODE in Conflict with Sur.No.1303 BLACK BESS LODE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
S.53 55 E.	55	.....	32.36	44.49	.....	44.49	1439.70
N.25 30 E.	450.4	407.04	.....	194.30	.....	283.28	115306.29
S.32 30 W.	444.5	.....	374.54	.....	238.83	238.83	39451.38
		407.04	407.00	238.79	238.83		115306.29
							90891.08
							2)24415.21
							12207.60
							43560)12207.60
							.28 acres.

Total Area of FLYING DUTCHMAN LODE ----- 20.66 acres.
 Less area in conflict with
 Sur.No.1303 Black Bess Lode ----- .28 "
 Net Area of Flying Dutchman Lode ----- 20.38 acres.

EXCHANGE NO. 2 LODE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
S.25 30 W.	235.6	.....	212.65	.....	101.43	101.43	21569.09
N.64 30 W.	1200	513.31	.....	.....	1083.10	1285.96	664339.79
N.25 30 E.	400	861.03	.....	172.20	.....	2196.86	793132.36
S.56 41 E.	1211.2	.....	665.27	1012.10	.....	1012.10	673319.76
		877.64	877.92	1184.30	1184.53		694888.85
							1457472.15
							694888.85
							2)762583.30
							381291.65
							43560)381291.65
							8.75 acres.

EXCHANGE No.2 LODE Conflict with Sur.No.1303 BLACK BESS LODE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
N. 25 30 E.	71.8	64.81	.....	30.91	.....	30.91	2003.28
S.56 41 E.	994.0	.....	545.97	330.63	.....	392.44	487245.7
S.56 41 E.	994.0	.....	545.97	330.63	.....	392.44	487245.7
S.32 30 W.	119.0	.....	100.36	.....	63.94	1659.13	136510.3
N. 53 55 W.	987.3	581.48	.....	.....	797.90	797.90	463962.89
		646.29	646.33	861.54	861.84		466966.17
							653755.5
							465966.7
							2)187789.8
							93894.9
							43560)93894.79
							2.16 acres.

Total Area of EXCHANGE No.2 LODE ----- 8.75 acres
 Less area in conflict with
 Sur.No.1303 Black Bess Lode ----- 2.16 "
 Net area of Exchange No.2 Lode ----- 6.59 acres.

- 13 -
EXCHANGE LODGE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
N.64 30 W.	600	258.31	.....	.....	541.55	541.55	..... 139887.78
N.25 30 E.	1500	1353.90	.....	645.76	.....	437.34	..... 592114.63
S.64 30 E.	600	.....	258.31	541.55	.....	749.97	..... 193724.75
S.25 30 W.	1500	.....	1353.90	.....	645.76	645.76	..... 874294.46
		1612.21	1612.21	1187.31	1187.31		2)1800017.62
		43560)900008.81					900008.81
							20.66 acres.
Total and Net Area of EXCHANGE LODGE-----							20.66 acres.

LEADER LODGE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
N.64 30 W.	600	258.31	.....	.....	541.55	541.55	..... 139887.78
N.25 30 E.	1500	1353.90	.....	645.76	.....	437.34	..... 592114.63
S. 64 30 E.	600	.....	258.31	541.55	.....	749.97	..... 193724.75
S.25 30 W.	1500	.....	1353.90	.....	645.76	645.76	..... 874294.46
		1612.21	1612.21	1187.31	1187.31		2)1800017.62
		43560)900008.81					900008.81
							20.66 acres.
Total and Net Area of LEADER LODGE-----							20.66 acres

TALLY HO LODGE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
N.64 30 W.	600	258.31	.....	.....	541.55	541.55	..... 139887.78
N.25 30 E.	1500	1353.90	.....	645.76	.....	437.34	..... 592114.63
S.64 30 E.	600	.....	258.31	541.55	.....	749.97	..... 193724.75
S.25 30 W.	1500	.....	1353.90	.....	645.76	645.76	..... 874294.46
		1612.21	1612.21	1187.31	1187.31		2)1800017.62
		43560)900008.81					900008.81
							20.66 acres.

TALLY HO LODGE Conflict with Sur.Lot 37 OMEGA LODGE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
S.25 30 W.	235.6	.....	212.86	.....	101.31	101.31	21564.85
N.64 30 W.	56.0	24.09	.....	.....	50.49	253.11	..... 6097.42
N.27 55 E.	238.0	210.09	.....	111.56	.....	192.04	..... 40345.68
S.62 05 E.	45.5	.....	21.32	40.25	.....	40.23	857.70
		234.18	234.18	151.81	151.80		22422.55
		43560)12010.28					46443.10
							22422.55
							2)24020.55
							12010.28
							.28 acres.

14.

Total Area of TALLY HO LODE----- 20.66 acres.
 Less area in conflict with
 Sur.Lot 37 Omega lode .28 "
 Net area of TALLY HO LODE----- 20.38 acres.

COPPER WORLD LODE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
N.64 30 W.	600	258.31	.....	.....	541.55	541.55	..... 139887.78
N.25 30 E.	1500	1353.90	.....	645.76	.....	437.34	..... 592114.63
S.64 30 E.	600	.....	258.31	541.55	.....	749.97	..... 193724.75
S.25 30 W.	1500	.....	1353.90	.....	645.76	645.76	..... 874294.46
		1612.21	1612.21	1187.31	1187.31		2)1800017.62
							900008.81
							43560)900008.81
							20.66 acres.

Total and net area of COPPER WORLD LODE ----- 20.66 acres.

Black Horse Lode.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
S.19 00 W.	600	.....	567.31	.....	195.34	195.34	110818.34
N.62 05 W.	1015	475.21	.....	.....	896.88	1287.58	..... 611861.39
N.19 00 E.	600	567.31	.....	195.34	.....	1989.10	..... 1128436.32
S.62 05 E.	1015	.....	475.21	896.88	.....	896.88	426206.34
		1042.52	1042.52	1092.22	1092.22		537024.68 1740297.71
							537024.68
							2)1203273.03
							601636.51
							43560)601636.51
							13.81 acres.

Total and net area of BLACK HORSE LODE ----- 13.81 acres.

OWOSKO LODE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
S.25 30 W.	1500	.....	1353.90	.....	645.76	645.76	874294.46
N.62 05 W.	600	280.91	.....	.....	530.18	1821.70	..... 511733.75
N.25 30 E.	1500	1353.90	.....	645.76	.....	1706.12	..... 2309915.87
S.62 05 E.	600	.....	280.91	530.18	.....	530.18	148932.86
		1634.81	1634.81	1175.94	1175.94		1023227.32 2821649.62
							1023227.32
							2)1798422.30
							899211.15
							43560)899211.15
							20.66 acres

Total and net area OWOSKO LODE ----- 20.66 acres.

Total area of BRUNSWICK LODE ----- 20.66 acres.
 Less area in conflict with
 Sur.No.1311 ANTELOPE LODE ----- 2.20 "
 Net area of BRUNSWICK LODE----- 18.46 acres.

PILOT LODE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
S.25 30 W.	1207.0	.....	1089.40	.....	519.63	519.63	566084.92 #####
N.71 00 W.	603.6	196.52	.....	.....	570.71	1609.97	..... 316392.30
N.25 30 E.	1207.	1089.40	.....	519.63	.....	1661.05	..... 1809549.87
S.71 00 E.	603.6	.....	196.52	570.71	.....	570.71	112155.93
		1285.92	1285.92	1090.34	1090.34		678240.85 2125942.17
							678240.85
43560)	723850.66						2)1447701.32
	16.62 acres.						723850.66

PILOT LODE Conflict with Sur. No. 1312 BALTIMORE LODE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
S.25 30 W.	496.8	.....	448.40	.....	213.88	213.88	95903.79
N.19 02 W.	474.5	448.55	.....	.....	154.74	582.50	..... 261280.38
N.89 15 E.	355.0	4.65	.....	354.97	.....	382.27	..... 1777.56
S.71 00 E.	14.5	.....	4.72	13.71	.....	13.59	64.14
		453.20	453.12	368.68	368.62		95967.93 263059.94
							95967.93
43560)	83545.00						2)167090.01
	1.92 acres.						83545.00

Total area of PILOT LODE ----- 16.62 acres
 Less area in conflict with
 Sur.No.1312 BALTIMORE LODE----- 1.92 "
 Net area of PILOT LODE ----- 14.70 acres.

A.O.T. LODE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
S.25 30 W.	600	.....	541.26	.....	258.30	258.30	139807.46
N.62 05 W.	1140	533.73	.....	.....	1007.30	1523.90	..... 813351.15
N.25 30 E.	600	541.26	.....	258.30	.....	2272.90	..... 1230229.85
S.62 05 E.	1140	.....	533.73	1007.30	.....	1007.30	537626.23
		1074.99	1074.99	1265.60	1265.60		677433.69 2043581.00
							677433.69
43560)	683073.65						2)1366147.31
	15.68 acres.						683073.65

A.O.T. LODE Conflict with Sur. No. 1312 BALTIMORE LODE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
S.89 15 W.	277.4	.....	3.70	.....	277.19	277.19	1025.60
N.19 02 W.	195.5	184.31	.....	.....	63.76	618.14	..... 114238.45
S.62 05 E.	386.0	.....	180.80	341.08	.....	341.08	61667.26
		184.81	184.50	341.08	340.95		62692.86 114238.45
2)51545.59		43560)	25772.79				62692.86
25772.79			.59 acres.				2)51545.59

17

A.O.T. Conflict with Sur. No. 1308 KING LODGE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.	
N.22 20 W.102,1	94.44	.....	.....	.....	38.80	38.80	3664.27
N.67 40 E.11277	42.83	.....	.....	104.25	.....	28.65	1141.42
S.25 30 W.152.0	.....	137.19	.....	.....	65.44	65.44	8977.71
	137.27	137.19	104.25	104.24		1141.42	12641.98	
							1141.42	
43560)5750.28						2)11500.56
	.13 acres.							5750.28

A.O.T. LODGE Conflict with VULTURE LODGE of this survey.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.	
N.62 05 W. 50.8	23.78	.....	.....	.....	44.89	44.89	1067.48
N.47 00 E.138.5	94.46	.....	.....	101.29	.....	11.51	1087.23
S.25 30 W.131.0	.....	118.24	.....	.....	56.40	56.40	6668.74
	118.24	118.24	101.29	101.29		1087.23	7736.22	
							1087.23	
43560)3324.49						2)6648.99
	.76 acres.							3324.49

Total area of A.O.T. LODGE ----- 15.68 acres.
 Less area in conflict with
 Sur.1312 BALTIMORE LODGE ----- .59 acres
 Sur.No.1308 King Lodge ----- .13 "
 Vulture lode of this survey-- .76 " 1.48 "
 Net area of A.O.T. Lode ----- 14.20 acres.

Indian Club Lodge.

COURSE	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.	
S.25 30 W. 600	.....	541.55	.....	.....	258.3	258.30	139882.36
N.62 05 W.1500	702.28	.....	.....	.....	1325.4	1842.0	1293599.76
N.25 30 E. 506	456.70	.....	.....	217.84	.....	2949.6	1347064.05
S.71 00 E. 603.6	.....	196.51	.....	570.71	.....	2161.0	424660.07
S.62 05 E. 900	.....	421.37	.....	795.27	.....	795.3	335102.92
	1158.98	1159.43	1583.82	1583.7		899645.35	2640663.81	
							899645.35	
43560)870509.23						2)1741018.46
	19.98 acres.							870509.23

INDIAN CLUB CONFLICT WITH VULTURE LODGE OF THIS SURVEY.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.	
N.62 05 W. 43.4	20.32	.....	.....	.....	38.35	38.35	779.27
N.47 00 E. 118.4	80.75	.....	.....	.86.59	.....	9.89	798.62
S.25 30 W. 112.0	.....	101.09	.....	48.22	48.22	.....	4874.56
	101.07	101.09	86.49	86.57		798.62	5653.83	
							798.62	
43560)2427.60						2)4855.21
	.56 acres.							2427.60

Total area of INDIAN CLUB LODGE ----- 19.98 acres.
 Less area in conflict with
 VULTURE LODGE of this survey ----- .56 "
 Net area of INDIAN CLUB LODGE ----- 19.42 acres.

78.

ISLE ROYALE LODGE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
S.25	30 W.	600	541.55	258.3	258.3	139882.36	.....
N.62	05 W.	1400	655.46	1237.2	1753.8	1149545.75	.....
N.25	30 E.	600	541.55	258.3	2732.7	1479893.68	.....
S.62	05 E.	1400	655.46	1237.2	1237.2	810935.11	.....
			1197.01	1495.5	1495.5	950817.47	2629439.43
							950817.47
							2)1678621.96
							839310.48
43560)839310.48							
							19.28 acres.

ISLE ROYALE LODGE Conflict with VULTURE LODGE of this survey.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
N.32	20 W.	54.5	50.41	20.71	20.71	1043.99	.....
N.47	00 E.	110.2	75.16	80.595	39.17	2944.02	.....
S.25	30 W.	139.1	125.55	59.83	59.88	7517.93	.....
			125.57	80.595	80.59	2944.02	8561.92
							2944.02
							2)5817.90
							2808.95
43560)2808.95							
							.65 acres.

Total area of Isle Royale Lodge ----- 19.28 acres.
 Less area in conflict with
 Vulture Lodge of this survey ----- .65 "
 Net area of Isle Royale Lodge ----- 18.63 acres.

VULTURE LODGE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
S.47	00 W.	1222.4	833.67	894.01	894.01	745309.32	.....
N.22	20 W.	600.0	554.98	228.00	2016.02	1118850.77	.....
N.47	00 E.	1222.4	833.67	894.01	1350.01	1125442.84	.....
S.22	20 E.	600.0	554.98	228.00	228.00	126535.44	.....
			1061.66	1092.58	1092.58	871844.76	2244293.61
							871844.76
							2)1372448.85
							686224.42
43560)686224.42							
							15.75 acres.

Total and net area of VULTURE LODGE ----- 15.75 acres.

19

BOSTON LODGE- MILL SITE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
S.12 58	W.582.5	.....	567.64	.....	130.70	130.70	74180.54
N.89 38	W.357.6	2.29	.....	.....	357.59	618.99	1417.49
N.12 58	E.661.0	644.14	.....	148.32	.....	828.26	533515.40
S.77 02	E.349.0	.....	78.31	340.10	.....	340.10	26633.23
		646.43	645.95	488.42	488.29		100813.78
							534932.88
							100813.78
43560)							217059.55
							4.983 acres.
							2) 434119.10
							217059.55

Total and net area Boston Mill Site -----4.983 acres.

ELGIN MILL SITE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
S.12 58	W.492.0	.....	479.45	.....	110.4	110.4	52931.23
N.89 38	W.415.0	2.66	.....	.....	414.9	635.7	1690.96
N.12 58	E.582.5	567.64	.....	130.70	.....	919.9	522172.04
S.77 02	E.405.0	.....	90.88	394.67	.....	394.7	35867.61
		570.30	570.33	525.37	525.3		88793.89
							523862.00
							99793.89
43560)							217532.05
							4.994 acres.
							2) 435084.11
							217532.05

Total and net area of Elgin Mill Site -----4.994 acres.

RECORDER MILL SITE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
S.12 58	W.386.09	.....	376.25	.....	86.63	86.63	32594.54
N.89 38	W.485.70	3.11	.....	.....	485.70	658.96	2049.37
N.12 58	E.492.00	479.45	.....	110.40	.....	1034.36	495876.96
		.....	106.36	461.92	.....	461.92	49129.81
S.77 02	E.474.00	.....	106.36	461.92	.....	461.92	49129.81
		482.56	482.61	572.32	572.33		81724.35
							497926.33
							81724.34
43560)							208100.99
							4.775 acres.
							2) 416201.99
							208100.99

Total and net area of Recorder Mill Site -----4.775 acres.

AMERICAN MILL SITE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
S. 12 58	W.229.62	.....	223.76	.....	51.52	51.52	11830.02
N.89 38	W.717.27	4.59	.....	.....	717.25	820.29	3765.13
N.12 58	E.386.09	376.25	.....	86.63	.....	1450.91	545904.89
S.77 02	E.700	.....	157.07	682.16	.....	682.12	107140.59
		380.84	380.84	768.79	768.77		118970.61
							549670.02
							118970.61
43560)							215349.7
							4.946 acres.
							2) 430699.41
							215349.71

OLD DICK MILL SITE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
S.12 58	W.100.00	.....	97.45	.....	22.44	22.44	2186.78
N.89 38	W.595.03	3.81	.....	.....	595.00	639.83	2437.84
N.12 58	E.222.62	223.77	.....	51.52	.....	1183.36	264800.47
S.77 02	E.580.70	.....	130.30	565.90	.....	565.90	73036.77
		227.58	227.75	617.42	617.44		75923.55
							267238.31
							75923.55
							2)191314.76
							95657.38

Total and net area of Old Dick Mill Site -----2.196 acres.

TELEPHONE MILL SITE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
N.77 02	W.1346.1	302.04	.....	.....	1311.8	1311.80	396216.07
N.88 36	E.1304.4	31.86	.....	1304.05	.....	1319.55	42040.86
S. 1 24	E. 334.0	.....	333.90	8.16	.....	8.16	2724.62
		333.90	333.90	1312.21	1311.8		2724.64
							438256.94
							2724.62
							2)435532.31
							217766.15

Total and net area of TELEPHONE MILL SITE -----4.770 acres.

DAN MILL SITE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
N.77 02	W.304.60	68.35	.....	.....	295.48	295.48	20196.06
N. 1 24	W.334.00	333.90	.....	.....	8.11	599.07	200029.47
N.88 36	E.195.60	4.73	.....	196.42	.....	410.56	1962.48
N. 1 24	W.199.70	199.64	.....	.....	4.85	218.99	43719.16
S.49 52	E.129.10	.....	83.21	99.15	.....	124.69	10375.55
S. 1 24	E.523.33	.....	523.17	12.85	.....	12.85	6722.73
		606.67	606.38	308.42	308.44		17098.28
							265907.17
							17098.28
							2)248808.89
							124404.45

Total and net area of Dan Mill Site -----2.856 acres.

WEDGE MILL SITE .

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
N.77 02 W.	858.00	192.52	.....	.....	836.11	836.11	160967.90
					12.79		
N. 1 24 W.	523.33	523.17	.....	.....	127.48	1685.01	881546.68
S.49 52 E.	1110.30	.....	715.69	848.91	.....	848.91	608272.09
		715.69	715.69	848.91	848.91		608272.09
							1042514.58
							608272.09
43560)		217121.25					2)484242.49
		4.987 acres.					217121.25

Total and net area of Wedge Mill Site -----4.987 acres.

HEAVY WEIGHT MILL SITE.

COURSE.	DIST.	N.	S.	E.	W.	DBL.LONG.	DOUBLE AREA.
N.60 00 W.	484	242.0	.....	.....	419.16	419.16	101426.72
N.30 00 E.	450	389.7	.....	225.00	.....	613.32	239010.80
S.60 00 E.	484	.....	242.00	419.16	.....	30.84	7463.28
S.30 00 W.	450	.....	389.70	.....	225.00	225.00	87632.50
		631.7	631.70	644.16	644.16		2)485583.30
							217791.60

43560)217791.6
4.999 acres.

Total and net area of Heavy Weight Mill site ----4.999 acres.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by George J. Roskruege

United States Deputy Mineral Surveyor, to assist in running, measuring, and marking the lines

corners and boundaries described in the foregoing field notes of the survey of the mining claim of the *Helvetia Copper Company, known as the Brunswick, West End, Old Dick, Jolly Ho, Exchange, Leader, Flying Dutchman, Heavy Weight, Back Bone, Copper World, Exchange No. 2, Copper Bend, Owosko, Black Hawk, Chance, Hattie, American, Telephone, Recorder, Silver Spur, Elgin, Wedge, Boston, Water Wish, Black Horse, Grizzly, Future, New Mexico, Light Weight, Buzzard, Telemeter, General, Slide, Dan, Isle Royale, A. O. J., Indian Club, Wisconsin, Little Dave, and Pilot mining claims, and Heavy Weight, Wedge, Dan, Telephone, Old Dick, Recorder, American, Boston and Elgin mill site claims, situate in Helvetia Mining District, Pima County, Arizona, in T. 18 S., R. 15 E., Q. 12 R. M. (unsurveyed)*

and showing the respective capacities in which they acted.

- Oscar H. Cox , Chairman.
- Will J. Finley , Assessor and
Chairman.
Flagman
- , Assessor.
- , Flagman.

FINAL OATHS OF ASSISTANTS.

We, Oscar H. Cox

and Will J. Finley , do solemnly swear that we assisted George J. Roskruege , United States Deputy Mineral Surveyor, in marking the corners and

surveying the boundaries of the mining claim of the *Helvetia Copper Company, known as the Brunswick, West End, Old Dick, Jolly Ho, Exchange, Leader, Flying Dutchman, Heavy Weight, Back Bone, Copper World, Exchange No. 2, Copper Bend, Owosko, Black Horse, Chance, Hattie, American, Telephone, Recorder, Silver Spur, Elgin, Wedge, Boston, Water Wish, Black Horse, Grizzly, Future, New Mexico, Light Weight, Buzzard, Telemeter, General, Slide, Dan, Isle Royale, A. O. J., Indian Club, Wisconsin, Little Dave, and Pilot mining claims, and Heavy Weight, Wedge, Dan, Telephone, Old Dick, Recorder, American, Boston and Elgin mill site claims, situate in Helvetia Mining District, Pima County, Arizona.*

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

- Oscar H. Cox , Chairman.
- , Chairman.
- Will J. Finley , Assessor
and
Flagman.

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

this 2nd day of October, 1899.



..... George J. Roskruege

Notary Public

my Commission expires Feb. 16, 1903.

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, George J. Roskruege, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated July 17th, 1899, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor General, faithfully and correctly executed the survey of the Mining

Claim of the Helvetia Copper Company, known as the Brunswick, West End, Old Dick, Tally Ho, Exchange, Leader, Flying Dutchman, Heavy Weight, Back Bone, Copper World, Exchange No. 2, Copper Bend, Owosko, Black Hawk, Chance, Hattie, American, Telephone, Recorder, Silver Spur, Elgin, Wedger, Boston, Water Wash, Black Horse, Grizzly, Vulture, New Mexico, Light Weight, Buzzard, Selemeter, General, Slide, Dan, Isle Royale, A. O. S., Indian Club, Wisconsin, Little Dave, and Pilot, mining Claims and Heavy Weight, Wedge, Dan, Telephone, Old Dick, Recorder, American, Boston and Elgin millsite Claims situate in Helvetia Mining District,

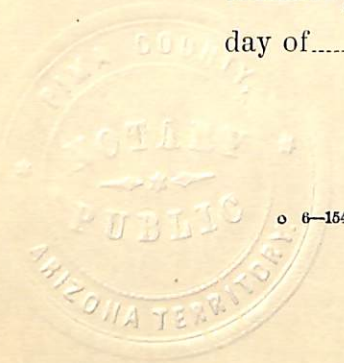
Pima County, Arizona, in Section _____, Township No. 18 S., Range No. 15 E. G. & R. M. (unsurveyed) and designated as Survey No. 1388 A + B, as represented

in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or its grantors are as therein fully stated, and that the character, extent, location and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

George J. Roskruege
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said George J. Roskruege
U. S. Deputy Mineral Surveyor, before me Carlos W. Rice a
Notary Public in and for Pima Co. Ariz. this seventh
day of October, 1899.

Carlos W. Rice
Notary Public
my Commission expires Aug. 23, 1903.



Twenty thousand
Affidavit of ~~Five Hundred~~ Dollars Improvements.

We, W. R. Winton, and O. H. Cox

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the Brunswick, West End, Old Dick, Jolly Ho, Exchange, Leader, Flying Dutchman, Heavy Weight, Backbone, Copper World, Exchange No 2, Copper Bend, Owosko, Black Hawk, Chance, Hattie, American, Telephone, Recorder, Silver Spur, Elgin, Wedge, Boston, Water Wisk, Black Horse, Grizzly, Vulture, New Mexico, Light Weight, Buzzard, Telemeter, General, Slide, San Isle Royale, A. O. J., Indian Club, Wisconsin, Little Dave and Pilot, mining claims, situate in the Helvetia mining District, Pima County, Arizona Territory, for which the Helvetia Copper Company has made application for survey prior to application for patent under the provisions of the Act of Congress, approved May 10, 1872; and that the labor done and improvements made thereon by the applicant and ^{Twenty thousand} its grantors exceed ~~Five Hundred~~ Dollars in value, and further that we are not personally interested in said mine.

W. R. Winton

O. H. Cox

TERRITORY OF ARIZONA, }
County of Pima } ss:

Sworn to and subscribed before me, this seventh
day of October, 1899.

Carroll W. Rice

Notary Public.

my Commission expires Aug. 27, 1903.



NON-MINERAL AFFIDAVIT.

TERRITORY OF ARIZONA,

County of Pima } ss.

W. R. Winton and O. H. Coe — of said County and Territory, being first duly sworn, each for himself and not one for the other, deposes and says; that he is well acquainted with the land of the Heavy Weight mill-site claim, situated in the Helvetia mining District, Gila and Salt River Meridian, in the County of Pima and Territory of Arizona, claimed by the Helvetia Copper Company

applicant for United States patent therefor; that he is well acquainted with the character of said described land included within the boundary lines as officially surveyed by George J. Roskrug United States Deputy Mineral Surveyor, having frequently passed over the same; that his knowledge of such land is such as to enable him to testify understandingly with regard thereto; that there is not to his knowledge, within the limits thereof, any vein or lode of quartz or other rock in place bearing gold, silver, cinnabar, lead, tin or copper, or any deposit of coal; that there is not within the limits of said land, within his knowledge, any placer, cement, gravel or other valuable mineral deposit; that no portion of said land is claimed under the local customs or rules of miners or otherwise; that no portion of said land is worked for minerals during any part of the year by any person or persons; that said land is essentially non-mineral land, and that there is within the boundaries of said claim improvements, to-wit: a Well 20 x 20 ft., 20 feet deep. timbered.

and that he has no interest whatever in said described mill-site claim.

W. R. Winton

O. H. Coe

Subscribed and sworn to before me this 7th day of October A. D. 1899, and I hereby certify that the foregoing affidavit was read to the said W. R. Winton and O. H. Coe

previous to their names being subscribed thereto, and that deponents are reputable persons to whose affidavits full faith and credit should be given.

Charles W. Rice

a notary Public.

my Commission expires Aug. 23, 1903.

NON-MINERAL AFFIDAVIT.

TERRITORY OF ARIZONA,

County of Pima } ss.

W. R. Winton and O. H. Cox - of said County and Territory, being first duly sworn, each for himself and not one for the other, deposes and says; that he is well acquainted with the land of the Wedge mill-site claim, situated in the Helvetia mining District, Gila and Salt River Meridian, in the County of Pima and Territory of Arizona, claimed by the Helvetia Copper Company

applicant for United States patent therefor; that he is well acquainted with the character of said described land included within the boundary lines as officially surveyed by George J. Roskuge - United States Deputy Mineral Surveyor, having frequently passed over the same; that his knowledge of such land is such as to enable him to testify understandingly with regard thereto; that there is not to his knowledge, within the limits thereof, any vein or lode of quartz or other rock in place bearing gold, silver, cinnabar, lead, tin or copper, or any deposit of coal; that there is not within the limits of said land, within his knowledge, any placer, cement, gravel or other valuable mineral deposit; that no portion of said land is claimed under the local customs or rules of miners or otherwise; that no portion of said land is worked for minerals during any part of the year by any person or persons; that said land is essentially non-mineral land, and that there is within the boundaries of said claim improvements, to-wit: an adobe building, with iron roof. 14 x 37 ft used as a clerks office.

and that he has no interest whatever in said described mill-site claim.

W. R. Winton
O. H. Cox

Subscribed and Sworn to before me this 7th day of October A. D. 1899, and I hereby certify that the foregoing affidavit was read to the said W. R. Winton and O. H. Cox previous to their names being subscribed thereto, and that deponents are reputable persons to whose affidavits full faith and credit should be given.

Carlos W. Rice
A Notary Public
my Commission expires Aug: 27, 1903.



NON-MINERAL AFFIDAVIT.

TERRITORY OF ARIZONA,

County of Pima } ss.

W. R. Winton and O. H. Coxe of said County and Territory, being first duly sworn, each for himself and not one for the other, deposes and says; that he is well acquainted with the land of the Dan mill-site claim, situated in the Helvetia mining District, Gila and Salt River Meridian, in the County of Pima and Territory of Arizona, claimed by the Helvetia Copper Company

applicant - for United States patent therefor; that he is well acquainted with the character of said described land included within the boundary lines as officially surveyed by George J. Roskidge United States Deputy Mineral Surveyor, having frequently passed over the same; that his knowledge of such land is such as to enable him to testify understandingly with regard thereto; that there is not to his knowledge, within the limits thereof, any vein or lode of quartz or other rock in place bearing gold, silver, cinnabar, lead, tin or copper, or any deposit of coal; that there is not within the limits of said land, within his knowledge, any placer, cement, gravel or other valuable mineral deposit; that no portion of said land is claimed under the local customs or rules of miners or otherwise; that no portion of said land is worked for minerals during any part of the year by any person or persons; that said land is essentially non-mineral land, and that there is within the boundaries of said claim improvements, to-wit: an adobe house, with iron roof 14 x 48 ft used as a laboratory and an adobe house, with iron roof 14 x 31 ft used as Superintendents office.

and that he has no interest whatever in said described mill-site claim.

W. R. Winton

O. H. Coxe

Subscribed and Sworn to before me this 7th day

of October A. D. 1899, and I hereby certify that

the foregoing affidavit was read to the said W. R. Winton &

O. H. Coxe and

previous to their names being subscribed thereto, and that deponents are reputable persons to whose affidavits full faith and credit should be given.

Carlos M. Rice

Notary Public

My Commission Expires Aug: 23, 1903.



NON-MINERAL AFFIDAVIT.

TERRITORY OF ARIZONA,

County of Pima } ss.

W R Winton and O. H. Cox of said County and Territory, being first duly sworn, each for himself and not one for the other, deposes and says; that he is well acquainted with the land of the Telephone mill-site claim, situated in Helvetia mining District, Gila and Salt River Meridian, in the County of Pima and Territory of Arizona, claimed by the Helvetia Copper Company

applicant for United States patent therefor; that he is well acquainted with the character of said described land included within the boundary lines as officially surveyed by George J. Roskuge United States Deputy Mineral Surveyor, having frequently passed over the same; that his knowledge of such land is such as to enable him to testify understandingly with regard thereto; that there is not to his knowledge, within the limits thereof, any vein or lode of quartz or other rock in place bearing gold, silver, cinnabar, lead, tin or copper, or any deposit of coal; that there is not within the limits of said land, within his knowledge, any placer, cement, gravel or other valuable mineral deposit; that no portion of said land is claimed under the local customs or rules of miners or otherwise; that no portion of said land is worked for minerals during any part of the year by any person or persons; that said land is essentially non-mineral land, and that there is within the boundaries of said claim improvements, to-wit: A Smelter Building

and that he has no interest whatever in said described mill-site claim.

W R Winton
O H Cox

Subscribed and Sworn to before me this Seventh day of October A. D. 1899, and I hereby certify that the foregoing affidavit was read to the said W R Winton and O. H. Cox previous to their names being subscribed thereto, and that deponents are reputable persons to whose affidavits full faith and credit should be given.

Carlos W. Rice
Notary Public
my Commission expires Aug. 23, 1903



NON-MINERAL AFFIDAVIT.

TERRITORY OF ARIZONA,

County of Pima } ss.

W. R. Winton and O. H. Cox of said County and Territory, being first duly sworn, each for himself and not one for the other, deposes and says; that he is well acquainted with the land of the Old Dick mill-site claim, situated in the Helvetia mining District, Gila and Salt River Meridian, in the County of Pima and Territory of Arizona, claimed by the Helvetia Copper Company

applicant for United States patent therefor; that he is well acquainted with the character of said described land included within the boundary lines as officially surveyed by George J. Roskuge United States Deputy Mineral Surveyor, having frequently passed over the same; that his knowledge of such land is such as to enable him to testify understandingly with regard thereto; that there is not to his knowledge, within the limits thereof, any vein or lode of quartz or other rock in place bearing gold, silver, cinnabar, lead, tin or copper, or any deposit of coal; that there is not within the limits of said land, within his knowledge, any placer, cement, gravel or other valuable mineral deposit; that no portion of said land is claimed under the local customs or rules of miners or otherwise; that no portion of said land is worked for minerals during any part of the year by any person or persons; that said land is essentially non-mineral land, and that there is within the boundaries of said claim improvements, to-wit:

and that he has no interest whatever in said described mill-site claim.

W. R. Winton

O. H. Cox

Subscribed and Sworn to before me this seventh day of October A. D. 1899, and I hereby certify that the foregoing affidavit was read to the said W. R. Winton and O. H. Cox previous to their names being subscribed thereto, and that deponents are reputable persons to whose affidavits full faith and credit should be given.

Carroll W. Rice

A Notary Public

My Commission expires Aug 23, 1903.



NON-MINERAL AFFIDAVIT.

TERRITORY OF ARIZONA,

County of Pima } ss.

W R. Winton and O. H. Cox of said County and Territory, being first duly sworn, each for himself and not one for the other, deposes and says; that he is well acquainted with the land of the Recorder mill-site claim, situated in the Helvetia Mining District, Gila and Salt River Meridian, in the County of Pima and Territory of Arizona, claimed by the Helvetia Copper Company

applicant for United States patent therefor; that he is well acquainted with the character of said described land included within the boundary lines as officially surveyed by George J. Roskudge United States Deputy Mineral Surveyor, having frequently passed over the same; that his knowledge of such land is such as to enable him to testify understandingly with regard thereto; that there is not to his knowledge, within the limits thereof, any vein or lode of quartz or other rock in place bearing gold, silver, cinnabar, lead, tin or copper, or any deposit of coal; that there is not within the limits of said land, within his knowledge, any placer, cement, gravel or other valuable mineral deposit; that no portion of said land is claimed under the local customs or rules of miners or otherwise; that no portion of said land is worked for minerals during any part of the year by any person or persons; that said land is essentially non-mineral land, and that there is within the boundaries of said claim improvements, to-wit:

and that he has no interest whatever in said described mill-site claim.

W.R. Winton

O.H. Cox

Subscribed and Sworn to before me this 7th day of October A. D. 1899, and I hereby certify that the foregoing affidavit was read to the said W.R. Winton and O. H. Cox previous to their names being subscribed thereto, and that deponents are reputable persons to whose affidavits full faith and credit should be given.

Carlos W. Rice

A Notary Public

my Commission expires Aug. 23. 1903.

NON-MINERAL AFFIDAVIT.

TERRITORY OF ARIZONA,

County of Pima } ss.

W. R. Winton and O. H. Cox of said County and Territory, being first duly sworn, each for himself and not one for the other, deposes and says; that he is well acquainted with the land of the American mill-site claim, situated in the Helvetia mining District, Gila and Salt River Meridian, in the County of Pima and Territory of Arizona, claimed by the Helvetia Copper Company

applicant for United States patent therefor; that he is well acquainted with the character of said described land included within the boundary lines as officially surveyed by George J. Roskruge United States Deputy Mineral Surveyor, having frequently passed over the same; that his knowledge of such land is such as to enable him to testify understandingly with regard thereto; that there is not to his knowledge, within the limits thereof, any vein or lode of quartz or other rock in place bearing gold, silver, cinnabar, lead, tin or copper, or any deposit of coal; that there is not within the limits of said land, within his knowledge, any placer, cement, gravel or other valuable mineral deposit; that no portion of said land is claimed under the local customs or rules of miners or otherwise; that no portion of said land is worked for minerals during any part of the year by any person or persons; that said land is essentially non-mineral land, and that there is within the boundaries of said claim improvements, to-wit: An adobe House with Iron roof. North Wing 14 x 64 ft. South Wing 14 x 54 ft. occupied as Residence and office, by resident Engineer of the Helvetia Copper Company. An adobe House with Iron roof. North Wing 14 x 62 ft. West Wing 14 x 36 ft. and that he has no interest whatever in said described mill-site claim.

W. R. WintonO. H. Cox

Subscribed and Sworn to before me this 7th day of October A. D. 1899, and I hereby certify that the foregoing affidavit was read to the said W. R. Winton and O. H. Cox previous to their names being subscribed thereto, and that deponents are reputable persons to whose affidavits full faith and credit should be given.

Carver W. Rice

a Notary Public

my Commission expires Aug: 23, 1903.

NON-MINERAL AFFIDAVIT.

TERRITORY OF ARIZONA,

County of Pima } ss.

W.R. Winton and O. H. Coe of said County and Territory, being first duly sworn, each for himself and not one for the other, deposes and says; that he is well acquainted with the land of the Boston mill-site claim, situated in the Helvetia Mining District, Gila and Salt River Meridian, in the County of Pima and Territory of Arizona, claimed by the Helvetia Copper Company

applicant for United States patent therefor; that he is well acquainted with the character of said described land included within the boundary lines as officially surveyed by George J. Roskuge United States Deputy Mineral Surveyor, having frequently passed over the same; that his knowledge of such land is such as to enable him to testify understandingly with regard thereto; that there is not to his knowledge, within the limits thereof, any vein or lode of quartz or other rock in place bearing gold, silver, cinnabar, lead, tin or copper, or any deposit of coal; that there is not within the limits of said land, within his knowledge, any placer, cement, gravel or other valuable mineral deposit; that no portion of said land is claimed under the local customs or rules of miners or otherwise; that no portion of said land is worked for minerals during any part of the year by any person or persons; that said land is essentially non-mineral land, and that there is within the boundaries of said claim improvements, to-wit:

and that he has no interest whatever in said described mill-site claim.

W.R. Winton
O.H. Coe

Subscribed and Sworn to before me this seventh day of October A. D. 1899, and I hereby certify that the foregoing affidavit was read to the said W.R. Winton and O. H. Coe previous to their names being subscribed thereto, and that deponents are reputable persons to whose affidavits full faith and credit should be given.



Carlos W. Rice
Notary Public

my Commission expires Aug. 23, 1903.

NON-MINERAL AFFIDAVIT.

143

TERRITORY OF ARIZONA,

County of Pima } ss.

W. R. Winton and O. H. Coxe of said County and Territory, being first duly sworn, each for himself and not one for the other, deposes and says; that he is well acquainted with the land of the Elgon mill-site claim, situated in the Helvetia mining District, Gila and Salt River Meridian, in the County of Pima and Territory of Arizona, claimed by the Helvetia Copper Company

applicant for United States patent therefor; that he is well acquainted with the character of said described land included within the boundary lines as officially surveyed by George J. Roskrige United States Deputy Mineral Surveyor, having frequently passed over the same; that his knowledge of such land is such as to enable him to testify understandingly with regard thereto; that there is not to his knowledge, within the limits thereof, any vein or lode of quartz or other rock in place bearing gold, silver, cinnabar, lead, tin or copper, or any deposit of coal; that there is not within the limits of said land, within his knowledge, any placer, cement, gravel or other valuable mineral deposit; that no portion of said land is claimed under the local customs or rules of miners or otherwise; that no portion of said land is worked for minerals during any part of the year by any person or persons; that said land is essentially non-mineral land, and that there is within the boundaries of said claim improvements, to-wit:

and that he has no interest whatever in said described mill-site claim.

W. R. Winton

O. H. Coxe

Subscribed and Sworn to before me this seventh day of October A. D. 1899, and I hereby certify that the foregoing affidavit was read to the said W. R. Winton and O. H. Coxe previous to their names being subscribed thereto, and that deponents are reputable persons to whose affidavits full faith and credit should be given.

Carlos M. Rice

Notary Public.

my Commission expires Aug. 23. 1903

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 claims 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 said lead, lode or vein, situate in the Helvetia 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 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 the 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 situated on the western slope of the Santa Rita Mountains about ^{mile} 1/2_^ westerly of the Omega Mine and shall be known as the Old Dick Mine. Located this 1st. day of January 1893.

Locator

Witness,

Ed C. Hughes.

T.H.Lavery.

(Endorsed) "Old Dick Mine.

Territory of Arizona,)
) SS.
 County of Pima)

I do hereby certify that the within instrument was filed and recorded at the request of Ed C. Hughes January 9 A.D. 1893 at 9 a.m. in Book D.D. Record of Mines at page 27 Record of Mines.

Witness my hand and official seal the day and year aforesaid.

Chas. A. Shibell,

County Recorder."

Territory of Arizona,)
) SS.
 Pima County,)

I do hereby certify that the annexed is a true copy of the original.

Chas. A. Shibell.

Tally Ho Mine.

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 claims 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 Helvetia 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 situated on the western slope of the Santa Rita Mountains and adjoins the Omega Mine on the north east corner of Omega and shall be known as the Tally Ho Mine. Located this 1st day of January 1893.

Witness,

Locator:-

T.H.Lavery.

Ed C. Hughes.

(Endorsed) "Tally Ho Mine.

Terry of Arizona,)
)ss.
 County of Pima.)

I hereby certify that the within instrument was filed and recorded at the request of Ed. C. Hughes January 9 A.D. 1893 at 9a.m. in Book D.D. Record of Mines at page 22.

Witness my hand and official seal the day and year aforesaid.

Chas A. Shibell,

(Seal)

County Recorder."

Territory of Arizona,)

) SS.

(10 cent Int
Rev Stamp)

146

Pima County.)

(Seal)

I do hereby certify that the annexed is a true copy of the

original.

Chas. A. Shibell

Tucson, Ariz.

County Recorder.

July 7/99.

EXCHANGE MINE.

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 claims 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 Helvetia 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 situated on the western slope of the Santa Rita Mountains about 1 mile southerly of the Omega Smelter and about 1/2 mile northerly from the Omega Mine, and shall be known as the Exchange Mine. Located this 1st day of January 1893.

Witness

Locater

T. H. Lavery.

Ed C. Hughes.

(Endorsed) "Exchange Mine.

Territory of Arizona,)

) SS.

County of Pima.)

I hereby certify that the within instrument was filed and redorded at the request of Ed C. Hughes Jany 9 A.D.1893, at 9 a.m. in Book D.D.Record of Mines at page 29.

Chas. A. Shibell,

County Recorder. "

LEADER MINE.

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 claims 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 Helvetia Mining District, County of Pima, Arizona, and more particularly described as follows, to wit: From center 750 feet southerly 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 the 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 situated on the south corner of the Omega Mine, and shall be known as the Leader Mine. Located this 1st/ day of January 9-1893.

Witness.

Locator.

T.H.Lavery.

Ed C. Hughes.

(Endorsed) "Leader Mine.

Territory of Arizona,))SS.
County of Pima.

I hereby certify that the within instrument was filed and recorded at the request of Ed C. Hughes January 9 A.D.1893 at 9 a.m. in Book D.D. Record of Mines at page 31.

Witness my hand and official seal the day and year aforesaid.

Chas. A. Shibell.

County Recorder."

FLYING DUTCHMAN MINE.

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 claims 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 Helvetia 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 the 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 situated on the western slope of the Santa Rita Mountains about 1 mile southerly from the Omega smelter and 1/2 mile northerly from Omega Mine, and shall be known as the Flying Dutchman Mine. Located this 1st day of January 1893

Witness,

Locator,

T.H.Lavery.

Ed C.Hughes.

(Endorsed) "Flying Dutchman.Mine."

Territory of Arizona,)
) SS.
)
 County of Pima.)

I hereby certify that the within instrument was filed and recorded at the request of Ed C. Hughes, January 9 A.D.1893 at 9 a.m. in Book D.D.Record of Mines at page 23.

Witness my hand and official seal the day and year aforesaid,

Chas. A. Shibell,

County Recorder. "

Territory of Arizona,)

) SS.

Pima County.)

152

I do hereby certify that the annexed is a true copy of the
original.

Tucson, A.T.

Chas. A. Shibell.

July 7/99.

County Recorder.

Seal

10 cents
Int-Rev
Stamp

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 claims 1500 hundred linear feet along the course of this lead, lode or vein of mineral bearing quartz, & 300 feet in width on each side of the middle of said lead, lode or vein, situate in the Helvetia Mining District, County of Pima, Arizona, and more particularly described as follows, to wit: Commencing at this monument of stones. From center 750 feet south to end 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 situated on the western slope of the Santa Rita Mountains and about 1/2 mile north of the Omega Mine and shall be known as the Heavy Weight Mine. Located this 1st day of January 1893.

Witness,

Locator,

T. H. Lavery.

Ed C. Hughes.

(Endorsed) "Heavy Weight Mine.

Territory of Arizona,)
) SS.
 County of Pima.)

I hereby certify that the within instrument was filed and recorded at the request of Ed C. Hughes January 9 A.D. 1893 at 9 a.m. in Book D.D. Record of Mines at page 32.

Witness my hand and official seal the day and year aforesaid.

Chas. A. Shibell,

County Recorder.

Territory of Arizona,)

) SS.

Pima County.)

154

I do hereby certify that the annexed is a true copy of the original.

Chas. A. Shibell.

Tucson, A.T.

County Recorder.

July 7/99.

*10 cents
Int. Rev
Stamp*

Seal

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

(Seal.) 156

I do hereby certify that the annexed is a true copy
of the original.

Tucson, Ariz.

Chas. A. Shibell.

(10 cent
stamp.)

July 7/99.

County Recorder.

Copper World Mine.

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 claims 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 Helvetia 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 to a monument of stones being the center of northerly end of claim; thence westerly 300 feet to a monument of stones; southerly 1500 feet to a monument of stones; thence easterly 300 feet to place of beginning. This claim is situated on the western slope of the Santa Rita Mountains about 1/4 mile northerly of the Omega Mine and shall be known as the Copper World Mine. Located this 1st day of January 1893

Witness, Locator- Ed C. Hughes.

T.H. Lavery

(Endorsed.) "Copper World Mine.

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

I hereby certify that the within instrument was filed and recorded at the request of Ed C. Hughes January 9 A.D. 1893 at 9 a.m. in Book D.D Record of Mines at page 21.

Witness my hand and official seal the day and year aforesaid.
 Chas A. Shibell,
 County Recorder."

West End Mine.

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 claims 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 Helvetia 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 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 situated on the western slope of the Santa Rita Mountains, about 1/2 mile westerly from the Omega Mine and shall be known as the West End Mine.

Located this 1st day of January 1893.

Witness.

Locator.

T. H. Lavery.

Ed C. Hughes.

(Endorsed) "West End Mine.

Territory of Arizona,)
) SS.
 County of Pima.)

I hereby certify that the within instrument was filed and recorded at the request of Ed C. Hughes January 9 A. D. 1893 in Book D. D. Record Mines at page 24. Witness my hand and official seal the day and year aforesaid.

Chas. A. Shibell,
 County Recorder.

Exchange No. 2 Mine.

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 claims 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 Helvetia 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; being the center of the 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 situated on the western slope of the Santa Rita Mountains about 1 mile southerly from the Omega smelter. and about 1/2 mile northerly from the Omega Mine, and shall be known as the Exchange No. 2 Mine. Located this 1st day of January, 1893.

Witness:

Locator.

Ed C. Hughes.

T. H. Lavery.

(Endorsed) "Exchange No. 2" Mine.

Territory of Arizona,)

) ss.

County of Pima.)

I hereby certify that the within instrument was filed and recorded at the request of Ed C. Hughes January 9 A.D. 1893 at 9 a.m. at page 19.

Witness my hand and official seal the day and year aforesaid.

Chas. A. Shibell,

County Recorder. "

)
Territory of Arizona,)

Tucson, Arizona.

163

)ss.
)
Pima County.)

July 7, 1899

I do hereby certify that the annexed is a true copy of the
original.

L

Chas. A. Shibell

(Seal.)

County Recorder.

)
10 cent (
rev. stamp.

Copper Fend Mine.

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 Helvetia 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 north 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 the 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 situated on the eastern slope of the Santa Rita Mountains and shall be known as the Copper Fend Mine. Located November 12, 1894.

Ed C. Hughes.

(Endorsed) "Copper Fend Mine.

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

I hereby certify that the within instrument was filed and recorded at the request of Ed. C. Hughes, Novr. 12 A.D. 1894 at 3 p.m. in Book E.E. Record of Mines.

Witness my hand and official seal the day and year aforesaid.

Chas. A. Shibell,
 County Recorder."

Exchange No. 2

Territory of Arizona)

County of Pima) ss.

I hereby certify that the
within instrument was filed and
recorded at the request of

J. B. Seager

June 23 A. D. 1899

at 4-30 P. M.

In Book GG Rec Mines

at Page 354 and 355.

Witness my hand and Official
Seal the day and year afore
said,

Chas. A. Shibell

County Recorder -: Seal :-

LOCATION NOTICE. Notice is hereby given that I have this day located and claim 1500 linear feet along the course of this lode or vein of mineral bearing quartz and 300 feet in width on each side thereof Commencing at this monument of stones being the center of claim in which this notice is posted, thence westerly 750 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 a monument of stones being the center of the easterly end of claim; thence southerly 300 feet to a monument of stones; thence westerly 1500 feet to a monument of stones; thence northerly 300 feet to the place of beginning. This claim is situated in the Santa Rita Mts. on the western slope joins the Newman Mine on the north side and about 1/2 mile south of the Omega smelter and shall be known as the Black Hawk Mine. Located June 10, 1895 by

C.J. Lavery, Locator.

(Endorsed) "Black Hawk Mine.

Territory of Arizona,)

)SS.

)

County of Pima.)

I hereby certify that the within instrument was filed and recorded at the request of C. J. Lavery August 10 A.D. 1895 at 9 a.M. in Book F.F. Record of Mines at page 128.

Witness my hand and official seal the day and year aforesaid.

Chas. A. Shibell,

County Recorder."

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

168

I do hereby certify that the annexed is a true copy of the
original.

Chas. A. Shibell

Tucson, At. July 7/99.

County Recorder.

(Seal.)

(10 cent Rev)
(Stamp.)
()

169

Territory of Arizona,)

) SS.

Pima County.)

Tucson, Ariz.

July 7, 1899

I do hereby certify that the annexed is a true copy of the original.

Chas. A. Shibell

(10 cent Rev. Stamp.)

County Recorder.

(Seal)

(Copy.)

Notice of location.
Quartz Claim.

To all whom it may concern:

This Mining Claim, the name of which is the CHANCE 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 Charles J. Lavery, the undersigned, on the 22 day of October, 1895.

The length of the Claim is fifteen hundred feet and I claim three hundred feet (in a) on each side of the discovery shaft, at which this notice is posted, lengthwise of the claim. The General course of the lode deposit and premises is from the east to the west.

The claim is situated and located in the Helvetia Mining District, in Pima County, in the Territory of Arizona, about 1/2 mile in a southerly direction from the old Omega Smelter and joins the Black Hawk mine on the north side.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a point in a westerly direction 750 feet from the discovery shaft, (at which this notice is posted,) being at the center of the westerly end line, of said claim, thence 300 feet to a monument of stones being the northwest corner of said claim; thence 750 feet east to a monument of stones, at the center of the north side line of said claim; thence 750 feet east to a monument of stones, being the northeast corner of said claim; thence South 300 feet to a monument of stones at the center of the east end of said claim; thence south 300 feet to a monument of stones being at the southeast corner of said claim; thence west 750 feet to a monument of stones being at the center of the south side line of said claim; thence 750 feet west to a monument of stones at the north west corner of said claim; thence 300 feet north to the place of beginning.

All done under the provisions of Chapter Six of Title XXXII, of the Revised Statutes of the United States, and of an act of the General Assembly of Arizona, entitled "An Act concerning Mines" approved March 20, 1895.

Dated and posted on the ground this 22 day of October 1895.

Chas J. Lavery.

(Endorsed)

Chance Mine

Territory of Arizona)
vs) SS)
County of Pima.)

I hereby certify that the within instrument was filed and recorded at the request of T.H. Lavery Jan'y 17" A.D. 1896 at 11:30 a.m. in Book F.F. Records of Mines at page 145.

Witness my hand and official seal the day and year aforesaid.

Chas, A. Shibell.
County Recorder!

(seal)

Territory of Arizona,)
Pima County.) ss.

I hereby certify that the annexed is a true copy of the original

Chas, A Shibell.
County Recorder.
(seal)

Tucson, A.T.
July 7/99.

10 cent)
Int Rev)
Stamp.)

Copy.

HATTIE MINING CLAIM.
Notice of Location.
Quartz Claim.

To All whom it may concern:

This Mining Claim, the name of which is the Hattie 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 Walter M. Davis and John V. Weigle, the undersigned, on the second day of January 1896.

The length of the claim is fifteen hundred feet and we claim 1400 feet N.W. and 100 ft S.E. on each side of the discovery shaft, at which this notice is posted, lengthwise of the claim. The General course of the lode deposit and premises is from the South East to the North West.

This claim is situated and located in the Helvetia Mining District, in Pima County, in the Territory of Arizona, about 3/4 of a mile in a Northwesterly direction from the U.S. Mineral Monument No. 1 and adjoining the Mine known as the Mohawk on the North west end of said claim Mohawk.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone being the center and end monument of the said Hattie mine, at a point in a southeasterly direction one hundred feet from the discovery shaft, (at which this notice is posted,) being in the center of the South east end lines, of said claim; thence North easterly 300 feet to a monument of stone being the Southeast corner of said claim; thence N.W. 750 feet to a monument of stone at the center of the Northeast side line of said claim; thence Northwest 750 feet to a monument of stones being at the Northeast corner of said claim; thence Westerly 300 feet to a monument of stone being at the center of the Northwest end of said claim; Westerly 300 feet to a monument of stone, being at the S.W. corner of said claim; thence Southeast 750 feet to a monument of stone being at the center of the Southwest side line of said claim; thence Southeast 750 feet to a monument at the Southwest corner of said claim; thence North westerly 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 20, 1895.

Dated and posted on the ground this 2 day of January 1896.

Walter M. Davis.
John V. Weigle.

Witness,
John Edwards,

Endorsed, Hattie Mining Claim,
Territory of Arizona.
County of Pima.) S.S.)

I hereby certify that the within instrument was filed and recorded at the request of Walter M. Davis. March 16 A.D. 1896 at 10 A.M. in book F.F. Record of Mines at page 204, Witness my hand and official seal the day and year aforesaid

Chas, A. Shibell.
County Recorder.

(seal)

Tucson, Ariz.
July 5, 1899.

Territory of Arizona.
Pima County.) s s .

I do hereby certify that the annexed is a true copy of the original.

Chas, A. Shibell.
County Recorder.
(seal)

10 cent)
Int rev)
Stamp.)

HATTIE.

Territory of Arizona)
County of Pima.) ss.

I hereby certify that the
within instrument was filed and
recorded at the request of

J. B. Seager

at June 23, A. D. 1899.

at 4 -30 P. M.

in Book G G. Rec. Mines

at page 357.

Witness my hand and official
seal the day and year aforesaid.

Chas. A. Shibell
County Recorder.

(Seal)

American Claim.

LOCATION NOTICE. Notice is hereby given that the undersigned, in compliance with the requirements of the mining act of Congress, approved May 10, 1872, I this day located and claim 1500 hundred linear feet along the course of this lead, lode or vein of mineral bearing quartz, 300 feet in width on each side of the middle of said lead, lode or vein, situate in the Helvetia Mining District, County of Pima, Arizona, and more particularly described as follows to wit : Commencing at this monument of stones, being the centre of the east end of claim, and upon which this notice is posted: thence north 300 feet to a monument of stones; thence west 1500 feet to a monument of stones; thence south 300 feet to a monument of stones; being the center of the west end of claim; thence south 300 feet to a monument of stones; thence east 1500 feet to a monument of stones; thence north 300 feet to place of beginning. This claim is situated about 1/4 mile in a westerly direction from the patented Omega mine and lays between the claim known as the Heavy Weight and the Old Dick, and shall be known as the American Mine. Located March 28th 1896.

Ed Hughes.

(Endorsed) "American Mine.

Territory of Arizona,)
) SS.
 County of Pima.)

I hereby certify that the within instrument was filed and recorded at the request of Ed Hughes April 28 A.D. 1896 at 9 a.m. in Book E.E. Record of Mines at page 600.

Witness my hand and official seal the day and year aforesaid.

Chas. A. Shibell,
 County Recorder."

Territory of Arizona,)
 Pima County) SS.

I do hereby certify that the annexed is a true copy of the original.

10 cents
 Int. Rev.
 Stamp

Tucson, A.T.
 July 7/99.

Chas. A. Shibell.
 County Recorder. (Seal)

(Copy)

175

TELEPHONE MINING CLAIM.

Notice of Mining Location. To All Whom it May Concern:

This mining claim the name of which is the Telephone Mining Claim situated on mineral lands belonging to the United States of America was entered upon and located for the purpose of exploration and purchase by Charles J. Lavery the undersigned on the 22d day of December 1896. the length of the claim fifteen hundred feet, and I claim three hundred feet ^{on each side} thair off. The surface boundaries are as follows. Beginning at a point in a westerly direction about 1000 feet from the discovery shaft at which this notice is posted being the center of the westerly end lines of claim thence 300 feet to a monument of stones being the north west corner of claim thence 750 feet east to a monument being the north side line of claim thence 750 feet east to a monument of stones being the north east corner of said claim thence south 300 feet to a monument of stones at the center of the easterly end of claim thence south 300 feet to a monument of stones being at the south east corner of said claim thence 750 feet to a monument of stones at the center of the south side line of said claim thence 750 feet to a monument of stones at the north west corner of said claim thence 300 feet north to place of beginning. This claim is situated in the Helvetia Mining District in Pima County Territory of Arizona about one mile south of the Omega Smelter and joins Mohawk Mine West End. Dated and posted on the ground this 22d day of December 1896.

Witness

C. J. Lavery.

T. D. Byone.

Locator.

(Endorsed) "Telephone Mining Claim. Territory of Arizona, County of Pima SS. I hereby certify that the within instrument was filed and recorded at the request of C. J. Lavery, April 6th A.D. 1897 at 3 p.m. in Book F.F. Records of Mines page 481 (over)

176

Territory of Arizona,)
Pima County.) ss.

Tucson, Ariz.

July 5, 1899.

I do hereby certify that the annexed is a true copy of the original.

Chas. A. Shibell.

(10 cent revenue stamp.)

County Recorder.

TELEPHONE

Territory of Arizona)
County of Pima) ss.

I hereby certify that the
within instrument was filed and
recorded at the request of

J.B. Seager

June 23 A.D. 1899

at 4-30 P.M.

In Book 66 Rec Mines

at Page 359.

Witness my hand and Official
Seal the day and year aforesaid,

Chas. A. Shibell,

County Recorder.

--:Seal:--

22

172

Recorder Mining Claim.

Notice of Location.

Quartz Claim.

To All Whom it May Concern;

This Mining Claim, the name of which is the Recorder 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 Alex McKay Cas T Connell and R. F. Miller the undersigned, on the 11th day of August 1897.

The length of the claim is 1500 feet, and we claim 600 feet wide at easterly end and 1 ft wide at westerly end on each side of the discovery shaft at which this notice is posted, lengthwise of the claim. The general course of the lode deposit and premises is from the East to the West

The claim is situated and located in Helvetia Mining District, in Pima County, in the Territory of Arizona, parallel on the north of the Mowhawk Mine direction from

The Surface boundaries of the claim are marked on the ground as follows:

Beginning at a monument at a point in a easterly direction about 250 feet from the discovery shaft, (at which this notice is posted,) being in the center of the easterly end lines, of said claim; thence southerly 300 feet to a monument being the S.E. corner of said claim; thence westerly 750 feet to a monument at the center of the southerly side line of said claim; thence westerly 750 feet to a monument being at the S. W. corner and westerly center end of said claim; corner of said claim; easterly 750 feet to a monument being at the center of the northerly side line of said claim; thence easterly 750 feet to a monument at the N.E. 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 20, 1895.

Dated and posted on the ground this 11 day of August 1897.

Shape of claim



Alex McKay Locator

Chas T. Connell Locator

R T Miller Locator

(Endorsed) "Recorder Mining Claim

"Territory of Arizona)) ss.
County of Pima)

I hereby certify that the within instrument was filed and recorded at the request of C T Connell Nov. 6 A D 1897 at 3 P.M. in Book F F Record of Mines at page 629.

Witness my hand and official seal the day and year aforesaid.

Chas. A. Shibell

County Recorder."

Territory of Arizona)) ss.
Pima County.)

I do hereby certify that the annexed is a true copy of the original.

Chas. A. Shibell.

Tucson, A.T.

County Recorder.

July 7/99.

(10 cent Int. Rev Stamp) (Seal)

Silver Spur Mining Claim.

NOTICE OF LOCATION. 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 claims 1500 ^{hundred} linear feet along the course of this lead, lode or vein of mineral bearing quartz and three hundred (300) ^{in width} feet on each side of the middle of said lead, lode or vein. Situate in the Helvetia Mining District, County of Pima, Arizona and more particularly described as follows, to wit: Commencing at this monument of stones being the centre of the 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 centre of the 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 the place of beginning. This claim is situate in the Santa Rita mountains about two hundred (200) yards from the Mohawk Mine and shall be known as the Silver Spur mine.

Located August 16th, 1897.

Witness, Ed C. Hughes.
P. W. McGovern.

(Endorsed) "Silver Spur Mining Claim.
Territory of Arizona,)
) SS.
County of Pima)

I hereby certify that the within instrument was filed and recorded at the request of Ed C. Hughes Aug. 23, A. D. 1897 at 2 P.M. in Book F.F. Record of Mines, at page 579. Witness my hand and official seal the day and year aforesaid.

Chas. A. Shibell,
County Recorder.

Notice of Location.

Quartz Claim.

To All Whom it May Concern:

This Mining Claim, the name of which is the Elgin 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 purchases by Charles Lavery, P. McGovern the undersigned, on the 11th day of October 1897.

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, length wise of the 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 Helvetia Mining District, in Pima County, in the Territory of Arizona, about 3/4 of a mile in a southerly direction from the U.S. Mineral Monument and is a parallel claim to the Hattie Mine.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at discovery shaft, (at which this notice is posted,) being in the center of the end lines, of said claim; thence 300 feet to a monument of stone being the S.W. corner of said claim; thence 750 feet to a monument of stones at the center of the west side line of said claim; thence 750 ^{ket} to a monument of stones being at the N west corner of said claim; thence 300 feet to a monument of stones being the center of the northerly end of said claim; thence 300 feet to a monument of stones being at the N east corner of said claim; thence 750 feet to a monument of stones being at the center of the east side line of said claim; thence 750 feet to a monument of stones at the south east corner of said claim; thence 300 feet to the place of beginning.

All done under the provisions of Chapter Six of Title XXXII, of the Revised Statutes of the United States, and of an act of the General Assembly of Arizona, entitled "An Act Concerning Mines," approved March 20, 1895. Dated and posted on the ground this 11 day of October 1897.

C.S. Lavery Locator
P. McGovern, Locator.

(seal)

(endorsed) "Elgin Mining Claim.

Territory of Arizona)

County of Pima.) ss.

I hereby certify that the within instrument was filed and recorded at the request of C.J. Lavery Feby 1st, A.D. 1898 at 10 a.m. in book F.F. Record of Mines. at page 670.

Witness my hand and official seal the day and year aforesaid.

Chas. A. Schibell,
County Recorder

Territory of Arizona,)

Tucson, Arizona.

) ss.

July 7, 1899

Pima County.)

I do hereby certify that the annexed is a true copy of the original.

Chas. A. Shibell

(seal) (10 cent Int
Rev stamp)

County Recorder.

Amended location Certificate.

Territory of Arizona,)
) S.S.
 County of Pima.)

Know all men by these presents, that I, James B. Seager, the undersigned have this 19th. day of June 1899, amended, located and claimed, and by these presents do amend, locate and claim, by right of discovery and amended location, in compliance with the Mining Acts of Congress, approved May 10th. 1872, and all subsequent Acts, and with the provisions of an Act of the General Assembly of Arizona, entitled "An Act concerning Mines", approved March 20th. 1895 and with the local customs, laws and regulations, 1500 linear feet and horizontal measurement on the Elgin lode, vein, ledge or deposit along the vein thereof, with all its dips, angles and variations as allowed by law, together with 300 feet on each side of the middle of said vein at the surface, so far as can be determined from present developments, and all veins, lodes, ledges or deposits and surface ground within the lines of said claim, 1485 feet running North Westerly from center of discovery shaft and 15 feet running South Easterly from center of discovery point, said discovery point being situate upon said lode, vein, ledge or deposit, and within the lines of said claim, in Helvetia Mining District, County of Pima and Territory of Arizona, described by metes and bounds as follows to wit:-

Beginning at a monument of stones at a point in a South Easterly direction 15 feet from the discovery shaft (at which this notice is posted) being the center of the South Easterly end line of said claim, from which the United States Mineral Monument No. 1, Helvetia Mining District, bears S. 76° 15' E. 6580 feet distant, thence South Westerly 300 feet to a monument of stones at the South Easterly corner of said claim, thence North Westerly 750 feet to a monument of stones being at the center of the South Westerly side line of said claim, thence thence North Westerly 750 feet to a monument of stones at the South Westerly corner of claim, thence North Easterly 300 feet to a monument of stones being the center of the North Westerly end line of said claim, thence North Easterly 300 feet to a monument of stones at the North Westerly corner of claim, thence South Easterly 750 feet to a monument of stones at the center of the North Easterly side line of claim, thence South Easterly 750 feet to a monument of stones at the North Easterly corner of claim, thence South Westerly 300 feet to the place of beginning.

This claim is bounded Northerly by the "General" Easterly by the "Dan" and "Telephone" Southerly by the "Waltham" and Westerly by the "Newman" and "Monitor" Lode Mining Claims, and is the same lode originally located on the 11th. day of October 1897 by C. J. Lavery and P. McGovern, and recorded on the 1st. day of February 1898, in Book F. F. Record of Mines at page 670 in the office of the Recorder of Pima County.

This further and amended certificate of location is made without any waiver to any previously acquired rights, but for the purpose of correcting any errors in the original location, description or record.

James B. Seager.

Wedge Mining Claim.

Copy.

Notice of Location.
Quartz Claim.

To All Whom it May Concern:

This Mining Claim, the name of which is the Wedge 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 purchaes by Chas Lavery, P McGovern the undersigned, on the 12 day of October 1897.

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, deposit and premises is from the northerly to the southerly

The claim is situated and located in Helvetia Mining District, in Pima County, in the Territory of Arizona, about 3/4 mile in a southerly direction from U.S.Mineral Monument and is a parallel claim to the Mohawk Mine W side

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a point in a northerly direction 750 feet from the discovery shaft,(at which this notice is posted,) being in the center of the north end lines,of said claim; thence 300 feet to a monument of stones being the northwest corner of said claim; thence 750 feet to a monument of stones at the center of the side line of said claim; thence 750 feet to a monument of stones being at the corner of said claim; thence 300 feet to a monument of stones being the center of the southerly end of said claim; thence 300 feet to a monument of stones being the Southeast corner of said claim; thence 750 feet to a monument of stones being at the center of the east side line of said claim; thence 750 feet to a monument of stones at the N east corner of said claim; thence 300 feet to the place of beginning.

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

Dated and posted on the ground this 12 day of October 1897.

C J Lavery Locator
P. McGovern Locator

(Seal)

(Endorsed) "Wedge Mining Claim.

Territory of Arizona)
County of Pima) ss.

I hereby certify that the within instrument was filed and recorded at the request of C J Lavery Feb 1A D 1898 at 10 a.m. in Book FF Record of Mines at page 671

Witness my hand, and official seal the day and year aforesaid.

Chas A. Shibell
County Recorder."

Territory of Arizona,)
Pima County.) ss.

Tucson, Ariz.
July 5, 1899

I do hereby certify that the annexed is a true copy of the original.

(10 cent Rev
Stamp.)

(Seal)

Chas. A. Shibell
County Recorder.

Territory of Arizona,)
) S.S.
 County of Pima.)

Know all men by these presents, that I, James B. Seager, the undersigned has on this 19th. day of June 1899, amended, located and claimed, and by these presents do amend, locate and claim, by right of discovery and amended location, in compliance with the Mining Acts of Congress, approved May 10th. 1872, and all subsequent Acts, and with the provisions of an Act of the General Assembly of Arizona, entitled "An Act concerning Mines", approved March 20th. 1895 and with the local customs, laws and regulations, 1500 linear feet and horizontal measurement on the Wedge lode, vein, ledge or deposit along the vein thereof, with all its dips, angles and variations as allowed by law, together with 300 feet on each side of the middle of said vein at the surface, so far as can be determined from present developments, and all veins, lodes, ledges or deposits and surface ground within the lines of said claim, 750 feet running North Westerly from center of discovery shaft and 750 feet running South Easterly from center of discovery point, said discovery point being situate upon said lode, vein, ledge or deposit, and within the lines of said claim, in Helvetia Mining District, County of Pima & Territory of Arizona, described by metes and bounds as follows to wit:- Beginning at a monument of stones at a point in a North Westerly direction 750 feet from the discovery shaft, (at which this notice is posted), being the center of the North Westerly end line of said claim, and from which the United States Mineral Monument No. 1, said Helvetia Mining District, bears S. 75° E. 6055 feet distant, thence North Easterly 300 feet to a monument of stones being the North Westerly corner of said claim, thence South Easterly 750 feet to a monument of stones at the center of the North Easterly side line of said claim, thence South Easterly 750 feet to a monument of stones at the North easterly corner of said claim, thence South Westerly 300 feet to a monument of stones at the South Easterly end line of said claim, thence South Westerly 300 feet to a monument of stones at the South Easterly corner of the said claim, thence North Westerly 750 feet to a monument of stones at the center of the South Westerly side line of said claim, thence North Westerly 750 feet to a monument of stones for the South Westerly corner of said claim, thence North Easterly 300 feet to the place of beginning.

This claim is bounded Northerly by the "Mohawk" Westerly by the "Dan" and "Telephone" Lode Mining Claims and Southerly by the "Dan" and "Wedge" Mill sites Claims, and is the same lode originally located on the 12th. day of October 1897, by C. J. Lavery and P. McGovern, and recorded on the 1st. day of February 1898, in Book F. F. Records of mines at page 671, in the office of the Recorder of Pima County.

This further and amended certificate of location is made without waiver to any previously acquired rights, but for the purpose of correcting any errors in the original location, description or record.

James B. Seager.

Quartz Claim.

TO ALL WHOM, IT May Concern:

This Mining Claim, the name of which is the Boston 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 Chas. J. Lavery, the undersigned, on the 27 day of May 1898.

The length of the Claim is 1500 feet, and I claim 300 feet on each side of the discovery shaft, at which this notice is posted, lengthwise of the claim. The General course of the lode, deposit and premises is from the North to the South.

This Claim is situated and located in the Helvetia Mining District, in Pima County, in the Territory of Arizona, about 1/4 of a mile in a Westerly direction from Mohawk Mine.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones at a point in a southerly direction 600 feet from the discovery Shaft, (at which this notice is posted) being in the center of the South end lines, of said claim; thence 300 feet to a monument of stones being the Southeast corner of said claim; thence 750 feet to a monument of stones at the center of the East side line of said claim; thence 750 feet to a monument of stones being at the Northeast corner of said claim; thence 300 feet to a monument of stones being the center of the North end of said claim; thence 300 feet to a monument of stones; being at the Northwest corner of said claim; thence 750 feet to a monument of stones being at the center of the West side line of said claim; thence 750 feet to a monument of stones at the southwest 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 a Act of the General Assembly of Arizona, entitled "An Act concerning Mines," approved March 20, 1895.

Dated and posted on the ground this 27 day of May 1898.
C.J. Lavery.

C.M. Rice
Witness.

(10 cents
Int Rev
Stamp)

"Endorsed" Boston Mining Claim.

Territory of Arizona,
County of Pima.) S.S.

I hereby certify that the within instrument was filed and recorded at the request of Charles J. Lavery, July 28 A D 1898 at 11 A.M. in Book F.F. Record of Mines, at page 780.

Witness my hand and official seal the day and year aforesaid.
(seal) Chas, A, Shibell,
County Recorder.

Tucson, Ariz.
July 5, 1899.

Territory of Arizona,
Pima County) S.S.

I do hereby certify that the annexed is a true copy of the original.

Chas, A Shibell.
County Recorder.

(10 cents
Int rev
Stamp)

(seal)

Territory of Arizona,)
) S.S.
 County of Pima.)

Know all men by these presents, That James B. Seager, the undersigned, has this 19th. day of June 1899, amended, located and claimed, and by these presents does amend, locate and claim by right of discovery and amended location, in compliance with the Mining Acts of Congress, approved May 10th. 1872, and all subsequent Acts, and with the provisions of an Act of the General Assembly of Arizona, entitled, "An Act concerning Mines", approved March 20th. 1895, and with the local customs, laws and regulations, 1500 linear feet and horizontal measurement on the Boston Lode, vein, ledge or deposit along the vein thereof, with all its dips, angles and variations, as allowed by law, together with 300 feet on each side of the middle of said vein at the surface, so far as can be determined from present developments, and all veins, lodes, ledges or deposits and surface ground within the lines of said claim 600 feet running South Easterly from center of discovery Shaft and 900 feet running North Westerly from the center of discovery point, said discovery point being situate upon said lode, vein, ledge or deposit, and within the lines of said claim, in Helvetia Mining District, County of Pima and Territory of Arizona, described by metes and bounds as follows to wit:-

Beginning at a monument of stones at a point in a South Easterly direction 600 feet from the discovery shaft (at which this notice is posted) being the center of the South Easterly end line of said claim, and from which the United States Mineral Monument No. 1, said Helvetia Mining District, bears S. 82° 40' E. 7450 feet distant, thence North Easterly 300 feet to a monument of stones, being the South Easterly corner of said claim, thence North Westerly 750 feet to a monument of stones at the center of the North Easterly side line of said claim, thence North Westerly 750 feet to a monument of stones being at the North Easterly corner of said claim, thence South Westerly 300 feet to a monument of stones being the center of the North Westerly end line of said claim, thence South Westerly 300 feet to a monument of stones being at the North Westerly corner of said claim, thence South Easterly 750 feet to a monument of stones being at the center of the South Westerly side line of said claim, thence South Easterly 750 feet to a monument of stones being at the South Westerly corner of said claim, thence North Easterly 300 feet to the place of beginning.

This claim is bounded North West by the "South End" on the North East by the "Monitor" and "Waltham" and on the East by the "Telephone" Mining claims and is the same lode originally located on

the 27th. day of May 1898, by C. J. Lavery and recorded on the 28th. day of July 1898, in Book F. F. Records of Mines at page 780 in the office of the Recorder of Pima County.

This further and amended certificate of location is made without waiver to any previously acquired rights, but for the purpose of correcting any errors in the original location, description or record.

James B. Seager.

Copy.

Water Wish Mining Claim.

Certificate of Mining Location, Quartz Claim.

This certifies that the Water Wish Mining Claim, was located by the undersigned Edward C. Hughes, on the 2nd. day of October, 1898. That said mining claim is fifteen hundred feet in length and three hundred feet on each side of the centre of the discovery shaft, lengthwise of the claim is claimed by the locators: that the general course of the lode and premises is from the east to the west: that said claim is situated and located in Helvetia Mining District, in Pima County in the Territory of Arizona, about one quarter mile in a southwesterly direction from the Omega Mineral Monument.

That the undersigned discovered of said mining claim located the same on the 2nd. day of October, 1898, by posting at the point of discovery on the surface a plain notice of which the following is a copy: To All Whom It May Concern: This mining claim the name of which is the Water Wish 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 Edward C. Hughes, the undersigned, on the 2nd. day of October, 1898. The length of this claim is fifteen hundred feet and I claim seven hundred and fifty feet in a westerly direction and seven hundred and fifty feet in a easterly direction from the centre of the discovery shaft at which this notice is posted, lengthwise of the claim, together with three hundred feet in width of the surface grounds, on each side of the centre of said claim. The general course of the lode deposit and premises is from the north easterly to the south westerly. The claim is situated and located in the Helvetia Mining District in Pima County, in the Territory of Arizona about 1/4 mile in a S.W. di-

rection from Omega Monument. The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone at a point in a easterly direction 750 feet from the discovery shaft (at which this notice is posted) being in the centre of the east end line of said claim: thence northerly 300 feet to a monument being the north east corner of said claim: thence westerly to a monument at the centre of the north side line of said claim; thence 750 feet to a monument being at the, north west corner of said claim; thence southerly 300 feet to a monument at the centre of the west end of said claim; thence southerly 300 feet to a monument, being at the south west corner of said claim: thence easterly 750 feet to a monument being at the centre of the south side line of said claim; thence Easterly 750 feet to a monument at the south east corner of said claim; thence northerly 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. Dated and posted on the ground this 2nd. day of October, 1898.

Locator. E.C.Hughes.

Witness,

Chas. Lavery.

(Endorsed) "Water Wish Mining Claim.

Territory of Arizona,)
)SS.
 County of Pima.)

I hereby certify that the within instrument was filed and recorded at the request of E. C. Hughes Novr. 3rd. A. D. 1898 at 1 P.M. in Book F.G. Record of Mines at page 12.

Witness my hand and seal the day and year aforesaid.

Chas. A. Shibell.

County Recorder.

Territory of Arizona,)
)SS.

Tucson, Arizona.

July 7, 1899.

Pima County.)

I do hereby certify that the annexed is a true copy of the
original.

10 cents
Int-Rev
Stamp.

Chas. A. Shibell.

County Recorder.

(Seal)

Amended location certificate.

Territory of Arizona,)
) S.S.
 County of Pima.)

Know all men by these presents, That James B. Seager, the undersigned, has this 19th. day of June 1899, amended, located and claimed, and by these presents does amend, locate and claim by right of discovery and amended location, in compliance with the Mining Acts of Congress, approved May 10th. 1872, and all subsequent Acts, and with the provisions of an Act of the General Assembly of Arizona, entitled, "An Act concerning Mines", approved March 20th. 1895, and with the local customs, laws and regulations, 1500 linear feet and horizontal measurement on the Water Wish Lode, vein, ledge or deposit along the vein thereof, with all its dips, angles and variations, as allowed by law, together with 300 feet on each side of the middle of said vein at the surface, so far as can be determined from present developments, and all veins, lodes, ledges or deposits and surface ground within the lines of said claim 750 feet running North-erly from center of discovery shaft and 750 feet running Southerly from center of discovery shaft, said discovery point being situate upon said lode, vein, ledge or deposit and within the lines of said claim, in Helvetia Mining District, County of Pima and Territory of Arizona, described by metes and bounds as follows to wit:- Beginning at a monument of stones at a point in a Southerly direction 750 feet from the discovery shaft (at which this notice is posted) being the center of the Southerly end line of said claim and from which the United States Mineral Monument No.1, said Helvetia Mining District, bears S. 65° 15' E. 3015 feet distant, thence Easterly 300 feet to a monument of stones being at the South East corner of said claim, thence Northerly 750 feet to a monument of stones at the center of the Easterly side line of said claim, thence Northerly 750 feet to a monument of stones being at the North East corner of said claim, thence Westerly 300 feet, to a monument of stones being the center of the Northerly end line of said claim; thence Westerly 300 feet to a monument of stones being at the North West corner of said claim, thence Southerly 750 feet to a monument of stones being at the center of the Westerly side line of said claim; thence Southerly 750 feet to a monument of stones being at the South West corner of said claim; thence Easterly 300 feet to the place of beginning.

This claim is bounded on the South by the "New Mexico" , on the East by the "Leader" on the North by the "Exchange" on the West by the "American" and "Light Weight" Lode Mining claims and is the same lode originally located on the 2nd. of October 1898, by E.C. Hughes and recorded on the 3rd. day of November 1898, in Book GG Records of Mines, at page 12, in the office of the Recorder of Pima County.

This further and amended certificate of location is made without waiver to any previously acquired rights, but for the purpose of correcting any errors in the original location, description or record.

James B. Seager.

BLACK HORSE MINE.

LOCATION NOTICE. QUARTZ CLAIM. To all whom it may Concern:

I, the undersigned, do claim for mining purposes 600 feet wide and 1500 feet long in the form of a parallelogram. Monuments of stones at each corner, at the center of each end, and center of each side line. This notice is placed in a monument at the discovery shaft, 900 feet from N. W. end, and 600 feet from the S. E. end of claim 300 feet from side line.

General direction North-westerly 900 feet and 600 feet South-easterly.

Situated in Helvetia Mining District, Pima County, Arizona, about four miles from Rosemont Post Office in N. Westerly direction in West side of Santa Rita Mountains.

Claim is bounded thusly:

North-east by Antelope)
North-west by Black Bess) Property of R. C. Co.

South-east by Baltimore- Property of R. C. Co.

South-west by Copper World " " E. C. Hughes.

The above named claim formerly located by J. V. Wigle, and Walter Davis and re-located by P. W. McGovern for not doing the assessment work in the year 1897.

Name of claim unknown to me and shall be known as the Black Horse Mine.

Located Nov. 15th, 1898.

Philip and Wm. McGovern,
Locator, November 15, 1898.

Witness,
L.E. McBain.

Filed and recorded at request of P. McGovern, Feby 10th, 1899,
at 9.30 A.M.

Chas. A. Shibell,
County Recorder.
(Recorded in Book GG, Records of Mines, at page 96.)

Amended location certificate.

Territory of Arizona,)
) S. S.
 County of Pima.)

Know all men by these presents, That James B. Seager, the undersigned, has this 19th. day of June 1899, amended, located and claimed, and by these presents does amend, locate and claim by right of discovery and amended location, in compliance with the Mining Acts of Congress, approved May 10th. 1872, and all subsequent Acts, and with the provisions of an Act of the General Assembly of Arizona, entitled, "An Act concerning Mines", approved March 20th. 1895, and with the local customs, laws and regulations, 1200 linear feet and horizontal measurement on the Black Horse Lode, vein, ledge or deposit, along the vein thereof, with all its dips, angles and variations, as allowed by law, together with 300 feet on each side of the middle of said vein at the surface, so far as can be determined from present developments, and all veins, lodes, ledges or deposits and surface ground within the lines of said claim 600 feet running Easterly from center of discovery shaft and 600 feet running Westerly from center of discovery point, said discovery point being situate upon said lode, vein, ledge or deposit, and within the lines of said claim, in Helvetia Mining District, County of Pima and Territory of Arizona, described by metes and bounds as follows to wit:-

Beginning at a monument of stones at a point in an Easterly direction 600 feet from the discovery shaft (at which this notice is posted) being the center of the Easterly end line of claim, from which the United States Mineral Monument No. 1 said Helvetia Mining District bears S. 17° W. 3475 feet distant, thence, Northerly 300 feet to a monument of stones being at the North East corner of claim, thence, Westerly 600 feet to a monument of stones being the center of the Northerly side line of claim, thence Westerly 600 feet to a monument of stones being at the North West corner of claim, thence Southerly 300 feet to a monument of stones being at the center of the Westerly end line of claim, thence Southerly 300 feet to a monument of stones being at the South West corner of claim, thence Easterly 600 feet to a monument of stones being at the center of the Southerly side line of claim, thence Easterly 600 feet to a monument of stones being at the South East corner of claim, thence Northerly 300 feet to the place of beginning.

This claim is bounded East by the "Antelope", West by the "Black Bess" and South by the "Owosko" and "Brunswick" Lode Mining Claims and is the same lode originally located on the 15th. day of November 1898, by Philip and Wm. McGovern and recorded on the 10th day of February 1899 in Book G G Records of Mines at page 96 in the office of the Recorder of Pima County.

This further and amended certificate of location is made without waiver to any previously acquired rights, but for the purpose of correcting any errors in the original location, description or record.

James B. Seager.

Grizzly, Mining Claim,

Notice is hereby given that the undersigned has this day located and claimed 1500 linear feet along this ledge of mineral bearing quartz together with 300 feet upon each side of same, and further described as follows, Beginning at this initial monument of stone and running 500 feet in an easterly direction and 1000 feet in a westerly direction, the corners and centres being marked with monuments of stones situated in the Helvetia mining district in the County of Pima, Territory of Arizona, and adjoining the Omega mine~~on~~ the west and being joined upon the west by the Old Dick, and shall be known as the "Grizzly" dated this 1st. day of January 1899,

Locator-----J, W, Armentrout,

Witnesses,

Avery Chishoem,

This claim was formerly known as the Little Dick. located by R, J, Skifington, was re located on account of assessment not being done in 1898

J, W, A,

Filed and recorded at request of P, W, Mc, Govern, March, 14. 1899. at 2, 45, P M, in Book G, G, Record of Mines at pages 132-33.

Territory of Arizona,
S, S,
County of Pima,

I, Chas, A, Shibell County Recorder in and for the County of Pima Territory of Arizona, do hereby certify that the annexed and foregoing is a true and correct copy of the "Grizzly" Location Notice in Helvetia mining district as the same appears in my office of record in Book G, G, Record of Mines at pages 132-33,

In witness

whereof have hereunto set my hand and seal of office this 5th, day of July 1899, at Tucson, Ariz

Chas. A. Shibell.
County Recorder.

(Seal)

(Put Rev. Stamp)
10 cents

LOCATION NOTICE. QUARTZ CLAIM. TO ALL WHOM IT MAY CONCERN:

I claim for mining purposes 600 feet wide and 1500 feet log long in the form of a parallelogram, monuments of stones at each corner, at the center of each end, and center of each side line. This notice is placed in a monument at the discovery shaft about 300 feet from the North end of claim. General direction North-east and South-west. Situated in Helvetia Mining District, Pima County, Arizona, about 1000 feet in a North-easterly direction from the Omega Mineral monument, bounded on the North by the King Mine, on the East by the Exile Mine. beginning at a monument of stones 300 feet from discovery shaft at which this notice is placed, running Easterly 300 feet to monument of stones at N.E. corner of claim, thence Southerly 750 feet to a monument at East side line of claim; thence Southerly 750 feet to a monument at S.E. corner of claim; thence Westerly 300 feet to a monument at South center of claim, thence Westerly 300 feet to a monument at S.W. corner of claim, thence North-erly 750 feet to a monument a West center side of claim, thence North-erly 750 to a monument at N.W. corner of claim, thence Easterly 300 feet to place of beginning, and shall be known as the Vulture Mine. Located Feburary 22"1899.

P.W.McGovern

Witness:

Chas.Lavery.

Filed and recorded at request of P.W.McGovern March 15, A.D.1899, at 1.15 P.M.

Chas. A Shibell.

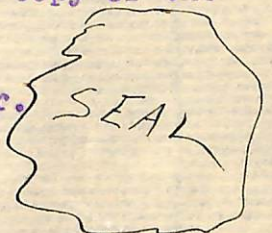
County Recorder.

(Recorded in Book GG, Records of Mines, at page 136).

Territory of Arizona)	Tucson Ariz.
) SS.	July 7, 1899
Pima County.)	

I do hereby certify that the annexed is a true copy of the original.

Chas.A.Shibell
County Recorder.



(J. A. Doc.
104 stamp
...)

Notice of Mining Location.

QUARTZ CLAIM.

To All Whom It May Concern:

This mining claim, the name of which is the Light Knight Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by F. B. Close

the undersigned, on the 15th day of March 1899.

The length of this claim is 1500 feet, and 750 feet in a northwesterly direction and 750 feet in a southerly direction from the center of the discovery cut 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 Bellevue Mining District, in Pima County, in the Territory of Arizona, about 3800 ft. N 47° W direction from U. S. Location Monument No. 1 said Bellevue Mining District.

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

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

Dated and posted on the ground this 15th day of March 1899.

Witness to Posting
George R. Anderson

F. B. Close

Territory of Arizona }
Pima County } S.S.

In com. ^{ma}
July 7. 1849.

I do hereby certify that the annexed is a
true copy of the original.

Chas. A. Shibley,
County Recorder.
Seal

10 cents
Int-Rev
Stamp

199

Notice of Mining Location.

QUARTZ CLAIM.

To All Whom It May Concern:

This mining claim, the name of which is the Buzzard Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral mineral deposits, was entered upon and located for the purpose of exploration and purchase by F. B. Close

The undersigned, on the 15th day of March 1899
The length of this claim is 1500 feet,
and 2 claim 750 feet
in a N. easterly direction and 750
feet in a westerly direction from
the center of the discovery cut, at which this notice is posted, lengthwise of the claim, together with
300 feet in width of the surface grounds, on each side of the center of said
claim. The general course of the lode deposit and premises is from the east
to the west

The claim is situated and located in the Bellevue Mining District, in
Pima County, in the Territory of Arizona, about 4750 ft. N 37° W
direction from N. S. Location
Monument No. 1 said Bellevue Mining District

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

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

Dated and posted on the ground this 15th day of March 1899

Witness to Posting
George J. Redgrave

F. B. Close

County of Pima }
Pima County } S.S.

Mem. Arizona
July 7/99.

I do hereby certify that the annexed is
a true copy of the original.

Chas. A. Shultz.
County Recorder.
Seal

10 cents
Int-Rev
Stamp

Notice of Mining Location.

QUARTZ CLAIM.

To All Whom It May Concern:

This mining claim, the name of which is the Telemeter Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral mineral deposits, was entered upon and located for the purpose of exploration and purchase by J. B. Close

the undersigned, on the 15th day of March 1899.
The length of this claim is 1500 feet, and 9 claim 750 feet in a n. easterly direction and 750 feet in a westerly direction from the center of the discovery ~~shaft~~ cut at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the east to the west

The claim is situated and located in the Helvetic Mining District, in Pima County, in the Territory of Arizona, about 6300 ft. N 59° W direction from U. S. Location Monument No. 1 said Helvetic Mining District

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones at a point in a n. easterly direction 750 feet from the discovery shaft (at which this notice is posted), being in the center of the easterly end line of said claim; thence northwesterly 300 feet to a monument of stones, being the north-east corner of said claim; thence westerly 750 feet to a monument of stones at the center of the northwesterly side line of said claim; thence westerly 750 feet to a monument of stones being at the north-east corner of said claim; thence southwesterly 200 feet to a monument of stones at the center of the westerly end of said claim; thence southwesterly 300 feet to a monument of stones, being at the south-west corner of said claim; thence easterly 750 feet to a monument of stones being at the center of the southwesterly side line of said claim; thence easterly 750 feet to a monument of stones at the south-east corner of said claim; thence northwesterly 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.

Dated and posted on the ground this 15th day of March 1899
Witness to Posting George J. Robinson J. B. Close

County of Arizona
Pima County, Ariz. 202

Tucson, Arizona
July 7, 18

I do hereby certify that the annexed is
true copy of the original.

Chas. A. Shibley.

County Recorder
seat

10 cents

Int-Rev
Stamp

Notice of Mining Location.

QUARTZ CLAIM.

To All Whom It May Concern:

This mining claim, the name of which is the General Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral mineral deposits, was entered upon and located for the purpose of exploration and purchase by

J. B. Close

the undersigned, on the 15th day of March, 1899.

The length of this claim is 1500 feet, and 2 claim, 1350 feet in a or easterly direction and 150 feet in a westerly direction from

the center of the discovery ^{cup} shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the east to the west

The claim is situated and located in the Helix Mining District, in Pima County, in the Territory of Arizona, about 6600 ft N 70° W

direction from U. S. Location Monument No. 1 said Helix Mining District

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

at a point in a or easterly direction 1350 feet from the discovery shaft (at which this notice is posted), being in the center of the easterly end line of said claim; thence northwesterly 300 feet to a monument of stones, being the north-west corner of said claim; thence westerly 750 feet to a monument of stones at the center of the westerly side line of said claim; thence westerly 750 feet to a monument of stones being at the north-west corner of said claim; thence southwesterly 300 feet to a monument of stones at the center of the westerly end of said claim; thence southwesterly 300 feet to a monument of stones, being at the south-west corner of said claim; thence southwesterly 750 feet to a monument of stones being at the center of the southwesterly side line of said claim; thence easterly 750 feet to a monument of stones at the south-west corner of said claim; thence northwesterly 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.

Dated and posted on the ground this 15th day of March, 1899

Witness to Posting
George J. Proctor

J. B. Close

writing of Arizona }
Pinal County } ss.

204

I do hereby certify that the
annexed is a true copy of the original
Chas. A. Shull

J. C. A. J.

July 7/99.

10 cents

Int Rev
Stamp

County Recorder.
seal

Notice of Mining Location.

QUARTZ CLAIM.

To All Whom It May Concern:

This mining claim, the name of which is the Slide Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral mineral deposits, was entered upon and located for the purpose of exploration and purchase by J. B. Case

The undersigned, on the 15th day of March 1899.
The length of this claim is 1500 feet,
and 1 claim 750 feet
in a W. easterly direction and 750
feet in a westerly direction from
the center of the discovery cut shaft, at which this notice is posted, lengthwise of the claim, together with
300 feet in width of the surface grounds, on each side of the center of said
claim. The general course of the lode deposit and premises is from the east
to the west

The claim is situated and located in the Adelita Mining District, in
Pima County, in the Territory of Arizona, about one mile N 57° W
direction from U. S. Location
Monument No. 1 said Adelita Mining District

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument
of stones
at a point in a W. easterly direction 750 feet from
the discovery shaft (at which this notice is posted), being in the center of the westerly
end line of said claim; thence northwesterly 300 feet to a monument of
stones, being the north west corner of said claim; thence
westerly 750 feet to a monument of stones at the center of
the northwesterly side line of said claim; thence westerly 750
feet to a monument of stones being at the north west corner of said
claim; thence southwesterly 300 feet to a monument of stones
at the center of the westerly end of said claim; thence southwesterly 300
feet to a monument of stones, being at the north west
corner of said claim; thence easterly 750 feet to a monument
of stones being at the center of the southwesterly side line of said claim;
thence easterly 750 feet to a monument of stones at
the South West corner of said claim; thence northwesterly 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.

Dated and posted on the ground this 15th day of March 1899
Witness to Posting
Amey J. Reddick
J. B. Case

writing of original } ss. I do hereby certify that
Pima County }
the annexed is a true copy of the original.

Chas. A. Shedd
County Recorder.
seal

Lucas A. J.
July 7/99.

10 cents
Int. Rev.
Stamp

206

Notice of Mining Location.

QUARTZ CLAIM.

To All Whom It May Concern:

This mining claim, the name of which is the Stan Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral mineral deposits, was entered upon and located for the purpose of exploration and purchase by J. B. Cloe

the undersigned, on the 16th day of March 1899.

The length of this claim is 800 feet, and 9 claim 400 feet in a north-easterly direction and 400 feet in a south-westerly direction from the center of the discovery cut shaft, at which this notice is posted lengthwise of the claim, together with 200 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-easterly to the south-westerly.

The claim is situated and located in the Bellevue Mining District, in Yuma County, in the Territory of Arizona, about 6300 ft. at 74° W direction from U. S. Location Monument No. 1 said Bellevue Mining District.

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

at a point in a north easterly direction 400 feet from the discovery shaft (at which this notice is posted), being in the center of the north easterly end line of said claim; thence north westerly 200 feet to a monument of stones, being the north-west corner of said claim; thence south-westerly 400 feet to a monument of stones at the center of the westerly side line of said claim; thence south-westerly 400 feet to a monument of stones being at the south-west corner of said claim; thence north-easterly 200 feet to a monument of stones at the center of the north-easterly end of said claim; thence south-easterly 200 feet to a monument of stones, being at the south-east corner of said claim; thence north easterly 400 feet to a monument of stones being at the center of the easterly side line of said claim; thence north-easterly 400 feet to a monument of stones at the north west corner of said claim; thence north-westerly 200 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.

Dated and posted on the ground this 16th day of March 1899

Witness to Posting
George J. Rodriguez

J. B. Cloe

18. Original
Pine County N.S.

Lucas, A.S.
July 7, 1899.

I do hereby certify that the annexed is
a true copy of the original.

Chas. A. Hubbell
County Recorder
(SEAL)

104
INT. REV STAMP

208

Notice of Mining Location.

QUARTZ CLAIM.

To All Whom It May Concern:

This mining claim, the name of which is the San Jose Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral mineral deposits, was entered upon and located for the purpose of exploration and purchase by

San J. Singer

the undersigned, on the 20th day of March 1899.

The length of this claim is 1500 feet

and 750 claim feet

in a northerly direction and 750

feet in a westerly direction from

the center of the discovery cut shaft, at which this notice is posted, lengthwise of the claim, together with

300 feet in width of the surface grounds, on each side of the center of said

claim. The general course of the lode deposit and premises is from the east

to the west

The claim is situated and located in the Helvetia Mining District, in

Pima County, in the Territory of Arizona, about 600 feet

in a north easterly direction from United States

Location Monument No. 1 Helvetia Mining District

Pima County Arizona

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

monument of stones

at a point in a northerly direction 750 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 north east corner of said claim; thence

westerly 750 feet to a monument of stones at the center of

the northerly side line of said claim; thence westerly 750

feet to a monument of stones being at the north west 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 south east

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 south east corner of said claim; thence northerly 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.

Dated and posted on the ground this twentieth day of March 1899.

Witness to Posting
George J. Roscoe
J. B. Close

S. J. Singer

In com. Arizona

County of Arizona }
Pima County } S.S.

July 7. 1899.

I do hereby certify that the
annexed is a true copy of the original.

Chas. A. Shubert,
County Recorder
/ seal /

10 cents
Int Rev
Stamps

210

Notice of Mining Location.

QUARTZ CLAIM.

To All Whom It May Concern:

R. O. J.

This mining claim, the name of which is the
Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral
mineral deposits, was entered upon and located for the purpose of exploration and purchase by

Sam J. Dwyer

The undersigned, on the *20th* day of *March* 1899

The length of this claim is *1500* feet.

and *1* claim *750* feet

in a *w. easterly* direction and *750*

750 feet in a *westerly* direction from

the center of the discovery *cut* shaft, at which this notice is posted, lengthwise of the claim, together with

300 feet in width of the surface grounds, on each side of the center of said

claim. The general course of the lode deposit and premises is from the *west*

to the *west*

The claim is situated and located in the *Helvetic* Mining District, in

Pima County, in the Territory of Arizona, about *1800* ft.

in a *w. easterly* direction from *the N. E. Location*

Monument No. 1, Helvetic Mining District Pima

County Arizona The surface boundaries of the claim are marked upon the ground as follows: Beginning at *a*

monument of stones

at a point in a *w. easterly* direction *750* feet from

the discovery shaft (at which this notice is posted), being in the center of the *easterly*

end line of said claim; thence *w. easterly* *300* feet to a *monument*

of stones, being the *north east* corner of said claim; thence

westerly *750* feet to a *monument of stones* at the center of

the *westerly* side line of said claim; thence *westerly* *750*

feet to a *monument of stones* being at the *north-west* corner of said

claim; thence *southwest* *300* feet to a *monument of stones*

at the center of the *westerly* end of said claim; thence *southwest* *300*

feet to a *monument of stones*, being at the *south west*

corner of said claim; thence *easterly* *750* feet to a *monument*

of stones being at the center of the *easterly* side line of said claim;

thence *easterly* *750* feet to a *monument of stones* at

the *south east* corner of said claim; thence *westerly* *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.

Dated and posted on the ground this *twentieth* day of *March* 1899

Witness to Posting
Sam J. Dwyer
J. B. Crow

S. J. Dwyer

copy
Pineda

Arizona
County J.W.

Tucson, Arizona
July 7, 1899.

212

I do hereby certify
a true copy of the original.

That the annexed is

Chas. A. Hubbell

County Recorder
seal

10 cents
Int Rev
Stamp

Notice of Mining Location.

QUARTZ CLAIM.

To All Whom It May Concern:

This mining claim, the name of which is the Indian Club 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

San J. Dreyer

the undersigned, on the 20th day of March 1899

The length of this claim is fifteen hundred feet

and seven hundred and fifty feet

in a westerly direction and seven hundred

and fifty feet in a westerly direction from

the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with

three hundred feet in width of the surface grounds, on each side of the center of said

claim. The general course of the lode deposit and premises is from the east

to the west

The claim is situated and located in the Heberton Mining District, in

Pima County, in the Territory of Arizona, about three hundred feet

in a westerly direction from N. J. Scatena

Monument No. 1 Heberton Mining District, Pima Co. Arizona

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

monument of stones

at a point in a westerly direction, seven hundred and fifty feet from

the discovery shaft (at which this notice is posted), being in the center of the westerly

end line of said claim; thence northward three hundred feet to a

monument of stones, being the north-west corner of said claim; thence

westerly 750 feet to a monument of stones at the center of

the westerly side line of said claim; thence northward 750

feet to a monument of stones being at the north-west corner of said

claim; thence northward three hundred feet to a monument of stones

at the center of the westerly end of said claim; thence southward three hundred

feet to a monument of stones, being at the north-west

corner of said claim; thence westerly 750 feet to a monument of

stones being at the center of the westerly side line of said claim;

thence westerly 750 feet to a monument of stones at

the north-west corner of said claim; thence northward three hundred

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.

Dated and posted on the ground this 20th day of March 1899

Witness & Posting
George J. Rabe
J. B. Close

S. J. Dreyer

Territory of Arizona
Pima County

I do hereby certify that the
annexed is a true copy of the original.

214

Chas. A. Shull.

J. C. M. A. J.
July 7/99.

10 cents
Int Rev
Stamp

County Recorder.
Seal =

Copy

Notice of Mining Location.

QUARTZ CLAIM.

To All Whom It May Concern:

This mining claim, the name of which is the Musciman Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral mineral deposits, was entered upon and located for the purpose of exploration and purchase by

J. B. Seagr

the undersigned, on the 18th day of April, 1899.

The length of this claim is 1500 feet, and 2 claim 750 feet in a north easterly direction and 750 feet in a south westerly direction from the center of the discovery cut 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 east to the south west.

The claim is situated and located in the Coconino Mining District, in Pima County, in the Territory of Arizona, about about 3800 ft. N. 26° W. in a N. S. Location Monument direction from No. 1.

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

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

Dated and posted on the ground this 18th day of April, 1899.

Witness of Posting.
J. B. Close

James B. Seagr

Territory of Arizona
Pima County G.S.

I do hereby certify that the
annexed is a true copy of the original.

Chas. A. Shull

Jesse A. J.
July 7/99.

10 cents
Int. Rev
Stamp

216

County Recorder
J. Seal

Notice of Mining Location.

QUARTZ CLAIM.

To All Whom It May Concern:

This mining claim, the name of which is the Little Saw Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral mineral deposits, was entered upon and located for the purpose of exploration and purchase by

J. B. Seager

the undersigned, on the 18th day of April 1899

The length of this claim is 1500 feet, and 9 claim 750 feet

in a north-easterly direction and 750 feet in a south westerly direction from

the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with

300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the north east to the south west

The claim is situated and located in the Helvetia Mining Mining District, in Pima County, in the Territory of Arizona, about 1080 Ft. N 50° W

from U. S. Location Monument No. 1 said Helvetia Mining District

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

at a point in a north easterly direction 750 feet from

the discovery shaft (at which this notice is posted), being in the center of the north end line of said claim; thence north westerly 300 feet to a monument

of Jones, being the north west corner of said claim; thence south westerly 750 feet to a monument of Jones at the center of

the westerly side line of said claim; thence south westerly 750 feet to a monument of Jones being at the south west corner of said

claim; thence south easterly 300 feet to a monument of Jones at the center of the south end of said claim; thence south easterly 300

feet to a monument of Jones, being at the south east corner of said claim; thence north easterly 750 feet to a monument

of Jones being at the center of the easterly side line of said claim;

thence north easterly 750 feet to a monument of Jones at

the north east corner of said claim; thence north westerly 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.

Dated and posted on the ground this 18th day of April 1899

Witness of Posting.
J. B. Case

James B. Seager

Territory of Arizona }
Pima County } S.S.

I do hereby certify that the
annexed is a true copy of the original.

Chas. A. Hubell.

Tucson, A.T.
July 7/99.

10 cents
Int Rev
Stamp

218

County Recorder.
Seal

Notice of Mining Location.

QUARTZ CLAIM.

To All Whom It May Concern:

This mining claim, the name of which is the Pilot 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. B. Seager

the undersigned, on the 18th day of April 1899

The length of this claim is 1500 feet, and 750 claim 750 feet in a north easterly direction and 750 feet in a south westerly direction from the center of the discovery cut, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the north-west to the south west.

The claim is situated and located in the Helena Mining District, in Pima County, in the Territory of Arizona, about 1980 ft. at 27° N U. S. Location monument No. 1 said Helena Mining District

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

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

Dated and posted on the ground this 18th day of April 1899

Notice of Posting
J. B. Seager

Jas. B. Seager

7
written. Arizona } S.S.
Pima County

221

I do hereby certify that
the annexed is a true copy of the original.

Chas. A. Lubell
County Recorder
seal

Jucan A.J.
July 7/99.

10 cents
Int Rev
Stamp

LOCATION NOTICE OF MILL SITE:

Notice is hereby given that I, the undersigned, of the County of Pima, in the Territory of Arizona, have on this the Third day of April 1899, located, and have a valid right to the sole occupation and enjoyment of all and singular that tract or parcel of land, not exceeding five acres, situate, lying and being in the Helvetia Mining District and in said County, the same being bounded and described as follows, namely:

Beginning at corner No.1. which is located westerly six thousand two hundred and forty (6240) feet more or less from U.S. Land Monument No.1. thence westerly five hundred and one and eight-tenths (501.8) feet, thence southerly four hundred and thirty four (434) feet, thence easterly five hundred and one and eight-tenths (501.8) feet, thence northerly four hundred and thirty four (434) feet.

to the place of beginning.

Together with all and singular the hereditaments and appurtenances thereunto belonging.

The above described tract of land is located by me, as aforesaid as a mill site in connection with the Elgin Mining Claim, situate in the said Mining District, and also owned by me and for the purpose of erecting thereon works for the treatment of the ore mined and taken from said mining claim; said mill site hereby located is named by me Elgin Mill Site.

Witness my hand and seal on this the day and year first herein before written.

J. B. Seager (SEAL)

C

Witness O. H. Cox.

LOCATION NOTICE OF MILL SITE:

Notice is hereby given that I, the undersigned, of the County of Pima, in the Territory of Arizona, have on this the Third day of April 1899, located, and have a valid right to the sole occupation and enjoyment of all and singular that tract or parcel of land, not exceeding five acres, situate, lying and being in the Helvetia Mining District and in said County, the same being bounded and described as follows, namely:

Beginning at corner No.1. which is located Six thousand seven hundred and twenty (6720) feet more or less, from the U.S. Land monument No.1. thence westerly for a distance of five hundred and one and eight-tenths (501.8) feet, thence southerly for a distance of four hundred and thirty four (434) feet thence easterly for a distance of five hundred and one and eight-tenths (501.8) feet, thence northerly for a distance of four hundred and thirty four (434) feet

to the place of beginning.

Together with all and singular the hereditaments and appurtenances thereunto belonging.

The above described tract of land is located by me, as aforesaid as a mill site in connection with the Boston Mining Claim, situate in the said Mining District, and also owned by me and for the purpose of erecting thereon works for the treatment of the ore mined and taken from said mining claim; said mill site hereby located is named by me Boston Mill Site.

Witness my hand and seal on this the day and year first herein before written.

J. B. Seager (SEAL)

Witness O. H. Cox.

LOCATION NOTICE OF MILL SITE:

Notice is hereby given that I, the undersigned, of the County of Pima, in the Territory of Arizona, have on this the Third day of April 1899, located and have a valid right to the sole occupation and enjoyment of all and singular that tract or parcel of land, not exceeding five acres, situate, lying and being in the Helvetia Mining District, and in said County, the same being bounded and described as follows, namely:

Beginning at Corner No.1, which is located five thousand two hundred and fifty five (5255) feet more or less from U.S.Land Monument No.1, thence westerly five hundred and one and eight-tenths (501.8) feet, thence southerly four hundred and thirty four (434) feet thence easterly five hundred and one and eight-tenths (501.8) feet, thence northerly four hundred and thirty four feet (434 ft.)

to the place of beginning.

Together with all and singular the hereditaments and appurtenances thereunto belonging.

The above described tract of land is located by me, as aforesaid, as a mill site in connection with the American Mining Claim, situate in the said Mining District, and also owned by me, and for the purpose of erecting thereon works for the treatment of the ore mined and taken from said Mining Claim; said Mill Site hereby located is named by me American Mill site.

Witness my hand and seal on this day and year first hereinbefore written.

J. B. Seager (SEAL)

Witness

O. H. Cox.

LOCATION NOTICE OF MILL SITE:

Notice is hereby given that I, the undersigned, of the County of Pima, in the Territory of Arizona, have on this the Third day of April 1899, located and have a valid right to the sole occupation and enjoyment of all and singular that tract or parcel of land, not exceeding five acres, situate, lying and being in the Helvetia Mining District, and in said County, the same being bounded and described as follows, namely:

Beginning at Corner No.1, which is located five thousand seven hundred and fifty (5750) feet more or less from the U.S.Land Monument Nol. thence westerly five hundred and one and eight-tenths (501.8) feet, thence southerly for a distance of four hundred and thirty four (434) feet, thence easterly for a distance of five hundred and one and eight-tenths (501.8) feet, thence northerly for a distance of four hundred and thirty four (434) feet to the place of beginning.

Together with all and singular the hereditaments and appurtenances thereunto belonging.

The above described tract of land is located by me, as aforesaid, as a mill site in connection with the Recorder Mining Claim, situate in the said Mining District, and also owned by me, and for the purpose of erecting thereon works for the treatment of the ore mined and taken from said Mining Claim; said Mill Site hereby located is named by me Recorder Mill site.

Witness my hand and seal on this day and year first hereinbefore written.

J.B.Seager (SEAL)

Witness

O.H.Cox.

LOCATION NOTICE OF MILL SITE:

Notice is hereby given that I, the undersigned, of the County of Pima, in the Territory of Arizona, have on this the Third day of April 1899, located and have a valid right to the sole occupation and enjoyment of all and singular that tract or parcel of land, not exceeding five acres, situate, lying and being in the Helvetia Mining District, and in said County, the same being bounded and described as follows, namely:

Beginning at Corner No.1, which is located westerly four thousand seven hundred and sixty (4760) feet more or less from the U.S.Land Monument No.1, thence westerly for a distance of five hundred and one and eight-tenths (501.8) feet, thence southerly for a distance of four hundred and thirty four (434) feet, thence easterly five hundred and one and eight-tenths (501.8) feet, thence northerly four hundred and thirty four feet to the place of beginning.

Together with all and singular the hereditaments and appurtenances thereunto belonging.

The above described tract of land is located by me, as aforesaid, as a mill site in connection with the "Old Dick Mining Claim, situate in the said Mining District, and also owned by me, and for the purpose of erecting thereon works for the treatment of the ore mined and taken from said Mining Claim; said Mill Site hereby located is named by me Old Dick Mill site.

Witness my hand and seal on this day and year first hereinbefore written.

J.B.Seager (SEAL)

Witness

O.H.Cox.

Copy.

LOCATION NOTICE OF MILL SITE.

Notice is hereby given that I, the undersigned, of the County of Pima, in the Territory of Arizona, have on this third day of April 1899, located, and have a valid right to the sole occupation and enjoyment of all and singular that tract or parcel of land, not exceeding five acres, situate, lying and being in the Helvetia Mining District and in said county, the same being bounded and described as follows, namely:- Beginning at corner No.1, which is located North Westerly five thousand nine hundred and ten (5910) feet more or less from the U.S. Land Monument No.1, thence Northerly for a distance of three hundred and thirty four (334) feet, thence westerly for a distance of one thousand three hundred and four and four-tenths ($1304\frac{4}{4}$) feet, thence easterly for a distance of one thousand three hundred and forty six and five-tenths (1346.5) feet, to the place of beginning.

Together with all and singular the hereditaments and appurtenances thereunto belonging.

The above described tract of land is located by me, as aforesaid, as a mill site in connection with the Telephone mining claim, situate in said mining district, and also owned by me, and for the purpose of erecting thereon works for the treatment of the ore mined and taken from said mining claim; said mill site hereby located is named by me Telephone.

Witness my hand and seal on this the day and year first hereinbefore written.

J. B. Seager, (Seal)

Witness

O.H.Cox.

(Endorsed)

"Telephone.

Territory of Arizona,)

)SS.

County of Pima.)

I hereby certify that the within instrument was filed and recorded at the request of D.J.Dwyer, May 4th.A.D.1899 at 9 a. .in Book 2 Mill Sites, at page 7.

Witness my hand and official seal the day and year aforesaid.

Chas. A. Shibell

County Recorder."

(Seal)

Territory of Arizona,)

)SS.

Pima County.)

(10 ct.Int.Rev

Stamp.)

(Seal)

I do hereby certify that the annexed is a true copy of the original.

Tucson, *A.T.*

July 7/1899.

Chas. A. Shibell.

County Recorder.

Copy.

LOCATION NOTICE OF MILL SITE.

Notice is hereby given that I, the undersigned, of the County of Pima, in the Territory of Arizona, have on this third day of April 1899, located, and have a valid right to the sole occupation and enjoyment of all and singular that tract or parcel of land, not exceeding five acres, situate, lying and being in the Helvetia Mining District and in said county, the same being bounded and described as follows, namely:- Beginning at corner No.1, which is located North Westerly five thousand six hundred and twenty (5620) feet more or less from the U.S.Land Monument No.1, thence northerly for a distance of five hundred and twenty three and five-tenths (523.5) feet, thence North Westerly for a distance of one hundred and twenty seven and nine-tenths (127.9) feet, thence Southerly for a distance of one hundred and ninety nine (199) feet, thence westerly for a distance of one hundred and ninety five and six-tenths (195.6) feet, thence southerly for a distance of three hundred and thirty four (334) feet, thence easterly for a distance of three hundred and seven-tenths (300.7) feet, to the place of beginning.

Together with all and singular the hereditaments and appurtenances thereunto belonging.

The above de scribed tract of land is located by me, as aforesaid, as a mill site in connection with the Dan mining claim, situate in said mining district, and also owned by me, and for the purpose of erecting thereon works for the treatment of the ore mined and taken from said mining claim; said mill site hereby located is named by me Dan Mill site.

Witness my hand and seal on this the day and year first hereinbefore written.

T. B. Close.

Witness

O.H.Cox.

(Endorsed)

"Dan.

Territory of Arizona,)

)SS.

County of Pima.)

I hereby certify that the within instrument was filed and recorded at the request of D.J.Dwyer, May 4th.A.D.1899 at 9 a.m.in Book 2 Mill Sites, at page 13.

Witness my hand and official seal the day and year aforesaid.

Chas. A. Shibell

County Recorder."

(Seal)

Territory of Arizona,)

)SS.

Pima County.)

(10 ct.Int.Rev

Stamp.)

(Seal)

I do hereby certify that the annexed is a true copy of the original.

Tucson, Ariz.

July 7/1899.

Chas. A. Shibell.

County Recorder.

Copy.

LOCATION NOTICE OF MILL SITE.

Notice is hereby given that I, the undersigned, of the County of Pima, in the Territory of Arizona, have on this third day of April 1899, located, and have a valid right to the sole occupation and enjoyment of all and singular that tract or parcel of land, not exceeding five acres, situate, lying and being in the Helvetia Mining District and in said county, the same being bounded and described as follows, namely:- Beginning at corner No.1, which is located North Westerly four thousand seven hundred and sixty (4760) feet more or less from the U.S.Land Monument No.1, thence North Westerly for a distance of one thousand one hundred and eleven and five-tenths (1111.5) feet, thence Southerly for a distance of five hundred and twenty three and five-tenths (523.5) feet thence Easterly for a distance of nine hundred and sixty one and nine-tenths (961.9) feet to Corner No.1 aforesaid which is to the place of beginning.

Together with all and singular the hereditaments and appurtenances thereunto belonging.

The above described tract of land is located by me, as aforesaid, as a mill site in connection with the Wedge mining claim, situate in said mining district, and also owned by me, and for the purpose of erecting thereon works for the treatment of the ore mined and taken from said mining claim; said mill site hereby located is named by me Wedge Mill site.

Witness my hand and seal on this the day and year first hereinbefore written.

J. B. Seager. (Seal)

Witness

O.H.Cox.

(Endorsed)

"Wedge.

Territory of Arizona,)

)SS.

County of Pima.)

I hereby certify that the within instrument was filed and recorded at the request of D.J.Dwyer, May 4th.A.D.1899 at 9 a.m.in Book 1 Mill Sites, at page 794.

Witness my hand and official seal the day and year aforesaid.

Chas. A. Shibell

(Seal)

County Recorder."

Territory of Arizona,)

)SS.

Pima County.)

(10 ct.Int.Rev

Stamp.)

(Seal)

I do hereby certify that the annexed is a true copy of the original.

Tucson, *Chas. J.*

July 7/1899.

Chas. A. Shibell.

County Recorder.

Amended location certificate of the Heavy Weight Mill-site Claim.

To all whom these presents may concern:

KNOW YE, That I, James B. Seager, of the County of Pima and Territory of Arizona, do hereby declare and publish as a legal notice to the world, that I have a valid right to the occupation, possession and enjoyment of all and singular that tract or parcel of land, not exceeding five acres, situate, lying and being in the Helvetia Mining District, County and Territory aforesaid, bounded and described as follows:

HEAVY WEIGHT MILL SITE.

Beginning at a monument of stones at the East end center of claim upon which this notice is posted, and from which the North West corner of the Heavy Weight Mining claim bears S. 6 W. 1090 feet distant, United States Mineral Monument No. 1 said Helvetia Mining District, bears S. 34 55 W. 5620 feet distant, thence Northerly 225 feet to a monument of stones being the North East corner of claim, thence Westerly 484 feet to a monument of stones being the North West corner of claim, thence Southerly 225 feet to a monument of stones being the West end center of claim, thence Southerly 225 feet to a monument of stones being the South West corner of claim, thence Easterly 484 feet to a monument of stones being the South East corner of claim, thence Northwörly 225 feet to the place of beginning.

Containing five acres,

Var. 12 35 E.

To gether with all and singular the hereditaments and appurtenances thereto belonging or in any wise appertaining.

This mill-site claim is located in connection with the Heavy Weight Mining Claim, owned by me and with which it is connected by course and distance as above mentioned, and is the same mill-site claim originally located on the 1st. day of January 1893, by Ed. C. Hughes, and recorded on the 9th. day of January 1893 in Book 1 Mill Sites at page 711 in the office of the Recorder of Pima County.

This further and amended certificate of location is made without waiver to any previously acquired rights, but for the purpose of correcting any errors in the original location, description or record.

Witness my hand and seal this 19th. day of June A.D. 1899.

James B. Seager.

Copy.

HEAVY WEIGHT MILL SITE.

Location Notice. Notice is hereby given, that in compliance with the requirements of the mining Act of Congress approved May 10 1872 has this day located and claims 600 linear feet along the course of this canyon and 225 feet in width on each side of the middle of this initial monument, situated in the Helvetia Mining District, County of Pima Arizona, and more particularly described as follows, to wit. Commencing at the initial monument, Thence 300 easterly to this monument of stones, being the center of the easterly end of claim. Thence northerly 225 feet to monument of stone, thence westerly 600 feet to a monument of stones, thence southerly 225 feet to monument of stones, being the center of westerly end of claim; thence southerly 225 feet to a monument of stones, thence easterly 600 feet to a monument of stones; thence northerly 225 feet to place of beginning. This claim is situated on the western slope of the Santa Rita Mountains about 1/2 mile southerly of the Omega Mine Smelter, and shall be known as the Heavy Weight Mill Site. Located this 1st. day of January 1893.

Witness

Locator

T.H.Lavery.

Ed. C. Hughes.

(Endorsed.) "Heavy Weight Mill Site.

Territory of Arizona,)

)ss.

County of Pima.) I hereby certify that the within instrument was filed and recorded at the request of E.C.Hughes Jany 9 A.D.1893 at 9 a.m. in Book 1 Mill Sites at page 711. Witness my hand and official seal the day and year aforesaid.

Chas. A. Shibell,

(SEAL.)

County Recorder."

Territory of Arizona,)

)ss.

Pima County.)

I do hereby certify that the annexed is a true copy of the original.

Tucson, A.T.

(10 cent Int.

Chas A. Shibell

July 7-/99.

Rev.Stamp)

County Recorder.

(SEAL.)

Surveyor General's Certificate of Approval of Field Notes and Survey of Mining Claim.

Department of the Interior,

Office of U. S. Surveyor General,

Tucson, Arizona

Oct. 21st, 1899.

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

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of *the Heluetia Copper Company*,

....., known as the *appears in list attached hereto, (following)* situate in *Heluetia* mining district,

Pima County, *Arizona*,

in Section *—*, Township No. *18 S.*, Range No. *15 E. approx.*

(unsurveyed), designated as Survey No. *1388-A + B.*

executed by *George J. Roskrugs*, U. S. Deputy Mineral

Surveyor, *July 18 - Oct. 25*, 1899, under my instructions dated

July 17" , 1899, have been critically examined and the

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

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

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

George Christ

U. S. Surveyor General for *Arizona*.

Brunswick,
 West End,
 Old Dick,
 Tally Ho,
 Exchange,
 Leader,
 Flying Dutchman,
 Heavy Weight,
 Back Bone,
 Copper World,
 Exchange No. 2,
 Copper Bend,
 Owasco,
 Black Hawk,
 Chance,
 Hattie,
 American,
 Telephone,
 Recorder,
 Silver Spur,
 Elgin,
 Wedge,
 Boston,
 Water Witch,
 Black Horse,
 Grizzly,
 Vulture,
 New Mexico,
 Light Weight,
 Buzzard,
 Telemeter,
 General,
 Slide,
 Dan,
 Isle Royale,
 A. O. T.,
 Indian Club,
 Wisconsin,
 Little Dave,
 Pilot lode claims, and
 Heavy Weight, M S
 Wedge, M S
 Dan, M S
 Telephone, M S
 Old Dick, M S
 Recorder, M S
 American, M S
 Boston and M S
 Elgin Millsite claims.

MAP