

Copied 3-28-1918,

Nov. 27. 1917

A L H

Dec. 4-1917

*Platted*

(4-683.)

Mineral Survey No. 3321

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

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Tungsten Mines Company.

KNOWN AS THE

Tungstein No. 1, Tungsten No. 2, Tungstein No. 3, Tungstein No. 4, Tungsten No. 5.

Tungsten No. 6, Tungsten No. 7, Tungsten No. 8, Tungsten No. 9 and Tungsten No. 10 Lodes

Boner Canyon Mining District,

MoHAVE County, Arizona

Sections 19-20-24, Township 16 1/2 N., Range s 11 and 12 W. Unopp'd.

Surveyed under instructions dated June 26 & Nov. 13, 1916,

by Charles M. Becker,  
U. S. Deputy Mineral Surveyor.

Claim located See location notices, 1

Survey commenced July 20, 1916

Survey completed Dec. 18, 1916

<sup>o 6-180</sup> *Dates of Amended Locations*

Tungsten No. 9 Lode: July 25-1916.

Address of Claimant.

E. S. Clark, Atty.

Prescott,

Arizona,

*July 1, Aug 27 & 28  
see letter 12-13-17*

SUR. No. 3321

Tungstein No. 1 Lode.

Beginning at Cor. No. 1.

Identical with the S.E. Cor. of the Location  
A pine post 4 ft long, 4 ins. square set 2 ft.  
in the ground with mound of earth and  
stone scribed 1-3321 T<sub>1</sub> whence.

The section corner common to sections  
19-20-29-30, T. 16 1/2 N. R. 11 W. of the Bida  
and Salt River Meridian bears N. 38° 41' 06" E.  
604.03 ft.

No other bearings available.

Feet Thence S. 71° 25' W.

1382.95 Intersect line 2-3, Tungstein No. 2 Lode of  
this survey, at S. 15° 18' E. 738.61 ft. from  
Cor. No. 2.

1500 To Cor. No. 2.

Identical with the S.W. Cor.  
of the Location.

A pine post 4 ft long, 4 ins. square, set 18 ins.  
in the ground, with mound of earth  
and stone, blazed and scribed  
2-3321 T<sub>1</sub> whence.

A. cross (X) and B. R. 2-3321 chiseled on  
large granite boulder, projecting 2 ft.  
above the ground, bears N. 6° 09' E. 15.25 ft.

Thence N. 18° 35' W.

300 To West End Center, identical with the West  
End Center of the Location.

A pine post 4 ft long, 4 ins. square, set  
18 ins. in the ground with mound of earth  
and stone, scribed W.E.C. 3321 T<sub>1</sub>

600 To Cor. No. 3.

Identical with the N.W. Cor. of the Location.



A pine post, 4 ft. Long, 4 ins. square set 18 ins. in the ground with mound of earth and stone, scribed 3-3321 T<sub>1</sub>, whence U.S. Mineral Monument No. 3321, bears N. 89° 46' 20" E. 115.81 ft.

A cross (X) and B. R. 3-3321 T<sub>1</sub> chiseled on large granite rock bears N. 70° 55' W. 6.25 ft. Cor. No. 2 Tungsten No. 2 Lode of this survey bears N. 30° 39' E. 210.4 ft.

Thence N. 71° 25' E.

151.47 Intersect Line 2-3, Tungsten No. 2 Lode of this survey, at S. 15° 18' E. 137.62 ft. from Cor. No. 2.

1500 To Cor. No. 4.

Identical with the N. E. Cor. of the location. A pine post, 4 ft. Long, 4 ins. square, set 18 ins. in the ground with mound of earth and stone scribed 4-3321 T<sub>1</sub>.

Thence S. 18° 35' E.

300 To East End Center, identical with the East End Center of the Location. A pine post, 4 ft. Long, 4 ins. square, set 2 ft. in the ground with mound of earth and stone scribed E. E. C. 3321 T<sub>1</sub>.

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

Tungsten No. 2. Lode.

Beginning at Cor. No. 1.

A pine post, 4 ft. Long, 4 ins. square, set 18 ins. in the ground with mound of earth and stone, scribed 1-3321 T<sub>2</sub> whence.

The  $\frac{1}{4}$  Sec. Cor. between Sections 19 and 30, T. 16  $\frac{1}{2}$  N. R. 11 W. of the Gila and Salt River Meridian bears N. 23° 43' 06" W. 632.04 ft.

The N. W. Cor. of the Location bears S. 53° 18' W. 59.63 ft.

Cor. No. 4, Tungstein No. 3 Lode of this Survey  
bears S.  $48^{\circ} 21' E$ . 64.65 ft.

N.E. Cor. Black Beauty Lode unsurveyed,  
E. Blivens et al claimants bears N.  $35^{\circ} 50' W$ . 648.15 ft.

Thence N.  $53^{\circ} 18' E$ .

31.49 Intersect Easterly side line Black Beauty  
Lode unsurveyed, at S.  $38^{\circ} 37' E$ . 648.44 ft. from  
N.E. Cor, and N.  $38^{\circ} 37' W$ . 829.56 ft. from S.E. Cor.

321.06 Intersect line 3-4, Tungstein No. 3 Lode of  
this Survey at N.  $41^{\circ} 41' E$ . 314.45 ft. from Cor  
No. 4.

322.10 North End Center; identical with the N. end  
center of the Location; A granite stone 4x6x24  
ins. long set 1 ft in the ground with mound  
of rock chiseled N.E.C. 3321 T<sub>2</sub>

644.20 To Cor. No. 2

Identical with the N.E. Cor of the Location  
A pine post, 4 ft long, 4 ins square, set 2 ft in  
the ground with mound of earth and stone  
blazed and scribed 2-3321 T<sub>2</sub> whence.

U.S. Mineral Monument. No. 3321 bears.

S.  $2^{\circ} 42' 41'' E$ . 180.74 ft.

Thence S.  $15^{\circ} 18' E$ .

137.62 Intersect line 3-4, Tungstein No. 1 Lode of  
this Survey at N.  $71^{\circ} 25' E$ . 151.47 ft. from Cor. No. 3.

738.61 Intersect line 1-2, Tungstein No. 1 Lode of  
this Survey at N.  $71^{\circ} 25' E$ . 117.05 ft. from Cor No. 2.

1370.5 To Cor. No. 3

A pine post, 4 ft. long 4 ins. square set 2 ft.  
in the ground with mound of earth and  
stone blazed and scribed 3-3321 T<sub>2</sub> whence  
The S.E. Cor. of the Location bears S.  $15^{\circ} 18' E$ . 208.6 ft.  
A cross x, and B.R. 3-3321 T<sub>2</sub> chiseled on face  
of granite cliff bears N.  $72^{\circ} 51' E$ . 10.9 ft.



Thence S.  $53^{\circ}18'W$ .

322.10 South End Center, a granite stone  $4 \times 6 \times 26$  ins, set 12 ins. in the ground with mound of rock, chiseled S.E.C. 3321 T<sub>2</sub> whence the S. End Center of the Location bears S.  $15^{\circ}18'E$ . 105 ft.

644.20 To Cor. No. 4

A pine post 4 ft. long, 4 ins square set 18 ins. in the ground, with mound of earth and stone blazed and scribed 4-3321 T<sub>2</sub> whence the S.W. Cor. of the Location bears S.  $53^{\circ}18'W$ . 4.72 ft.  
A cross (X) and B.R. 4-3321 T<sub>2</sub> chiseled on granite boulder projecting 2 ft. above the ground bears N.  $81^{\circ}09'E$ . 14 ft.

Thence N.  $15^{\circ}18'W$ .

466.06 Intersect Southerly end line Black Beauty Lode unsurveyed, at S.  $51^{\circ}23'W$ . 389.41 ft. from the S.E. Cor. and N.  $51^{\circ}23'E$ . 2.59 ft. from S.W. Cor.

1369.64 Intersect Line 4-1, Tungstein No. 3 Lode of this Survey at N.  $48^{\circ}46'07''W$ . 63.93 ft. from Cor. No. 4.

1370.5 To Cor. No. 1, the place of beginning.

Tungstein No. 3. Lode

Beginning at Cor. No. 1.

Identical with the S.W. Cor of the Location  
A pine post 4 ft long, 4 ins square, set 2 ft. in the ground with mound of earth and stone blazed and scribed 1-3321 T<sub>3</sub>, whence the S.  $\frac{1}{4}$  Cor. Section 19, T.  $16\frac{1}{2}$  N. R. 11 W. of the Gila and Salt River Meridian bears S.  $70^{\circ}01'10''E$ . 739.68 ft. ✓

N.E. Cor. Tungstein Bird Lode unsurveyed, E. Blivens et al claimants bears S.  $59^{\circ}42'E$ . 585.18 ft. ✓

Cor. No. 2, Tungsten No. 9 Lode of this survey bears N. 2° 11' 15" W. 231.32 ft.

Cor. No. 2, Tungsten No. 6 Lode of this survey bears N. 8° 04' 15" E. 347.86 ft.

Thence N. 41° 41' E.

59.67 Intersect line 1-2, Tungsten No. 6 Lode of this survey at <sup>E</sup> End Center N. 1° 45' E. 300 ft. from Cor. No. 1.

157.62 Intersect Northernly side line Tungsten Bird Lode unsurveyed, at N. 44° 07' W. 575.19 ft from N. E. Cor. and S. 44° 07' E. 750.31 ft. from N. W. Cor.

291.00 West End Center, identical with the W. end center of the Location, A granite rock, 4 x 6 x 24 ins, set 12 ins. in the ground with mound of stone, chiseled W. E. C. 3321 T<sub>3</sub>.

302.96 Intersect line 1-2 Tungsten No. 9 Lode of this survey, at S. 88° 40' E. 210.35 ft. from Cor. No. 2.

590 To Cor. No. 2

Identical with the N. W. Cor. of the Location Falls upon a granite cliff, marked by a cross (X) and the letters 3321 T<sub>3</sub>, chiseled on face of rock. thence

Cor. No. 2, Tungsten No. 4 Lode of this survey bears S. 0° 56' W. 216.64 ft.

Cor. No. 2, Tungsten No. 8 Lode of this survey bears S. 81° 46' E. 299.01 ft.

Thence S. 49° 12' E.

25.93 Intersect line 2-3, Tungsten No. 4 Lode of this survey at N. 6° 37' E. 201.00 ft from Cor. No. 2

344.15 Intersect line 1-2, Tungsten No. 9 Lode of this survey, at S. 88° 40' E. 661.88 ft. from Cor. No. 2.

383.69 Intersect line 1-2, Tungsten No. 4 Lode of this survey at S. 83° 13' E. 295.95 ft. from Cor. No. 2.



384.52 Intersect Line 1-2, Tungsten No. 8 Lode of this survey at S. 1°20'W. 208.49 ft. from Cor. No. 2.

799.08 Intersect Line 1-4, Tungsten No. 8 Lode of this survey, at S. 88°40'E. 320.04 ft. from Cor. No. 1

1326.73 To Cor. No. 3

Identical with the N.E. Cor of the Location. A pine post 4 ft. Long, 4 ins square, set 18 ins. in the ground with mound of earth and stone scribed 3-3321 T<sub>3</sub> whence.

U.S. Mineral Monument No. 3321, bears S. 21° 10' 35" E. 215.20 ft.

Cor. No. 2 Tungsten No. 2 Lode of this survey bears S. 73°47'E. 72.08 ft.

Thence S. 41°41'W.

285.65 Intersect Line 1-2, Tungsten No. 2 Lode of this survey at N. 53°18'E. 321.06 ft. from Cor. No. 1.

300.00 East end center, identical with the E. End Center of the Location

A granite rock 4x6x24 ins long, set in a white-washed monument of rock, chiseled E.E.C. 3321 T<sub>3</sub> with cross(x) marking exact point.

579.22 Intersect Easterly side line Black Beauty Lode unsurveyed, at S. 38°37'E. 707.66 ft. from N.E. Cor., and N. 38°37'W. 770.34 ft. from S.E. Cor.

600 To Cor. No. 4.

A pine post, 4 ft Long, 4 ins. square, set 18 ins. in the ground with mound of earth and stone blazed and scribed 4-3321 T<sub>3</sub> whence

The S.W. Cor. of the Location bears S. 17°23'W. 89.61 ft.

Thence N. 48°46'07"W.

63.93 Intersect line 4-1, Tungsten No. 2 Lode of this survey at S. 15°18'E. 0.86 ft. from Cor. No. 1.

722.48 Intersect N. End Line Black Beauty Lode unsurveyed, at S. 51°23'W. 147.83 ft. from N.E. Cor. and N. 51°23'E. 244.17 ft. from N.W. Cor.

760.94 Intersect Southerly End Line Tungsten Bird Lode  
unsurveyed, at S.  $45^{\circ}49'W$ . 111.32 ft. from N.E. Cor.  
and N.  $45^{\circ}49'E$ . 488.68 ft. from S.E. Cor.

1276.98 Intersect Line 1-2, Tungsten No. 6 Lode of this  
Survey at N.  $10^{\circ}45'E$ . 222.69 ft. from Cor. No. 1.

1326.60 To Cor. No. 1 the place of beginning.

### Tungsten No. 4 Lode.

Beginning at Cor. No. 1

Identical with the S.E. Cor of the Location

A pine post 4 ft long 4 ins. square set 2 ft.  
in the ground with mound of earth and stone  
blazed and scribed 1-3321 T<sub>4</sub> whence.

The S.  $\frac{1}{4}$  Cor. Sec. 19, T.  $16\frac{1}{2}N$ . R. 11 W. of the Bida  
and Salt River Meridian bears S.  $35^{\circ}24'00''W$ . 500.11 ft.

U.S. Mineral Monument No. 3321 bears S.  $32^{\circ}03'$   
 $22''E$ . 922.47 ft.

Cor. No. 1, Tungsten No. 8 Lode, of this Survey brs.  
S.  $53^{\circ}21'W$ . 383.62 ft.

Cor. No. 1, Tungsten No. 9 Lode of this Survey  
bears N.  $85^{\circ}10'E$ . 495.09 ft.

Thence N.  $83^{\circ}23'W$ .

300. South End Center, identical with South End  
Center of the Location. A pine post 4 ft. long,  
4 ins square set 18 ins. in the ground with  
mound of earth and stone scribed S.E.C. 3321 T<sub>4</sub>.

303.65 Intersect Line 1-2, Tungsten No. 8 Lode of this  
Survey at S.  $10^{\circ}20'W$ . 207.95 ft. from Cor. No. 2

304.05 Intersect Line 2-3, Tungsten No. 3 Lode of this  
Survey at S.  $49^{\circ}12'E$ . 383.69 ft. from Cor No. 2.

577.57 Intersect Line 1-2, Tungsten No. 9 Lode of this  
Survey at N.  $88^{\circ}40'W$ . 1067.34 ft. from Cor. No. 1.

600 To Cor. No. 2.

Identical with the S.W. Cor of the Location



A pine post 4 ft. Long, 4 ins square, set 2 ft. in the ground with mound of earth and stone blazed and scribed 2-3321 T<sub>4</sub>.

Thence N. 6° 37' E.

201.00 Intersect Line 2-3, Tungsten No. 3 Lode of this Survey at S. 49° 12' E. 25.93 ft from Cor. No. 2.

600.49 Intersect Line 3-4, Tungsten No. 9 Lode of this Survey at S. 88° 40' E. 453.11 ft. from Cor. No. 3.

1439.5 To Cor. No. 3.

Identical with the N.V. Cor. of the Location.

A pine post, 4 ft Long, 4 ins, square, set 2 ft. in the ground with mound of earth and stone scribed 3-3321 T<sub>4</sub>.

Thence S. 83° 23' E.

300 North End Center, identical with the North End Center of the Location, a pine post 4 ft. Long, 4 ins square set 2 ft. in the ground with mound of earth and stone scribed N.E.C. 3321 T<sub>4</sub>.

600 To Cor. No. 4.

Identical with the N.E. Cor. of the Location.

A pine post, 4 ft Long 4 ins square, set 18 ins. in the ground with mound of earth and stone scribed 4-3321 T<sub>4</sub>. thence

A cross (x) and B.R. 4-3321 T<sub>4</sub> chiseled on large granite boulder bears N. 24° 31' W. 15.62 ft.

Thence S. 6° 37' W.

783.53 Intersect Line 3-4, Tungsten No. 9 Lode of this Survey at S. 88° 40' E. 1055.67 ft. from Cor. No. 3.

1202.58 Intersect Line 2-3, Tungsten No. 8 Lode of this Survey at S. 88° 40' E. 324.18 ft. from Cor. No. 2<sup>(2)</sup>

1386.08 Intersect Line 5-2, Tungsten No. 9 Lode of this Survey at N. 88° 40' W. 487.31 ft. from Cor. No. 1

1439.5 To Cor. No. 1, the place of beginning.

Tungston No. 5 Lode.

Beginning at Cor. No. 1.

Identical with the S. E. Cor. of the Location.

A pine post, 4 ft. long, 4 ins. square, set 2 ft. in the ground with mound of earth and stone scribed, 1-3321 T<sub>5</sub> whence

The Section Cor. Common to Sections 24-19-25-30, T. 16 1/2 N. R. 5. 11 and 12 W. of the Gila and Salt River Meridian bears N. 87° 34' 48" W. 814.43 ft.

U.S. Mineral Monument No. 3321, bears S. 82° 14' 33" E. 2464.71 ft.

Thence N. 83° 17' W.

717.45 Intersect Southerly Side Line Mother Lode Extension Lode unsurveyed H. B. Imus et al claimants at. S. 61° 04' E. 115.54 ft. from S.W. Cor. and N. 61° 04' W. 1296.46 ft. from S. E. Cor. N.W. Cor. said Mother Lode Extension bears N. 28° 56' E. 570 ft. from S.W. Cor. thereof, and intersection of West end line said Mother Lode Extension with West end Line of Mother Lode unsurveyed bears N. 28° 56' E. 265.30 ft. from the S.W. Cor. said Mother Lode Extension.

1500 To Cor. No. 2.

A pine post, 4 ft. long, 4 ins. square, set 2 ft. in the ground with mound of earth and stone, scribed 2-3321 T<sub>5</sub> whence.

S.W. Cor. of the Location bears S. 81° 30' W. 33.90 ft.

A cross (X) and B.R. 2-3321 T<sub>5</sub> chiseled on large granite boulder, bears N. 34° 03' E. 6.52 ft.

Thence N. 6° 43' E.

300 West End Center, a granite rock 4 x 8 x 2 ins. set 12 ins. in the ground with mound of rock, chiseled W.E.C. 3321 T<sub>5</sub> with cross (X) marking exact point, whence.

The West End Center of the Location bears N. 83° 17' W. 39.33 ft.

600 To Cor. No. 3.

Identical with the N.W. Cor. of the Location.

A pine post 4 ft long, 4 ins square, set 2 ft. in the ground with mound of earth and stone, scribed. 3-3321 T<sub>5</sub>.

Thence S. 83° 17' E.

843.13 Intersect line 1-2, Tungston No. 7 Lode of this survey, at N. 90° 44' E. 16.68 ft. from Cor. No. 1.

1077.74 Intersect North Side Line Mother Lode unsurveyed, H. B. Imus, et al.



Claimants at S.  $84^{\circ}38' E$ . 305.47 ft. from N.W. Cor. and  
N.  $84^{\circ}38' W$ . 1096.53 ft. from N.E. Cor.

- 1491.19 Intersect Line 3-4, Tungston No. 6 Lode of this  
survey, at S.  $10^{\circ}45' W$ . 70.90 ft. from Cor. No. 3.  
1500 To Cor. No. 4.

Identical with the N.E. Cor. of the  
Location.

A pine post, 4 ft. long, 4 ins square, set 2 ft.  
in the ground with mound of earth and stone  
scribed. 4-3321 T<sub>5</sub> whence.

The N.W. Cor. Mother Lode unsurveyed, bears  
N.  $83^{\circ}51' W$ . 727.68 ft.

N.W. Cor. Mother Lode Extension, bears N.  $85^{\circ}58' W$ .  
609.86 ft.

Thence S.  $6^{\circ}43' W$ .

- 46.90 Intersect Line 1-4, Tungston No. 7 Lode of this survey  
at S.  $80^{\circ}39' E$ . 658.44 ft. from Cor. No. 1.

- 101.39 Intersect Line 3-4, Tungston No. 6 Lode of this  
survey, at S.  $10^{\circ}45' W$ . 172.68 ft. from Cor. No. 3.

- 277.36 Intersect North Side Line Mother Lode Extension  
Lode, unsurveyed, at S.  $61^{\circ}04' E$ . 658.04 ft. from N.W. Cor.  
and N.  $61^{\circ}04' W$ . 753.96 ft. from N.E. Cor.

- 300 East End Center; identical with East End Center  
of the Location, a granite rock 4x6x28 ins. set 12 ins.  
in the ground with mound of rock chiseled E.E.C. 3321 T<sub>5</sub>.

- 582.18 Intersect South Side Line Mother Lode unsur-  
veyed, at S.  $84^{\circ}38' E$ . 720.95 ft. from S.W. Cor.  
and N.  $84^{\circ}38' W$ . 681.05 ft. from S.E. Cor., N.W.  
Cor. said Mother Lode, <sup>bears</sup> N.  $6^{\circ}03' E$ . 592 ft. from S.W.  
Cor. thereof, and intersection of West End Line said  
Mother Lode, with West end line of the Mother Lode  
Extension bears N.  $6^{\circ}03' E$ . 288.58 ft. from the S.W. Cor. said  
Mother Lode.

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

Tungsten No. 6 Lode.

Beginning at Cor No. 1.

A pine post 4 ft long, 4 ins. square, set 18 ins. in the ground with mound of earth and stone scribed 1-3321 T<sub>6</sub> whence.

The S. 1/4 Cor. Sec. 19, T 16 1/2 N. R. 11 W. of the Bita and Salt River Meridian bears N. 89° 46' 52" E. 664.71 ft.

U.S. Mineral Monument No. 3321, bears S. 75° 34' E. 1491.00 ft.

S.E. Cor. of the Location bears S. 88° 15' E. 549.32 ft.

N.E. Cor. Tungsten Bird Lode, unsurveyed bears S. 85° 12' E. 476.59 ft.

Thence N. 1045' E.

222.69 Intersect line 4-1, Tungsten No. 3 Lode of this Survey at S. 48° 46' 07" E. 49.62 ft. from Cor. No. 1.

300 East End Center, a granite stone 4x6x28 ins. set 12 ins. in the ground with mound of rock chiseled E.E.C. 3321 T<sub>6</sub>, with cross (X) marking exact point, also intersect line 1-2, Tungsten No. 3 Lode, of this Survey, at N. 41° 41' E. 59.67 ft. from Cor. No. 1. whence. East End Center of the Location bears S. 88° 15' E. 549.32 ft.

436.37 Intersect North Side line Tungsten Bird Lode unsurveyed, at N. 44° 07' W. 663.09 ft. from N.E. Cor. and S. 44° 07' E. 662.41 ft. from N.W. Cor.

485.29 Intersect line 1-2, Tungsten No. 9 Lode of this Survey at S. 88° 40' E. 54.29 ft. from Cor. No. 2.

600 To Cor. No. 2.

A pine post, 4 ft. long, 4 ins square, set 18 ins. in the ground with mound of earth and stone, scribed 2-3321 T<sub>6</sub> whence.

N.E. Cor. of the Location bears S. 88° 15' E. 549.32 ft.

Cor. No. 2 Tungsten No. 9 Lode of this Survey bears S. 27° 00' W. 127.27 ft.

Cor. No. 4, Tungsten No. 7 Lode of this Survey bears



S.  $28^{\circ}15'W$ . 256.59 ft.

Thence N.  $88^{\circ}15'W$ .

55.13 Intersect line 2-3, Tungsten No. 9 Lode of this survey at N.  $1^{\circ}20'E$ . 115.11 ft. from Cor. No. 2.

82.29 Intersect line 3-4, Tungsten No. 7 Lode of this survey at N.  $9^{\circ}44'E$ . 231.88 ft. from Cor. No. 4.

168.66 Intersect northerly side line Tungsten Bird Lode unsurveyed, at N.  $44^{\circ}07'W$ . 898.08 ft. from N.E. Cor., and S.  $44^{\circ}07'E$ . 427.42 from N.W. Cor.

763.51 Intersect westerly end line Tungsten Bird Lode unsurveyed, at S.  $45^{\circ}49'W$ . 414.21 ft. from

N.W. Cor. and N.  $45^{\circ}49'E$ . 185.79 ft. from S.W. Cor. and 36.09 ft. from intersection of said westerly end line with the northerly side line of the Mother lode, unsurveyed.

953.36 To Cor. No. 3.

Identical with N.W. Cor. of the location.

A pine post, 4 ft long, 4 ins square, set 18 ins in the ground, with mound of earth and stone scribed 3-3321 T<sub>6</sub> whence

A. Cross (X) and B. R. 3-3321 T<sub>6</sub> chiseled on large granite boulder bears N.  $40^{\circ}55'E$ . 7.73 ft.

Cor. No. 4, Tungsten No. 5 Lode of this survey bears S.  $5^{\circ}14'E$ . 72.20 ft. ✓

N.W. Cor. Mother Lode unsurveyed bears N.  $89^{\circ}31'W$ . 716.90 ft. ✓

N.W. Cor. Mother Lode Extension Lode unsurveyed bears S.  $87^{\circ}14'W$ . 602.43 ft. ✓

Thence S.  $1^{\circ}45'W$ .

61.15 Intersect northerly side line Mother Lode unsurveyed at S.  $84^{\circ}38'E$ . 718.16 ft. from N.W. Cor.

and N.  $84^{\circ}38'W$ . 683.84 ft. from N.E. Cor., and 123.36 ft from intersection of said northerly side line with westerly end line of Tungsten Bird lode, unsur.

70.90 Intersect line 3-4, Tungsten No. 5 Lode of this survey at N.  $83^{\circ}17'W$ . 8.81 ft. from Cor. No. 4.

117.76 Intersect line 4-1, Tungsten No. 7 Lode of this survey at N.  $80^{\circ}39'W$ . 846.32 ft. from Cor. No. 4.

172.68 Intersect line 4-1, Tungsten No. 5 Lode of this

- Sully. at  $S. 6^{\circ} 43' W.$  101.39 ft. from Cor. No. 4.
- 300 West End Center, identical with West End Center of the Location; a granite stone  $6 \times 8 \times 24$  ins set 12 ins. in the ground with mound of rock, chiseled W.E.C. 3321.  $T_6$ , with cross (X) marking exact point.
- 355.86 Intersect Northerly side line Mother Lode Extension Lode unsurveyed at  $S. 61^{\circ} 04' E.$  675.13 ft. from N.W. Cor., and  $N. 61^{\circ} 04' W.$  736.87 ft from N.E. Cor.
- 600 To Cor. No. 4.  
Identical with S.W. Cor. of the Location.  
A pine post 4 ft. long, 4 ins. square, set 2 ft. in the ground with mound of earth and stone scribed 4-3321  $T_6$
- Thence  $S. 88^{\circ} 15' E$
- 475.39 Intersect Northerly side line Mother Lode Extension Lode unsurveyed, at  $S. 61^{\circ} 04' E.$  1209.54 ft. from N.W. Cor. and  $N. 61^{\circ} 04' W.$  202.46 ft. from N.E. Cor.
- 541.54 Intersect Southerly side line Tungsten Bird Lode unsurveyed at  $N. 44^{\circ} 07' W.$  655.54 ft. from S.E. Cor., and  $S. 44^{\circ} 07' E.$  669.96 ft. from S.W. Cor.
- 645.07 Intersect Easterly End line Mother Lode unsurveyed, at  $N. 6^{\circ} 03' E.$  94.85 ft. from S.E. Cor., and  $S. 6^{\circ} 03' W.$  497.15 ft. from N.E. Cor.
- 953.36 To Cor. No. 1, the place of beginning

### Tungsten No. 7 Lode.

Beginning at Cor. No. 1

A pine post 4 ft. long, 4 ins square, set 2 ft. in the ground with mound of earth and stone, scribed 1-3321  $T_7$  where

The section corner, common to Sections 24-19-25 and 30,  $T. 16 \frac{1}{2} N.$   $R. 11$  and  $12 W.$  of the Gila and Salt River Meridian, bears  $S. 20^{\circ} 11' 26'' W.$  662.66 ft. The S.W. Cor. of the Location bears  $N. 80^{\circ} 39' W.$  122.58 ft.



A. Cross (X) and B.R. 1-3321 T<sub>7</sub>, chiseled on large granite boulder bears S. 83°46' W. 8.6 ft.

The W. 1/4 Cor. Section 19, T. 16 1/2 N. R. 11 W. of the Gila and Salt River Meridian bears N. 6°18'39" W. 2020.65 ft.

N.W. Cor. Mother Lode Extension Lode unsurveyed bears S 69°38' E. 50.28 ft.

N.W. Cor. Mother Lode unsurveyed bears N. 75°36' W. 70.54 ft. ✓

Thence N. 9°44' E.

11.11 Intersect North side Line Mother Lode unsurveyed at S. 84°38' E. 70.51 ft. from N.W. Cor., and N. 84°38' W. 1331.49 ft. from N.E. Cor.

16.68 Intersect Line 3-4, Tungsten No. 5 Lode of this survey at S. 83°17' E. 843.13 ft. from Cor. No. 3.

300 West End Center, a granite stone 4x8x28 ins set 12 ins in the ground with mound of rock, chiseled W.E.C. 3321 T<sub>7</sub>, with cross (X) marking exact point whence W. End Center of Location bears N. 80°16' W. 149 ft.

600 To Cor. No. 2.

A pine post 4 ft long, 4 ins square, set 18 ins in the ground, with mound of earth and stone, scribed 2-3321 T<sub>7</sub> whence

The N.W. Cor. of the Location bears N. 79°30'14" W. 175.8 ft.

Thence S. 79°30'14" E.

1477.69 Intersect Line 2-3, Tungsten No. 9 Lode of this survey at S. 102°0' W. 146.71 ft. from Cor. No. 3.

1500.09 To Cor. No. 3

Identical with N.E. Cor. of the Location

A pine post 4 ft. long 4 ins. square set 18 ins in the ground with mound of earth and stone, scribed 3-3321 T<sub>7</sub> whence

A. Cross (X) and B.R. 3-3321, chiseled on granite rock projecting 2 ft. above the ground bears N. 45°19' W. 9.95 ft.

- Thence  $S. 9^{\circ} 44' W.$
- 151.35 Intersect line 2-3, Tungsten No. 9 Lode of this Survey, at W. End-Center,  $S. 1^{\circ} 20' W.$  300 ft. from Cor. No. 3.
- 280 East End Center.
- Identical with East End Center of the Location.  
A granite rock  $4 \times 8 \times 28$  ins. set 12 ins in the ground with mound of rock, chiseled E.E.C. 3321. T<sub>7</sub>.
- 338.12 Intersect line 2-3, Tungsten No. 6 Lode of this Survey, at  $N. 88^{\circ} 15' W.$  82.29 ft. from Cor. No. 2, and  $S. 88^{\circ} 15' E.$  871.07 ft. from Cor. No. 3.
- 412.60 Intersect North Side Line Tungsten Bird Lode unsurveyed at  $S. 44^{\circ} 07' E.$  533.25 ft. from N.W. Cor.
- 570 To Cor. No. 4.
- Identical with S. E. Cor. of the Location.  
A pine post 4 ft. long, 4 ins. square, set 2 ft. in the ground with mound of earth and stone scribed 4-3321 T<sub>7</sub> whence.
- U.S. Mineral Monument, No. 3321, bears  $S. 64^{\circ} 16' 38" E.$  1717.25 ft.
- Thence  $N. 80^{\circ} 39' W.$
- 165.69 Intersect Easterly End Line Mother Lode, unsurveyed at  $S. 6^{\circ} 03' W.$  103.8 ft. from N.E. Cor.
- 778.52 Intersect Northerly End Line Tungsten Bird Lode unsurveyed, at  $N. 45^{\circ} 49' W.$  9.26 ft. from S.W. Cor. and  $S. 45^{\circ} 49' E.$  590.74 ft. from N.W. Cor.
- 841.56 Intersect Line 4-1, Tungsten No. 5 Lode of this Survey at  $S. 6^{\circ} 43' W.$  46.90 ft. from Cor. No. 4.
- 846.32 Intersect Line 3-4, Tungsten No. 6 Lode of this Survey, at  $S. 1^{\circ} 45' W.$  117.76 ft. from Cor. No. 3.
- 1500 To Cor. No. 1, the place of beginning Tungsten No. 8 Lode.  
Beginning at Cor. No. 1.



Identical with the S.W. Cor. of the Location.

A pine post, 4 ft. Long, 4 ins. square, set 2 ft. in the ground with mound of earth and stone scribed 1-3321 T<sub>8</sub> whence.

The S.  $\frac{1}{4}$  Cor. Sec. 19, T. 16  $\frac{1}{2}$  N. R. 11. W. of the Gila and Salt River Meridian bears S.  $5^{\circ}46'E$ . 179.6 ft. U.S. Mineral Monument No. 3321 bears S.  $55^{\circ}15'43"E$ . 970.24 ft.

Thence N.  $1^{\circ}20'E$ .

263.51 Intersect line 1-2, Tungstein No. 3 Lode of this Survey at S.  $49^{\circ}12'E$ . 384.52 ft. from Cor. No. 2.

264.08 Intersect line 1-2 Tungstein No. 4 Lode of this Survey at N.  $83^{\circ}23'W$ . 303.65 ft. from Cor. No. 1.

289.27 Intersect line 1-2, Tungsten No. 9 Lode of this Survey at N.  $88^{\circ}40'W$ . 794.59 ft. from Cor. No. 1.

300 West End Center, identical with West End Center of the Location; a granite rock 4x6x24 ins; set 12 ins. in the ground with mound of rock, chiseled W.E.C. 3321 T<sub>8</sub>, with Cross (X) marking exact point.

472 To Cor. No. 2.

Identical with N.W. Cor. of the Location.

A pine post, 4 ft. Long, 4 ins. square, set 2 ft. in the ground with mound of earth and stone scribed 2-3321. T<sub>8</sub> whence.

A cross (X), and T.R. 2-3321 T<sub>8</sub>, chiseled on a large granite boulder bears N.  $1^{\circ}20'E$ . 5.92 ft.

Thence S.  $88^{\circ}40'E$ .

324.18 Intersect line 4-1, Tungstein No. 4 Lode of this Survey, at N.  $6^{\circ}37'E$ . 236.92 ft. from Cor. No. 1.

794.59 Intersect lines 4-1 and 2-3, Tungsten No. 9 Lode and Tungsten No. 10 Lode of this Survey, at N.  $1^{\circ}20'E$ . 182.73 ft. from Cors. No. 1-2.

1271.5 To Cor. No. 3.

Identical with the N.E. Cor. of the Location.

A pine post, 4 ft. Long, 4 ins. square, set 2 ft. in the ground with mound of earth and stone scribed 3-3321 T<sub>8</sub> whence.

A cross (x) and T.R. 3-3321 T<sub>8</sub>, chiseled on large granite boulder bears N. 20° 16' E. 19.75 ft.

Thence S. 1° 20' W.

172 East End Center, identical with the East End Center of the Location, a granite rock 4 x 6 x 24 ins., set 12 ins. in the ground with mound of rock, chiseled E.E.C. 3321 T<sub>8</sub>, with cross (x) marking exact point.

182.73 Intersect Line 1-2, Tungsten No. 10 Lode of this survey at S. 88° 40' E. 476.91 ft. from Cor. No. 2.

472 To Cor. No. 4.

Identical with the S.E. Cor. of the Location.

A pine post 4 ft. Long, 4 ins. square, set 2 ft. in the ground with mound of earth and stone scribed 4-3321 T<sub>8</sub>

Thence N. 88° 40' W.

951.46 Intersect Line 2-3, Tungsten No. 3 Lode of this survey, at S. 49° 12' E. 799.08 ft. from Cor. No. 2

1271.5 To Cor. No. 1, the place of beginning.

Tungsten No. 9 Lode.

Beginning at Cor. No. 1.

Identical with the S.E. Cor. of the Location, and with Cor. No. 2, Tungsten No. 10 Lode of this survey.

A pine post, 4 ft. Long, 4 ins. square, set 2 ft. in the ground with mound of earth and stone scribed 1-2-3321 T<sub>9</sub>, whence

The S. 1/4 Cor. Sec. 19, T. 16 1/2 N. R. 11 W. of the Gila and Salt River Meridian bears S. 60° 09' 58" W. 902.76 ft.

U.S. Mineral Monument No. 3321 bears S. 0° 15' 59" W. 823.48 ft.



A. Cross (x), and B.R. 1-2-3321 T<sub>9</sub>-T<sub>10</sub> Chiseled on  
Large granite boulder bears, S. 43° 48' W. 2.35 ft.

Thence N. 88° 40' W.

487.31 Intersect Line 4-1, Tungstein No. 4 Lode of  
this survey at N. 6° 37' E. 53.41 ft. from  
Cor. No. 1.

794.59 Intersect Line 1-2, Tungsten No. 8 Lode of  
this survey at S. 10° 20' W. 182.73 ft. from  
Cor. No. 2.

825.62 Intersect Line 2-3, Tungstein No. 3 Lode of  
this survey at S. 49° 12' E. 344.15 ft. from Cor  
No. 2.

1067.34 Intersect Line 1-2, Tungstein No. 4 Lode of this  
survey, at S. 83° 23' E. 224.3 ft. from Cor. No. 2.

1277.15 Intersect Line 1-2, Tungstein No. 3 Lode of this  
survey at S. 41° 41' W. 287.04 ft. from Cor. No. 2.

1433.21 Intersect Line 1-2, Tungstun No. 6 Lode of this  
survey at S. 1° 45' W. 114.71 ft. from Cor. No. 2.

1483.5 Intersect North side Line, Tungsten Bird Lode  
unsurveyed at, S. 44° 07' E. 592.41 ft. from N.W. Cor.

1487.5 To Cor. No. 2.

Identical with the S.W. Cor. of the Location.

A pine post, 4 ft. Long, 4 ins. square, set 2 ft. in  
the ground with mound of earth and stone  
scribed 2-3321 T<sub>9</sub>.

Thence N. 10° 20' E.

3.94 Intersect North side Line, Tungsten Bird Lode  
unsurveyed, at S. 44° 07' E. 586.80 ft. from N.W. Cor.

115.11 Intersect Line 2-3, Tungstun No. 6 Lode of  
this survey, at N. 88° 15' W. 55.13 ft. from Cor. No. 2.

300 West End Center, identical with West End Center of the location.

Also intersect Line 3-4, Tungstun No. 7 Lode of this  
survey, at S. 9° 44' W. 151.35 ft. from Cor. No. 3.

A pine post 4 ft. Long, 4 ins square, set 2 ft. in the.

ground with mound of earth and stone  
scribed W.E.C. 3321 T<sub>9</sub>.

453.29 Intersect Line 3-4, Tungsten No. 7 Lode of this  
survey, at N. 79° 30' 14" W. 22.4 ft. from Cor. No. 3.

600 To Cor. No. 3.

Identical with the N.W. Cor. of the Location  
A pine post, 4 ft long, 4 ins. square, set  
18 ins. in the ground with mound of earth  
and stone, scribed 3-3321 T<sub>9</sub>.

Thence S. 88° 40' E.

453.11 Intersect Line 2-3, Tungsten No. 4 Lode of  
this survey, at N. 6° 37' E. 600.49 ft. from Cor. No. 2.

1055.67 Intersect Line 4-1, Tungsten No. 4 Lode of this  
survey at N. 6° 37' E. 655.97 ft. from Cor. No. 1.

1487.5 To Cor. No. 4.

Identical with the N.E. Cor. of the Location  
and with Cor. No. 3. Tungsten No. 10 Lode  
of this survey.

A pine post 4 ft. long, 4 ins. square, set 2 ft. in  
the ground with mound of earth and stone  
scribed 4-3-3321 T<sub>9</sub>-T<sub>10</sub> whence.

A. cross (x) and B. R. 4-3, T<sub>9</sub>-T<sub>10</sub> chiseled on  
Large granite boulder bears N. 66° 40' E. 11.8 ft.

Thence S. 102° W.

300 East End Center.

Identical with East End Center of the  
Location and with W. End Center.  
Tungsten No. 10 Lode of this survey.

A. granite rock, 4 x 6 x 28 ins, set in a  
white-washed monument of rock chiseled  
E.E.C. 3321 T<sub>9</sub> on East face, and W.E.C. 3321  
T<sub>10</sub>, on West face.

417.27 Intersect Line 2-3, Tungsten No. 8 Lode of  
this survey at S. 88° 40' E. 794.59 ft. from Cor. No. 2.



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

Tungsten No. 10 Lode.

Beginning at witness Cor. to Cor. No. 1 on line 4-1  
A pine post 4 ft. long, 4 ins. square, set 2 ft. in  
the ground with mound of earth and stone  
scribed W.C. 1-3321 T<sub>10</sub> whence.

The Section Corner common to sections 19-20-29-30,  
T. 16 1/2 N. R. 11 W. of the Gila and Salt River  
Meridian bears S. 41° 44' 43" E. 562.69 ft.

Thence S. 1° 20' W.

11.67 To Cor. No. 1.

Falls in a road and not set; whence  
S.E. Cor. of the Location bears S. 10° 14' E. 60.98 ft.

Thence N. 88° 40' W.

1019.59 Intersect line 3-4, Tungsten No. 8 Lode of this  
Survey, at S. 1° 20' W. 182.73 ft. from Cor. No. 3.

1496.5 To Cor. No. 2.

Identical with S.W. Cor. of the Location and  
with Cor. No. 1 Tungsten No. 9 Lode of this  
survey, heretofore described.

Thence N. 1020' E.

182.73 Intersect line 2-3, Tungsten No. 8 Lode of this  
survey, at N. 88° 40' W. 476.91 ft. from Cor. No. 3.

300 West End Center, identical with West End Center  
of the Location, and with East End Center, Tungsten  
No. 9 Lode of this survey, heretofore described.

600 To Cor. No. 3.

Identical with N.W. Cor. of the Location  
and with Cor. No. 4 Tungsten No. 9 Lode of  
this survey, heretofore described.

Thence S. 88° 40' E.

1496.5 To Cor. No. 4.

A pine post, 4 ft. long, 4 ins. square set 18 ins. in the.

ground, with mound of earth and stone blazed and scribed 4-3321 T<sub>10</sub> whence.

N.E. Cor. of the Location bears N. 80° 54' E. 69.4 ft.

A cross (X) and T.B.R. 4-3321 T<sub>10</sub> chiseled on large granite rock, projecting 2 ft. above the ground bears N. 56° 52' E. 7.36 ft.

Thence S. 1° 20' W.

300 East End Center, a granite stone 4x6x24 ins set 12 ins in the ground with mound of stone chiseled E.E.C. 3321 T<sub>10</sub> whence.

The East End Center of the Location bears.

S. 88° 40' E. 9.3 ft.

588.33 To witness Cor. to Cor. No. 1, the place of beginning

Variation at all corners 14° 45' E.

#### Lode Lines.

As near as may be determined from present developments the veins of the several Locations embraced in this claim extend as follows from their respective discovery points.

Tungsten No. 1 Lode N. 71° 25' E. 1209 ft. and S. 71° 25' W. 291 ft. ✓

Tungsten No. 2 Lode N. 15° 18' W. 79.12 ft. and S. 15° 18' E. 1291.38 ft. ✓

Tungsten No. 3 Lode S. 49° 10' E. 30 ft. and N. 49° 10' W. 1297 ft. ✓

Tungsten No. 4 Lode N. 6° 37' E. 756 ft. and S. 6° 37' W. 683.5 ft. ✓

Tungsten No. 5 Lode S. 83° 17' E. 800 ft. and N. 83° 17' W. 700 ft. ✓

Tungsten No. 6 Lode S. 88° 15' E. 198 ft. and N. 88° 15' W. 755.36 ft. ✓

Tungsten No. 7 Lode S. 80° 16' E. 161 ft. and N. 80° 16' W. 1339 ft. ✓

Tungsten No. 8 Lode S. 88° 40' E. 643 ft. and N. 88° 40' W. 628.5 ft. ✓

Tungsten No. 9 Lode S. 88° 40' E. 103 ft. and N. 88° 40' W. 1384.5 ft. ✓

Tungsten No. 10 Lode S. 88° 40' E. 748 ft. and N. 88° 40' W. 748.5 ft. ✓



Area.

Total Area Tungstein No. 1 Lode. 20.661 acres. ✓

Total Area Tungsten No. 2 Lode. 18.871 acres. ✓

Area in conflict with

Tungstein No. 1 Lode this survey 1.849 acres.

Black Beauty Lode unsurveyed 4.012 "

Total Area Tungstein No. 3 Lode 18.120 " ✓

Area in Conflict with

Tungsten No. 2 Lode this survey 0.234

Black Beauty Lode unsurveyed 1.373.

Black Beauty Lode unsurveyed

exclusive of its conflict with

Tungsten No. 2 Lode of this survey. 1.386

Tungsten Bird Lode unsurveyed 1.758

Total Area Tungstein No. 4 Lode. 19.828 ✓

Area in Conflict with

Tungstein No. 3 Lode this Survey 0.683

Total Area Tungsten No. 5 Lode 20.661 ✓

Area in Conflict with

Molher Lode unsurveyed 9.796

Molher Lode Extension Lode unsurveyed 7.717

Molher Lode Extension Lode unsurveyed

Exclusive of its conflict with

Molher Lode unsurveyed 0.495

Total Area Tungsten No. 6 Lode 13.132 ✓

Area in Conflict with

Tungstein No. 3 Lode of this Survey 0.034

Tungsten No. 5 Lode of this Survey 0.010

Tungsten Bird Lode unsurveyed. 9.206

Tungsten Bird Lode unsurveyed  
 exclusive of its conflict with  
 Tungsten No. 3 Lode this Survey.. 9,172 acs.  
 Mother Lode unsurveyed 7,892 "

Mother Lode unsurveyed  
 exclusive of its conflict with  
 Tungsten No. 6 Lode this Survey 7,881 "

Mother Lode unsurveyed  
 exclusive of its conflict with  
 Tungsten Bird Lode unsurveyed. 3,373 "

Mother Lode unsurveyed  
 exclusive of its conflict with  
 Tungsten No. 5 Lode this Survey and  
 Tungsten Bird Lode unsurveyed. 3,362.

Mother Lode Extension Lode unsurveyed 1,332

Mother Lode Extension Lode unsurveyed  
 exclusive of its conflict with  
 Mother Lode unsurveyed. 0.000 "

Total Area Tungsten No. 7 Lode. 20,144

Area in conflict with  
 Tungsten No. 5 Lode this Survey. 0,479 "  
 Tungsten No. 6 Lode this Survey. 3,429 "

Tungsten No. 6 Lode this survey  
 exclusive of its conflict with  
 Tungsten No. 5 Lode this survey. 3,412 "  
 Tungsten Bird Lode unsurveyed. 5,023 "

Tungsten Bird Lode unsurveyed.  
 exclusive of its conflict with  
 Tungsten No. 6 Lode this Survey. 2,032

Mother Lode unsurveyed. 1,756

Mother Lode unsurveyed  
 exclusive of its conflict with



Tungsten No. 5 Lode this Survey. 1.292 acres ✓

Mother Lode unsurveyed  
exclusive of its conflict with

Tungsten No. 6 Lode this Survey 0.503 " ✓

Mother Lode unsurveyed  
exclusive of its conflict with

Tungsten Bird Lode unsurveyed. 0.634 " ✓

Mother Lode unsurveyed exclusive  
of its conflict with Tungsten No. 5  
and Tungsten No. 6 Lodes this Survey and

Tungsten Bird Lode unsurveyed. 0.061 " ✓

Total Area Tungsten No. 8 Lode 13.777 acres ✓

Area in conflict with

Tungsten No. 3 Lode this Survey 0.968 " ✓

Tungsten No. 4 Lode this Survey 1.599 " ✓

Total Area Tungsten No. 9 Lode 20.489 " ✓

Area in conflict with

Tungsten No. 3 Lode this Survey. 1.134 " ✓

Tungsten No. 4 Lode this Survey. 8.299 " ✓

Tungsten No. 4 Lode this Survey

exclusive of its conflict with

Tungsten No. 3 Lode this Survey. 7.688 " ✓ 7.688

Tungsten No. 6 Lode this Survey 0.144 " ✓

Tungsten No. 7 Lode this Survey. 0.039 " ✓

Tungsten No. 8 Lode this Survey 3.333 " ✓

Tungsten No. 8 Lode this Survey

exclusive of its conflict with

Tungsten No. 4 Lode this Survey. 2.009 " ✓

Tungsten Bird Lode unsurveyed. nominal - 0.000 " ✓

Tungsten Bird Lode unsurveyed

exclusive of its conflict with

Tungsten No. 6 Lode, this Survey. 0.000 " ✓

Total Area Tungsten No. 10 Lode. 20.613 acres ✓

Area in conflict with

Tungsten No. 8 Lode, this Survey. 2.000 " ✓

## Location.

This claim is located in the N.  $\frac{1}{2}$  Section 30  
T. 16  $\frac{1}{2}$  N. R. 11 W. of the Gila and Salt River  
Meridian and the S. E.  $\frac{1}{4}$  Section 24  
and the S  $\frac{1}{2}$  Sec. 19, T 16  $\frac{1}{2}$  N, R. 11 W.  
T. 16  $\frac{1}{2}$  N. R. 12 W. of the Gila and Salt River  
Meridian.

Expenditure of Five Hundred Dollars.

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

## Tungsten No. 1 Lode

- No. 1 Discovery cut, the face of which bears from the  
center of line 4-1 S. 71° 25' W. 1209 ft., 4 x 6 ft  
running N. 70° E. 20 ft. to mouth. Value. \$100<sup>00</sup>
- No. 2. A Tunnel the mouth of which bears from the  
center of line 4-1 S. 63° 30' W. 748.8 ft., 4 x 6 ft.,  
running N. 62° 10' W. 57.75 ft.; thence N. 72° 32' W.  
92.61 ft., thence S. 86° 11' W. 67.50 ft., thence S. 83° 29' W.  
37.76, thence S. 30° 14' W. 24.55 ft., thence S. 78° 56' W.  
30.10 ft., thence N. 84° 09' W. 87.75 ft. to face.  
Value \$4000. Value of  $\frac{1}{4}$  interest credited to this claim, \$591.43
- No. 3 A Tunnel the mouth of which bears from the  
center of line 4-1 S. 63° 37' W. 928.2 ft., 4 x 6 ft.,  
running N. 86° 04' W. 46.00 ft., thence S. 77° 17' W.  
63.49 ft., thence N. 83° 24' W. 48.5 ft. to face.  
Value. \$1500<sup>00</sup>
- No. 4 A Tunnel, the mouth of which bears from the  
center of line 4-1, S. 63° 11' W. 1004 ft., 4 x 6 ft.,  
running N. 80° 22' W. 55.7 ft. to face.  
Value \$500<sup>00</sup>



Tungsten No. 2 Lode

No. 1 The Discovery Cut, the mouth of which bears from the center of line 1-2, S. 15° 18' E. 79.12 ft.

4x6 ft. running N. 70° 00' E. 18 ft. to face Value \$7500.  
An undivided 1/4 interest in improvement No. 2 on the Tungsten No. 1 lode is credited to Tungsten No. 3 this claim, Value \$591.43.

No. 1 Discovery Cut, the face of which bears from the center of line 3-4, N. 49° 10' W. 30 ft., 4x6 ft., running N. 48° 10' W. 20 ft. to mouth. Value. 100<sup>00</sup>

No. 2 A tunnel the mouth of which bears from the center of line 3-4, N. 51° 48' W. 173.4 ft., 4x6 ft., (4x6 ft.) running N. 81° 33' E. 31.00 ft. to face Value. \$300<sup>00</sup>

No. 3 A tunnel, the mouth of which bears from the center of line 3-4, N. 41° 08' W. 183.2 ft., 4x6 ft. running S. 80° 23' E. 37.8 ft., thence S. 41° 57' E. 53.5 ft. to face. Value. \$900<sup>00</sup>

No. 4 A tunnel, the mouth of which bears from the center of line 3-4, N. 33° 36' W. 238.4 ft., 4x6 ft. running N. 89° 26' E. 30.8 ft., thence S. 64° 34' E. 30.00 ft. to face. Value. \$600<sup>00</sup>  
An undivided 1/4 interest in improvement No. 2 on the Tungsten No. 1 lode is credited to Tungsten No. 4. this claim, Value \$591.43.

No. 1 The Discovery cut, the discovery point of which bears from the center of line 3-4, S. 6° 37' W. 756 ft., 4x6 ft., runs N. 89° E. 4<sup>00</sup> ft. to N.E. face; from said discovery point, and S. 87° W. 10 ft.; thence S. 90° W. 30 ft., thence S. 65° W. 15 ft. to S.E. end. Value \$500<sup>00</sup>  
An undivided 1/4 interest in improvement No. 2 on the Tungsten No. 1 lode is credited to this claim, Value \$591.43.

No. 1 The Discovery Cut, the mouth of which bears from the center of line 4-1 N. 83° 17' W. 800 ft., 4x6 ft. running N. 83° 17' W. 45.6 ft. to face. Value. \$500<sup>00</sup>  
An undivided 1/4 interest in improvement No. 2 on the Tungsten No. 1 lode is credited to this claim, Value \$591.43.  
Tungsten No. 6 Lode.

No. 1 The Discovery Cut, the face of which bears from the center of line 1-2 N. 88° 15' W. 198 ft., 4x6 ft.

running N.  $88^{\circ}15'W$ , 12 ft. to mouth. Value.  $\$100.00$

No. 2 A. tunnel, the mouth of which bears from the center of line 1-2, N.  $79^{\circ}06'W$ . 279 ft., 4x6 ft.

running S.  $69^{\circ}47'E$ , 87.5 ft. to face Value.  $\$900.00$

Tungsten No. 7. Lode

No. 1 The discovery shaft, the center of which bears from the center of line 3-4, N.  $80^{\circ}16'W$ . 161 ft. 4x6 ft.

8 ft. deep. Value.  $\$50.00$

No. 2. A pit 6x9x12 ft., which bears from the center

of line 3-4 N.  $80^{\circ}16'W$ . 497.00 ft. Value.  $\$60.00$

An undivided  $\frac{1}{4}$  interest in improvement No. 2 on the Tungstein No. 1 lode is credited to this claim, Value  $\$591.43$

Tungsten No. 8 Lode.

No. 1 The discovery shaft, which bears from the center of line 3-4, N.  $88^{\circ}40'W$ . 643.00 ft. 4x6 ft. 8 ft. deep.

An undivided  $\frac{1}{4}$  interest in improvement No. 2 on the Tungstein No. 1 lode is credited to this claim, Value  $\$591.43$

Tungsten No. 9 Lode.

No. 1 The discovery shaft, which bears from the center of line 4-1, N.  $88^{\circ}40'W$ . 103 ft., 4x6 ft. 10 ft. deep. Value.  $\$50.00$

No. 2. A cut, the mouth of which bears from the center of line

4-1, N.  $88^{\circ}40'W$ . 750 ft. running S.  $88^{\circ}40'E$ . 14 ft. to face. Value  $\$125.00$

An undivided  $\frac{1}{4}$  interest in improvement No. 2 on the Tungstein No. 1 lode is credited to this claim, Value  $\$591.43$ .

Tungsten No. 10.

No. 1. The discovery tunnel, the mouth of which bears from the center of line 4-1, N.  $88^{\circ}40'W$ . 748 ft. running N.  $88^{\circ}40'W$ . 142 ft. to face. Value.  $\$1500.00$

Other Improvements.

A mill, the S.E. Cor. of which, bears from Cor. No. 1 Tungstein No. 1 Lode, S.  $75^{\circ}51'W$ . 526 ft., 40x80 ft. Course of long sides S.  $46^{\circ}56'W$ . The Tungsten Mines Company Claimant.

A Boarding house, the N.E. Cor. of which bears from Cor. No. 1, Tungstein No. 1 Lode, S.  $85^{\circ}03'W$ . 336.5 ft., 20x40 ft., Course of long sides S.  $18^{\circ}54'E$ . and N.  $18^{\circ}54'W$ . The Tungsten Mines Co. Claimant.



An Office building, the N.E. Cor. of which, bears from Cor. No. 1, Tungstein No. 1 Lode S. 79° 27' W. 162.5 ft. 10 x 14 ft., course of long sides S. 31° 48' E. and N. 31° 48' W.

The Tungsten Mines Co. Claimant.

A. Water Tank, 12 ft. in diameter, the center of which bears from Cor. No. 1, Tungstein No. 1 Lode N. 67° 34' W. 237.5 ft., The Tungsten Mines Co. Claimant.

An open cut, the mouth of which is at the center of line 2-3, Tungstein No. 5 Lode, 4 x 6 ft. running S. 80° 00' E. 14 ft. to face, claimant unknown.

An open cut. The West end of which bears from the center of line 2-3, Tungstein No. 5 Lode, S. 87° 59' E. 440 ft. 1 x 2 ft., running S. 69° 21' E. 149.6 ft. to East end claimant unknown.

An open cut, the mouth of which bears from the center of line 2-3, Tungstein No. 5 Lode S. 84° 23' E. 291.3 ft., 4 x 6 ft., running N. 74° W. 150 ft. to face. Claimant unknown.

A. tunnel, the mouth of which bears from the center of line 4-1, Tungstein No. 5 Lode N. 83° 38' W. 656.5 ft., 4 x 6 ft., running N. 81° 05' W. 142 ft. to face, claimant unknown.

A tunnel, the mouth of which bears from the center of line 4-1, Tungstein No. 5 Lode, N. 53° 37' W. 411.9 ft., 4 x 6 ft., running S. 73° 07' E. 70.60 ft. to face claimant unknown.

A. cut, the mouth of which bears from the center of line 4-1, Tungstein No. 5 Lode, N. 60° 08' W. 565.3 ft. 4 x 6 ft., running N. 72° 57' W. 43 ft. to face claimant unknown.

A cut, the mouth of which bears from the center of line 3-4, Tungstein No. 6 Lode, S. 81° 41' E. 410.2 ft., 4 x 6 ft., running N. 68° 35' E. 252 ft. to face. Claimant unknown.

A. Tunnel the mouth of which bears from the center of line 3-4, Tungsten No. 6 Lode S.  $83^{\circ}30'$  E. 487.7 ft., 4x6 ft., running N.  $86^{\circ}55'$  E. 24.6 ft. to face claimant unknown.

A. cut the mouth of which bears from the center of line 1-2. Tungsten No. 6 Lode N.  $45^{\circ}45'$  W. 306.4 ft., 4x6 ft., running N.  $56^{\circ}59'$  E. 16 ft. to face claimant unknown.

A cut the mouth of which bears from the center of line 2-3, Tungsten No. 9 Lode S. 88 E. 235 ft., 4x6 ft., running, N.  $3^{\circ}04'$  E. 14.5 ft. to face, Edgar Smith, claimant.

A shaft, the center of which bears from the center of line 4-1 Tungsten No. 9 Lode N.  $89^{\circ}18'$  W. 241.5 ft., 4x6 ft., 9 ft. deep, Edgar Smith, claimant.

#### Instrument

This survey was made with a Eugene Dietzgen Light Mountain Transit. The Courses were deflected from the True Meridian as determined by direct solar observation.

The distances were measured with 100 ft and 300 ft. steel tapes.

#### Report.

The Lode lines of the several claims embraced in this survey were run directly upon the ground and the several corners established by means of offsets from the center lines. All tie lines were run either directly upon the ground or obtained by traverses submitted in a separate report herewith.

The Corners of the Mother Lode, and other



31

Lode Extension, unsurveyed, are stone monuments.

The corners of the Tungsten Bird and Black Beauty Lodes unsurveyed are pine posts 4 ft. long by 4 in. square.

The Section Corner Common to Sections 19-20-30-29 T. 16 1/2 N. R. 11 W. of the Gila and Salt River Meridian unapproved, is an iron post with brass cap stamped

T 16 1/2 N.  
19 | 20  
30 | 29

The Section Corner Common to Sections 24-19-25 and 30, T. 16 1/2 N. R. 11 W. of the Gila and Salt River Meridian unapproved, is an iron post with brass cap, stamped

T 16 1/2 N.  
R. 11 W. | R. 11 W.  
24 | 19  
25 | 30

The S 1/4 Cor. Section 19, T. 16 1/2 N. R. 11 W. of the Gila and Salt River Meridian unapproved, is an iron post with brass cap stamped

1/4  
19  
30

The W 1/4 Cor. Section 19, T. 16 1/2 N. R. 11 W. of the Gila and Salt River Meridian unapproved, is an iron post with brass cap stamped

1/4  
19

I find the course from the S. E. Cor. Section 19 to the S 1/4 Cor. of said section to be S. 89° 52' W. 2654.02 ft.

I find the course from the S 1/4 Cor. Section 19, to the S. W. Cor. of said section to be S. 89° 50' 09" W. 2476.57 ft.

I find the course from the S. W. Cor. Section 19 to the W 1/4 Cor. of said section to be N. 0° 08' 38" E. 2629.78 ft.

### Common Improvements.

Improvement No. 2, Tungsten No. 1 Lode is a practical and feasible main working tunnel for the Tungsten No. 1 Lode, Tungsten No. 2 Lode, Tungsten No. 3 Lode, Tungsten No. 4 Lode, Tungsten No. 7 Lode, Tungsten No. 8 Lode and Tungsten No. 9 Lode. as by drifting and cross cutting therefrom in different directions towards and under these respective claims, said claims may be advantageously developed and ore extracted therefrom, this improvement is therefore a common improvement for the benefit of each of said claims, and a  $\frac{1}{7}$  undivided interest of the total value of this improvement (\$71,43) is properly accredited to each of said claims.

The general slope of the surface of these claims is from Southeast to Northwest. The tunnel is centrally or advantageously located near the mill, for the economic transportation of the ores from said claims to the mill, and the topography of the country is such, that it is possible to cross cut and drift from this tunnel and intersect the ore bodies lying under each of said claims, but would be of no benefit, to the Tungsten No. 5 Lode, Tungsten No. 6 Lode or Tungsten No. 10 Lode of this survey.



~~Report~~

Establishment of U.S. Mineral Monument No. 3321.

The Survey of the Township in which this claim is located, not being approved, I established a U.S. Mineral Monument which I have designated as U.S. Mineral Monument No. 3321, to which I tied the nearest corners of the respective claims embraced in this survey.

The U.S. Mineral monument is located at the top of the first high hill, above the Tugsten Mining Company's Mill, and consists of a cross (X) and the Letters U.S. M. M. 3321, chiseled on cliff of granite rocks, with a monument of stone, alongside. From said U.S. Mineral Monument No. 3321, a cross (X) and the Letters ~~D. R.~~ U.S. M. M. 3321 chiseled on top of a granite cliff bears N.  $22^{\circ}45'$  E. 20.86 ft, and a cross (X) and the Letters ~~D. R.~~ U.S. M. M. 3321, chiseled on top of granite cliff bears S.  $82^{\circ}32'$  E. 11.88 ft. A prominent cone peak in the Wallapai Range, as far as the eye can see, to the South West, bears S.  $35^{\circ}22'$  W., and a prominent point of rock in the Wallapai Range looking North West, bears N.  $46^{\circ}39'$  W.

The location of said monument is such, that it commands a good view of the surrounding hills and valleys.

34  
1917

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Charles M. Becker

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 Tungsten Mines

Company, Tungsten No 1, Tungsten No 2, Tungsten No 3, Tungsten No 4, Tungsten No 5, Tungsten No 6, Tungsten No 7, Tungsten No 8, Tungsten No 9 and Tungsten No 10 lodes

and showing the respective capacities in which they acted.

George C Lewis, Chairman.  
\_\_\_\_\_, Chairman.  
\_\_\_\_\_, Axman.  
\_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, I, George C. Lewis

do, do solemnly swear that we assisted

Charles M. Becker, United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of Tungsten Mines Company

Tungsten No 1, Tungsten No 2, Tungsten No 3, Tungsten No 4, Tungsten No 5, Tungsten No 6, Tungsten No 7, Tungsten No 8, Tungsten No 9 and Tungsten No 10

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 my knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the United States Surveyor-General for Arizona

George C Lewis, Chairman.  
\_\_\_\_\_, Chairman.  
\_\_\_\_\_, Axman.  
\_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me this 20th

day of September 1916

L M Teale  
Clark Superior Court  
Mohave County, Arizona



JUN 27 1917

(4-686.)

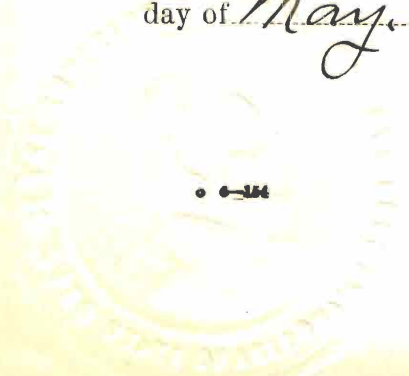
FINAL OATH OF U. S. ~~DEPUTY~~ MINERAL SURVEYOR

I, Charles M. Becker, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated June 26 and Nov. 13, 1916, 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 Tungsten Mines Company known as the Tungsten No. 1, Tungsten No. 2, Tungsten No. 3, Tungsten No. 4, Tungsten No. 5, Tungsten No. 6, Tungsten No. 7, Tungsten No. 8, Tungsten No. 9, and Tungsten No. 10 lodes. situate in Bower Canyon Mining District, Mohave County, Arizona, in Sections 19, 30, 24, Township No. 16 1/2 N, Ranges No. 11 and 12 W unapp'd, and designated as Survey No. 3321, 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.

Charles M. Becker  
U. S. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said Charles M. Becker,  
U. S. ~~Deputy~~ Mineral Surveyor, before me L. M. Teale, Clerk of the  
Superior Court this 2nd  
day of May, 1917

L. M. Teale  
Clerk of the Superior Court.  
Mohave County, Arizona





# NOTICE OF MINING LOCATION

## LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim; the name of which is the Tungstein No 1 Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by

Ed Williams

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

the undersigned, on the 1st day of April 19 09

The length of this claim is 1500 feet, and I claim 1200 hundred feet in a Easterly direction and 300

feet in a Westerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 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 Boner Canyon Mining District, in Mohave County, in the State of Arizona, about 3 miles in a Westerly direction from Oak Springs, and about 2 miles East from Hot Springs on the Sandy formerly known as the X claim owned by W. L. McGee and H. H. Smith and J. H. Pittman, and L. M. Leroy

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

at a point in a Westerly direction 300 hundred feet from the discovery shaft (at which this notice is posted), being in the center of the West end line of said claim; thence 300 feet to a Monument being the South West corner of said claim: thence 1500 hundred feet to a Monument of stone being at the South East corner of said claim; thence 300 feet to a Monument of stone at the center of the East end of said claim; thence 300 feet feet to a Monument of stone being at the North East corner of said claim; thence 1500 feet to a Monument of stone at the North West corner of said claim; thence 300 feet feet to the place of beginning.

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

Dated and posted on the ground, this first day of April 19 09

Ed Williams

Filed and recorded at request of Ed Williams this 3rd day of June 19 09 at 11 o'clock A. M. in Book EE at Page 264.

R. A. Robertson  
County Recorder.  
By Marie Carrow, Deputy.



# NOTICE OF MINING LOCATION

## LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim; the name of which is the Tungsten No 2 Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by

Ed Williams

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

the undersigned, on the 1st day of April 19 09

The length of this claim is 1500 hundred feet, and I claim 1400 hundred feet in a Southerly direction and one hundred feet in a Northerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 hundred feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the North to the South

The claim is situated and located in the Boner Canyon Mining District, in Mohave County, in the Territory of Arizona, about one mile in a Westerly direction from oak springs and about 12 miles East of Hot Springs on Sandy in Aquaris Mts formerly owned by J. H. Pittman and S. M. Leroy

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 one hundred feet from the discovery shaft (at which this notice is posted), being in the center of the Northerly end line of said claim; thence 300 hundred feet to a Monu\_ of stone being the North West corner of said claim: thence 1500 hundred feet to a Monument of stone being at the South West corner of said claim; thence 300 hundred feet to a Monument of stone at the center of the south end of said claim; thence 300 hundred feet to a Monument of stone being at the North East corner of said claim; thence 1500 hundred feet to a Monu\_ of stone at the North West corner of said claim; thence 300 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 to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the ground, this first day of April 19 09

Ed Williams

Filed and recorded at request of Ed Williams this 3rd day of June 19 09 at 11 o'clock A. M. in Book EE at Page 265.

R. A. Robertson

County Recorder.

By Marie Carrow, Deputy.



# NOTICE OF MINING LOCATION

## LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim; the name of which is the Tungstein No 3 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

Ed Williams

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

the undersigned, on the first day of April 19 09

The length of this claim is Fifteen Hundred feet, and I claim 1400 hundred feet in a Northerly direction and one hundred feet in a Southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 hundred feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the North to the south

The claim is situated and located in the Boner Canyon Mining District, in Mohave County, in the Territory of Arizona, about one mile in a Westerly direction from oak springs and about 12 miles in Easterly direction from Hot spring on Sandy located in the Aqrius Range formerly owned by J. H. Pittman and S. M. Leroy, North Extention of Tungstein No 2

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

Monument of stone

at a point in a Southerly direction one hundred feet from the discovery shaft (at which this notice is posted), being in the center of the South end line of said claim; thence 300 hundred feet to a Monument of stone being the South West corner of said claim: thence 1500 hundred feet to a Monument of stone being at the North West corner of said claim; thence 300 hundred feet to a Monument of stone at the center of the North end of said claim; thence 300 hundred feet to a Monument of stone being at the North East corner of said claim; thence 1500 hundred feet to a Monument of stone at the South East corner of said claim; thence 300 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 to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the ground, this first day of April 19 09

Ed Williams

Filed and recorded at request of Ed Williams this 3rd day of June 19 09 at 11 o'clock A. M. in Book EE at Page 266.

R. A. Robertson

County Recorder.

By Marie Carrow, Deputy.



# NOTICE OF MINING LOCATION

## LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim; the name of which is the Tungstein No 4 Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by

Ed Williams

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

the undersigned, on the first day of April 19 09

The length of this claim is 1500 hundred feet, and I 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 Easterly to the South Westerly

The claim is situated and located in the Boner Canyon Mining District, in Mohave County, in the State of Arizona, about one mile

in a Westerly direction from oak springs and about 12 miles

in a Easterly direction from Hot Springs on the Sandy Located on Aquaris Range Formerly owned by W. L. McGee, A. H. Smith J. H. Pittman, S. M. Leroy

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

Monument of stone

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 Easterly end line

of said claim; thence 300 feet to a Monument of stone being the North West corner of said claim: thence 1500 feet

to a Monument of stone being at the South Westerly corner of said claim; thence 300 feet to a Monument of stone at the center

of the South Westerly end of said claim; thence 300 feet to a Monument of stone being at the South Easterly corner of said claim;

thence 1500 feet to a Monument of stone at the North Easterly corner of said claim; thence 300 feet to the place of beginning.

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

Dated and posted on the ground, this First day of April 19 09

Ed Williams

Filed and recorded at request of Ed Williams this 3rd day of June 19 09 at 11 o'clock A. M. in Book EE at Page 267

R. A. Robertson

County Recorder.

By Marie Carrow, Deputy.



# NOTICE OF MINING LOCATION

## LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim; the name of which is the Tungstun No. 5.  
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

E. G. Williams

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

the undersigned, on the First day of November 19 09

The length of this claim is 1500 hundred feet,  
and I claim 750 feet  
in a Easterly direction and 750

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

The claim is situated and located in the Boner Canyon Mining District,  
in Mohave County, in the Territory of Arizona, about 12 miles  
in a Easterly direction from The Hot Springs on the big  
Sandy and about 2 miles Westerly from Oak springs

The surface boundaries of the claim are marked upon the ground as follows: Beginning at  
a Monument of stone at discovery shaft

at a point in a Westerly 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 300 feet to a Monument of Stone  
being the North Westerly corner of said claim: thence 1500 hundred feet  
to a Monument being at the South Westerly corner of said claim;  
thence 300 hindred feet to a Monument at the center  
of the Easterly end of said claim; thence 300 hindred feet  
to a Monument being at the South Easterly corner of said claim;  
thence 1500 hindred feet to a Monument at the North Easterly  
corner of said claim; thence 300 hindred feet to the place of beginning.

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

Dated and posted on the ground, this First day of November 19 09

E. G. Williams

Filed and recorded at request of E. G. Williams this 24th day  
of Jan. 19 10 at 9 o'clock A. M. in Book EE at Page 736.

Ross H. Blakely  
Deputy County Recorder.



# NOTICE OF MINING LOCATION

## LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim; the name of which is the Tungstun No. 6. 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

E. G. Williams

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

the undersigned, on the first day of November 19 09.

The length of this claim is 1500 hundred feet, and I claim seven hundred and fifty feet in a Easterly 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 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 Boner Canyon Mining District, in Mohave County, in the State of Arizona, about 12 Miles in a Easterly direction from the Hot spring on the big Sandy and about 2 miles Westerly from Oak Springs.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a Monument of stone at discovery shaft

at a point in a Westerly 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 300 feet to a Monument of stone being the North West corner of said claim: thence 1500 hundred feet to a Moniment being at the South Westerly corner of said claim; thence 300 hindred feet to a Monument at the center of the Easterly end of said claim; thence 300 feet to a Monument being at the South Easterly corner of said claim; thence 1500 hindred feet to a Monument at the North 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 to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the ground, this First day of November 19 09.

E. G. Williams

Filed and recorded at request of E. G. Williams this 24th day of Jan. 1910 at 9 o'clock A. M. in Book EE at Page 737.

Ross H. Blakely  
Deputy County Recorder.



# NOTICE OF MINING LOCATION

## LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim; the name of which is the Tungstun No. 7.  
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 .....

E. G. Williams

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

the undersigned, on the First day of November 19 09.

The length of this claim is 1500 hundred feet,  
and I claim 1400 hundred feet  
in a Westerly direction and 100 hundred

feet in a Easterly direction  
from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with  
300 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 Boner Canyon Mining District,  
in Mohave County, in the South of Arizona, about 12 Miles  
in a Easterly direction from the Hot springs on the big Sandy  
and about 2 Miles Westerly from Oak springs

The surface boundaries of the claim are marked upon the ground as follows: Beginning at  
a Monunent of stone at discovery shaft

at a point in a Easterly direction 100 hundred feet from  
the discovery shaft (at which this notice is posted), being in the center of the Easterly end line  
of said claim; thence 300 hundred feet to a Monunnt of stone  
being the South East corner of said claim: thence 1500 hundred feet  
to a Monunnt being at the South West corner of said claim;  
thence 300 hundred feet to a Monunent at the center  
of the Westerly end of said claim; thence 300 hundred feet  
to a Monunnt being at the North West corner of said claim;  
thence 1500 hundred feet to a Monunnt at the North Easterly  
corner of said claim; thence 300 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 to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the ground, this First day of November 19 09.

E. G. Williams

Filed and recorded at request of E. G. Williams this 24th day  
of Jan. 19 10 at 9 o'clock A. M. in Book EE at Page 738.

Ross H. Blakely  
Deputy County Recorder.



# NOTICE OF MINING LOCATION

## LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim; the name of which is the Tungsten No. 8.  
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

Ed Williams

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

the undersigned, on the 20 day of May 19 10

The length of this claim is 1500 Hundred feet,  
and I claim 750 feet  
in a Easterly direction and 750  
feet in a Westerly direction  
from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with  
300 feet in width of the surface grounds,  
on each side of the center of said claim. The general course of the lode deposit and premises is from the

East to the West

The claim is situated and located in the Boner Canyon Mining District,  
in Mohave County, in the Territory of Arizona, about 12 Miles  
in a Easterly direction from Hot Springs on the Big Sandy  
and about about 1 1/2 Miles in a Westerly Direction from Oak Springs.

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

at a point in a Westerly direction 750 feet from  
the discovery shaft (at which this notice is posted), being in the center of the West. end line  
of said claim; thence 300 feet to a Monument of stone  
being the North West. corner of said claim: thence 1500 feet  
to a Monument of stone being at the North East corner of said claim;  
thence 300 feet to a Monument of stone at the center  
of the East end of said claim; thence 300 feet  
to a Monument of stone being at the South East corner of said claim;  
thence 1500 feet to a Monument of stone at the South West  
corner of said claim; thence 300 feet to the place of beginning.

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

Dated and posted on the ground, this 20 day of May 19 10.

Ed Williams

Filed and recorded at request of E. G. Williams this 12<sup>th</sup> day

of Aug. 19 10 at 11 o'clock A. M. in Book FF at Page 671.

J. W. Morgan

County Recorder.

By H. L. Robertson, Deputy Recorder.



# NOTICE OF MINING LOCATION

## LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim; the name of which is the **Tungsten No. 10.** 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

**Ed Williams**

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

the undersigned, on the **20** day of **May** 19**10.**

The length of this claim is **1500 Hundred** feet, and **I** claim **Seven hundred and fifty** feet in a **Easterly** 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 **Boner Canyon** Mining District, in **Mohave** County, in the **State** of Arizona, about **12 Miles** in a **Easterly** direction from **The Hot Springs on the Big Sandy** and about **1 1/2 Miles** from **Oak Springs.**

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

at a point in a **Westerly** direction **Seven hundred fifty** feet from the discovery shaft (at which this notice is posted), being in the center of the **West** end line of said claim; thence **three hundred** feet to a **Monument of stone** being the **North West** corner of said claim: thence **Fifteen Hundred** feet to a **Monument of stone** being at the **North East** corner of said claim; thence **three hundred** feet to a **Monument of stone** at the center of the **East** end of said claim; thence **three hundred** feet to a **Monument of stone** being at the **South East** corner of said claim; thence **fifteen hundred** feet to a **Monument of stone** at the **South West** corner of said claim; thence **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 to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the ground, this **20** day of **May** 19**10.**

**Ed Williams**

Filed and recorded at request of **E. G. Williams** this **12<sup>th</sup>** day

of **Aug.** 19**10** at **11** o'clock **A.** M. in Book **FF** at Page **673.**

**J. W. Morgan**

County Recorder.

By **H. L. Robertson, Deputy Recorder.**





STATE OF ARIZONA }  
County of Mohave } ss.

I, ..... **J. W. MORGAN** ....., Recorder of Mohave County, State of Arizona,  
do hereby certify that I have compared the foregoing copy .. **of Amended Notice of Mining**  
**Location of the TUNGSTEN NO. 9 lode mining claim,** .....  
and of the endorsement thereon with the original records of the same on file in this office, and  
that the same are correct transcripts therefrom and of the whole  
of said original records.



WITNESS my hand and the seal of said office this **.8th**....  
day of ... **November** ....., 191**.6**.

..... **J. W. MORGAN,** .....  
Recorder of Mohave County, Arizona.  
By *J. J. Morgan*  
Deputy.



47

AMENDED  
NOTICE OF MINING LOCATION  
LODE CLAIM.

NOV. 13. 1916

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Tungsten No. 9 Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by The Tungsten Mines Co., By Leo Kaufman, Secretary, the undersigned, on the 25th day of July, 1916.

The length of this claim is fifteen hundred (1500) feet and we claim one hundred (100) feet in a South Easterly direction and fourteen hundred (1400) feet in a North Westerly direction from the center of the discovery shaft, at which this notice is posted lengthwise of the claim, together with three hundred (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 South East to the North West.

The claim is situated and located in the Boner Canyon Mining District, in Mohave County, in the State of Arizona, about one half mile in a North Westerly direction from the Mill and Camp of the Tungsten Mines Company.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a whitewashed stone monument at a point in a South Easterly direction 100 feet from the discovery shaft (at which this notice is posted,) being in the center of the Easterly end line of said claim; thence South Westerly 300 feet to a Pine post 4 ft long 4 ins square, being the South East corner of said claim; thence North Westerly 1500 feet to a Pine post 4 ft long 4 ins square, being at the South West corner of said claim; thence North Easterly 300 feet to a stone monument, at the center of the Westerly end of said claim; thence North Easterly 300 feet to a pine post 4 ft long 4 " square, being at the North West corner of said claim; thence South Easterly 1500 feet to a pine post 4 ft long 4" square, at the North East corner of said claim; thence South 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 to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Tungsten No. 9 Lode Mining Claim, located by Ed Williams, on the 20th day of May, 1910, and recorded in Book P.F. of Records of Mines, at page 672, in the office of the County Recorder of the aforesaid County of Mohave, to which reference is hereby made and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground, this 16th day of October, 1916.

(CORPORATE SEAL)

Tungsten Mines Co.,  
Leo Kaufmann, Secretary.

Filed and recorded at request of Charles M. Becker, October 19th, A.D. 1916, at 3 o'clock P.M. Book P.P. of Mines, Pages 768.

J. W. Morgan, County Recorder.  
By J. T. Morgan, Deputy Recorder.



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

April 23, 1918.

I, U. S. Surveyor-General for District of Arizona

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of

TUNGSTEN MINES COMPANY  
Tungstein No. 1, Tungsten No. 2, Tungstein No. 3  
known as the Tungstein No. 4, Tungstun No. 5, Tungstun No. 6, Tungstun  
No. 7, Tungsten No. 8, Tungsten No. 9 and Tungsten No. 10 lodes.  
situate in Boner Canyon

Mining District, Mohave County, Arizona.

in Sections 19-30-24, Township No. 16 1/2 N., Range Nos 11 & 12 W., unapp'd.  
designated as Survey No. 3321, has been correctly copied from the originals on file in

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

And I further certify that five hundred dollars' worth of labor has been expended or improved or for each of  
ments made upon said mining claims by claimant or its grantors, and that said improvements consist of 7 cuts, 8 tunnels, 3 shafts and 1 pit, total value \$11,910.

As improvement No. 2 on the Tungstein No. 1 lode is a common improvement for the benefit and development of the said Tungstein No. 1, the Tungsten No. 2, Tungstein No. 3, Tungstein No. 4, Tungstun No. 7, Tungsten No. 8 and Tungsten No. 9 lodes, an undivided one-seventh interest therein, value \$571.43, is properly credited to each of said claims. The Tungstun No. 5, Tungstun No. 6 and Tungsten No. 10 lodes are not benefited by this improvement.

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix,

Arizona, is correct and in conformity with the foregoing Field Notes.

Frank P. Trott,

United States Surveyor-General for Arizona.



SURVEYOR-GENERAL'S CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM.

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

April 23, 1918

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

Tungsten Mines Company

known as the Tungstein No. 1, Tungsten No. 2, Tungstein No. 3, Tungstein No. 4, Tungstun No. 5, Tungstun No. 6, Tungstun No. 7, Tungsten No. 8, Tungstan No. 9 and Tungsten No. 10 lodes

situate in Boner Canyon mining district,

Mohave County, Arizona.

unapp'd. in Sections 19-30-24, Township No. 16 1/2 N., Range Nos 11&12, W.

designated as Survey No. 3321

executed by Charles M. Becker, United States Mineral

Surveyor, July 20-Dec. 18, 1916, under my instructions dated

June 26 & Nov. 13, 1916, have been critically examined and the necessary cor-

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

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

survey is included in the field notes.

Frank P. Frost

U. S. Surveyor-General for Arizona.