

MINERAL SURVEY No. 3605

Arizona Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

E. Marks, J. Letson and Dr. Francis Shine

KNOWN AS THE

R.A.M.No.1, R.A.M.No.2, R.A.M.No.3, R.A.M.No.4, R.A.M.No.5 Lodes,

Warren Mining District,

Cochise County, Arizona

Section 24 Unapp'd., Township 23 S., Range 23 E. Unapproved, 19 Unapp'd. 23 S. 24 E. G & S R B & M

Surveyed under instructions dated July 23rd, 1919.

by Ralph L. Motz U. S. Mineral Surveyor.

Claim located see location notices attached 19

Survey commenced August 4th, 1919, 19

Survey completed August 9th, 1919, 19

Address of claimant's attorney, Cleon T. Knapp Bisbee, Arizona.

DATES OF AMENDED LOCATIONS.

Feet.	
	Beginning at Cor. No. 1, the S. E. Cor., identical with location, a redwood post 4 ft. long 4 inches square set 18 inches in the ground in a mound of stones and scribed 1-3605 R A M 1, whence the N. W. Cor. of Sec. 30, T. 23 S., R. 24 E., G & S R B & M brs S. 16° 10' E. 2751.7 ft. thence N. 86° 50' W.
845.5	to the northeast and northwest corners of Tully Garly and Laddie lodes, both unsurveyed, respectively,
1500.0	to Cor. No. 2, the S. W. Cor., identical with location and with the southeast corner of Corall lode unsurveyed, a redwood post 4 ft. long 4 inches square set 18 inches in the ground in a mound of stones and scribed 2-3605 R A M 1, whence a limestone ledge with 14 x 54 x 5 inches high exposure chiseled BR x 2-3605 brs S. 23° 45' E. 33.9 ft., and a second limestone ledge with 21 x 115 x 7 inch high exposure with like chiseling brs S. 3° 05' E. 24.6 ft. thence N. 35° 10' E.
353.5	to original location for west end center, being a mound of stones 3 ft. high with a 3 ft. base,
446.0	cross gulch, course <del>southeasterly and</del> northwesterly,
651.0	cross gulch, course <del>northeasterly and</del> southwesterly,
701.0	to Cor. No. 3, the N. W. Cor., identical with location and with Cor. No. 2, the northeast and southeast corners of R. A. M. No. 2 lode of this survey, Corall lode and Star No. 7 lode, unsurveyed, respectively, a redwood post 4 ft. long 4 inches square set 18 inches in the ground in a mound of stones and scribed 3-3605 R A M 1. No bearings available. thence S. 86° 50' E.
96.0	cross gulch, course <del>northeasterly and</del> southwesterly,
1285.0	cross gulch, course <del>northerly and</del> southerly,
1500.0	to Cor. No. 4, the N. E. Cor., identical with location and with Cor. No. 1 R. A. M. No. 2 lode of this survey, a redwood post 4 ft. long 4 inches square set 18 inches in the ground in a mound of stones and scribed 4-3605 R A M 1, whence a limestone rock in place 10 x 12 x 16 inches above ground chiseled BR x 4-3605 brs N. 64° 53' E. 15.5 ft., and a quartzite rock in place 12 x 21 x 8 inches above

Feet.  
 ground with like chiseling brs S. 80° 30' E. 41.8 ft., and  
 the 1/4 Cor. between Sec. 24, T. 23 S., R. 23 E., and Sec.  
 19, T. 23 S., R. 24 E., brs S. 31° 09' E. 691.8 ft.  
 thence S. 35° 10' W.  
 347.5 to original location for east end center, being a mound  
 of stones 3 ft. high with a 3 ft. base,  
 416.6 to the southwest and northwest corners of Bisbee Consolida-  
 ted No. 11 and Fraction, both unsurveyed, respectively,  
 701.0 to Cor. No. 1, the place of the beginning.

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 R. A. M. No. 2.

Beginning at Cor. No. 1, the S. E. Cor., identical with  
 location and with Cor. No. 4, R. A. M. No. 1 lode of this  
 survey heretofore described to which I add 1-3605 R A M 2  
 for this claim. The N. W. Cor. of Sec. 30, T. 23 S., R.  
 24 E. G & S R B & M brs S. 6° 25' 30" E. 3236.4 ft.  
 thence N. 86° 50' W.  
 215.0 along line 4-3 R. A. M. No. 1 lode of this survey, cross  
 gulch, course ~~northerly and southerly,~~  
 1404.0 cross gulch, course ~~northeasterly and southwesterly,~~  
 1500.0 to Cor. No. 2, the S. W. Cor., identical with location and  
 Cor. No. 3 R. A. M. No. 1 lode of this survey heretofore  
 described to which I add 2-3605 R. A. M. 2 for this claim.  
 thence N. 35° 10' E.  
 353.5 to original location for west end center, being a mound of  
 stones 3 ft. high with a 3 ft. base,  
 703.6 to Cor. No. 3, the N. W. Cor., identical with location and  
 with Cor. No. 2 R. A. M. No. 3 lode of this survey, and  
 the northeast and southeast corners of Star No. 7 and  
 Occident lodes, respectively, both unsurveyed, a pine post  
 4 ft. long 4 inches square set 18 inches in the ground in  
 a mound of stones and scribed 3-3605 R A M 2. No bearings  
 available.  
 thence S. 86° 50' E.  
 39.0 cross gulch, course ~~northerly and southerly,~~  
 1398.0 cross gulch, course ~~northeasterly and southwesterly,~~

Feet.

1500.0 to Cor. No. 4, the N. E. Cor., identical with location and with Cor. No. 1 R. A. M. No. 3 lode of this survey, a pine post 4 ft. long 4 inches square set 18 inches in the ground in a mound of stones and scribed 4-3605 R A M 2. No bearings available.

thence S. 35° 10' W.

350.1 to original location for east end center, being a mound of stones 3 ft high with a 3 ft. base,

703.6 to Cor. No. 1, the place of the beginning.

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R. A. M. No. 3.

Beginning at Cor. No. 1, the S. E. Cor., identical with location and with Cor. No. 4 R. A. M. No. 2 lode of this survey heretofore described to which I add 1-3605 R A M 3 for this claim. The N. W. Cor. of Sec. 30, T. 23 S., R 24 E. G & S R B & M brs S. 0° 39' W. 3791.4 ft.

thence N. 86° 50' W.

102.0 along line 4-3 R. A. M. No. 2 lode of this survey, cross gulch, course ~~northwesterly and southerly~~,  
 1461.0 cross gulch, course ~~northerly and southerly~~,  
 1500.0 to Cor. No. 2, the S. W. Cor., identical with location and with Cor. No. 3 R. A. M. No. 2 lode of this survey heretofore described to which I add 2-3605 R A M 3 for this claim.

thence N. 35° 10' E.

353.7 to original location for west end center, being a mound of stones 3 ft. high with a 3 ft. base,

514.4 cross gulch, course ~~northwesterly and southeasterly~~,  
 707.4 to Cor. No. 3, the N. W. Cor., identical with location and with Cor. No. 2 R. A. M. No. 4 lode of this survey, and the northeast and southeast corners of Occident and Creole lodes respectively, both unsurveyed, a redwood post 4 ft. long 4 inches square set 18 inches in the ground in a mound of stones and scribed 3-3605 R A M 3. No bearings available.

thence S. 86° 50' E.

42.0 cross gulch, course ~~northerly and southerly~~,  
 1500.0 to Cor. No. 4, the N. E. Cor., identical with location and

Feet.

with Cor. No. 1, R. A. M. No. 4 lode of this survey and situated on line 2-3 R. A. M. No. 5 lode of this survey, a pine post 4 ft. long 4 inches square set 18 inches in the ground in a mound of stones and scribed 4-3605 R A M 3. No bearings available.

thence S. 35° 10' W.

327.6 to Cor. No. 2 R. A. M. No. 5 lode of this survey and the northwest corner of Bisbee Consolidated No. 11 lode, unsurveyed,

353.7 to original location for east end center, being a mound of stones 3 ft. high with a 3 ft. base,

527.0 cross gulch, course ~~easterly and~~ westerly,

707.4 to Cor. No. 1, the place of the beginning.

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R. A. M. No. 4.

Beginning at Cor. No. 1, the S. E. Cor., identical with location and with Cor. No. 4, R. A. M. No. 3 lode of this survey heretofore described to which I add 1-3605 R A M 4 for this claim. The N. W. Cor. of Sec. 30, T. 23 S., R. 24 E. G & S R B & M brs S. 5° 53' W. 4392.6 ft.

thence N. 86° 50' W.

1458.0 along line 4-3 R. A. M. No. 3 lode of this survey, cross gulch course ~~northerly and~~ southerly,

1500.0 to Cor. No. 2, the S. W. Cor., identical with location and with Cor. No. 3 R. A. M. No. 3 lode of this survey heretofore described to which I add 2-3605 R A M 4 for this claim.

thence N. 35° 10' E.

100.0 cross gulch, course ~~northerly and~~ southerly,

353.5 to original location for west end center, being a mound of stones 3 ft. high with a 3 ft. base,

703.0 to Cor. No. 3, the N. W. Cor., identical with location and with the northeast corner of Creole lode unsurveyed, a red-wood post 4 ft. long 4 inches square set 18 inches in the ground in a mound of stones and scribed 3-3605 R A M 4, whence the Cor. of Secs. 13 and 24, T. 23 S., R. 23 E., and Secs. 18 and 19, T. 23 S., R. 24 E., brs N. 70° 02' E 673.8 ft.

Feet.

thence S. 86° 50' E.

171.5 to the southeast corner of Nob Hill No. 1 lode unsurveyed and Cor. No. 2 Sur. No. 3153 Nob Hill lode,

866.4 to Cor. No. 1 Sur. No. 3153 Nob Hill lode and the southwest corner of Volcanic lode unsurveyed,

1245.0 cross gulch, course ~~northerly and~~ southerly,

1500.0 to Cor. No. 4, the N. E. Cor., identical with location and situated on line 2-3 R. A. M. No. 5 lode of this survey, a pine post 4 ft. long 4 inches square set 18 inches in the ground in a mound of stones and scribed 4-3605 R A M 4, whence a limestone rock in place 12 x 15 x 3 inches above ground chiseled BR x 4-3605 brs N. 14° 06' E. 27.3 ft., and a limestone ledge with 12 x 25 x 7 inch high exposure with like chiseling brs S. 45° 01' E. 30.3 ft.

thence S. 35° 10' W.

349.5 along line 3-2 R. A. M. No. 5 lode of this survey to original location for east end center, being a mound of stones 3 ft. high with a 3 ft. base,

502.0 cross gulch, course ~~northerly and~~ southerly,

703.0 to Cor. No. 1, the place of the beginning.

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R. A. M. No. 5.

Beginning at Cor. No. 1, the S. E. Cor., identical with location and with the northeast corner of Bisbee Consolidated No. 11 lode, unsurveyed, a pine post 4 ft. long 4 inches square set 18 inches in the ground in a mound of stones and scribed 1-3605 R.A M 5, whence a limestone ledge with 20 x 28 x 26 inch high exposure and chiseled BR x 1-3605 brs N. 39° 14' E. 15.6 ft., and a second limestone ledge with 12 x 17 x 70 inch high exposure with like chiseling brs S. 70° 02' W. 9.5 ft., The southwest corner of Bisbee Consolidated No. 13 lode unsurveyed brs N. 1° 39' W. 67.6 ft., and the N. W. Cor. of Sec. 30, T. 23 S., R. 24 E. G & S R B & M brs S. 10° 53' 30" W. 3766.5 ft.

thence N. 48° 09' W.

302.0 to original location for south/end center, being a mound of stones 3 ft. high with a 3 ft. base,

Feet.

547.0 cross gulch, course ~~northeasterly and~~ southwesterly,  
 604.0 to Cor. No. 2, the S. W. Cor., identical with location and  
 with the northwest corner of Bisbee Consolidated No. 11  
 lode unsurveyed and situated on line 4-1 R.A.M. No. 3 lode  
 of this survey, a pine post 4 ft. long 4 inches square set  
 18 inches in the ground in a mound of stones and scribed  
 2-3605 R A M 5, whence a quartzite rock in place 17 x 21  
 x 9 inches above ground chiseled BR x 2-3605 brs S. 83°  
 47' E. 34.1 ft., a porphyry rock in place 16 x 28 x 14  
 inches above ground with like chiseling brs N. 1° 13' E.  
 23.8 ft.

thence N. 35° 10' E.

-327.6 along line 1-4 R. A. M. No. 3 lode of this survey to Cors.  
 No. 4 and 1 of R. A. M. NO. 3 and R. A. M. No. 4 lodes of  
 this survey, respectively,

528.6 along line 1-4 R. A. M. No. 4 lode of this survey, cross  
 gulch, course ~~northerly and~~ southerly,

681.1 to east end center R. A. M. No. 4 lode of this survey,  
 1030.6 to Cor. No. 4 R. A. M. No. 4 lode of this survey, also  
 intersect south end line of Volcanic lode unsurveyed at  
 N. 86° 50' W. 64.2 ft. from the southeast corner,

1092.8 intersect east side line Volcanic lode unsurveyed, and line  
 1-2 Sur. No. 3450 Vesuvius No. 1 lode at N. 27° 30' W 61.3  
 ft. from the southeast corner Volcanic lode unsurveyed, and  
 Cor. No. 1 Sur. No. 3450 Vesuvius No. 1 lode,

1498.5 to Cor. No. 3, the N. W. Cor., identical with location, a  
 pine post 4 ft. long 4 inches square set 18 inches in the  
 ground in a mound of stones and scribed 3-3605 R. A. M.  
 5, whence Cor. No. 1 Sur. No. 3450 Vesuvius No. 1 lode brs  
 S. 28° 01' W. 437.2 ft.

thence S. 48° 09' E.

4.0 to Cor. No. 2 Sur. No. 3543 Bunker Hill lode,  
 64.0 intersect line 3-4 Sur. No. 3450 Vesuvius No. 1 lode at  
 N. 24° W. 309.9 ft. from Cor. No. 4,  
 302.0 to original location for north end center, being a mound  
 of stones 3 ft. high with a 3 ft. base,

Feet.  
604.0 to Cor. No. 4, the N. E. Cor., identical with location and with Cor. No. 1 Sur. No. 3543 Bunker Hill lode and situated on line 3-4 Sur. No. 2094 West Bisbee No. 7 lode a pine post 4 ft. long 4 inches square set 18 inches in the ground in a mound of stones and scribed 4-3605 R A M 5, whence a limestone ledge with 18 x 25 x 3 inches high exposure and chiseled BR. x 4-3605 brs S. 10° 10' E. 9.2 ft. and a second limestone ledge with 16 x 16 x 3 inch high exposure with like chiseling brs N. 47° 32' W 21.1 ft.  
thence S. 35° 30' W.

296.5 along line 3-4 Sur. No. 2094 West Bisbee No. 7 lode to Cors. No. 3 and 4 of Sur. No. 2094 West Bisbee No. 7 and West Bisbee No. 11 lodes, respectively,

846.1 along line 4-3 Sur. No. 2094 West Bisbee No. 11 lode to Cor. No. 5 identical with Cor. No. 3 Sur. No. 2094 West Bisbee No. 11 lode, also intersect north line of Bisbee Consolidated No. 13 lode unsurveyed at S. 52° 37' E. 32.9 ft. from the northwest corner, a pine post 4 ft. long 4 inches square set 18 inches in the ground in a mound of stones and scribed 5-3605 R A M 5. No bearings available.  
thence S. 34° 48' W.

599.3 to the northwest corner of Bisbee Consolidated No. 10 lode unsurveyed, also intersect south line of Bisbee Consolidated No. 13 lode unsurveyed at S. 54° 01' E. 40.2 ft. from the southwest corner. The northwest corner of Bisbee Consolidated No. 13 lode unsurveyed brs N. 35° 30' E. 600.0 ft. from the southwest corner of said lode.

652.9 to Cor. No. 1, the place of the beginning.

#### LEDGES.

R. A. M. No. 1 lode. The presumed course of the vein on this claim is from the east end center N. 86° 50' W. 1500.0 ft.

R. A. M. No. 2 lode. The presumed course of the vein on this claim is from the east end center N. 86° 50' W. 1500.0 ft.

R. A. M. No. 3 lode. The presumed course of the vein on this claim is from the east end center N. 86° 50' W. 1500.0 ft.

R. A. M. No. 4 lode. The presumed course of the vein on this claim is from the east end center N. 86° 50' W. 1500.0 ft.



Feet.

R. A. M. No. 5 lode. The presumed course of the vein on this claim is from the south end center N. 35° 10' E. 1498.5 ft.

## AREAS.

Total and net area of R. A. M. No. 1 lode - - - - 20.471<sup>1</sup>/<sub>2</sub> A.  
 Total and net area of R. A. M. No. 2 lode - - - - 20.547<sup>1</sup>/<sub>2</sub> A.  
 Total and net area of R. A. M. No. 3 lode - - - - 20.658<sup>1</sup>/<sub>2</sub> A.  
 Total and net area of R. A. M. No. 4 lode - - - - 20.530<sup>1</sup>/<sub>2</sub> A.  
 Total area of R. A. M. No. 5 lode - - - - - 20.565<sup>1</sup>/<sub>2</sub> A.

Area in conflict with (No. 1.)

Sur. No. 3450 Vesuvius lode - - - -1.884<sup>1</sup>/<sub>2</sub> A.  
 Bisbee Consolidated No. 13 lode  
 unsurveyed - - - - -0.503<sup>1</sup>/<sub>2</sub> A.  
 Volcanic lode unsurveyed - - - - -0.039<sup>1</sup>/<sub>2</sub> A.

## LOCATION.

This survey is located in Sec. 24, T. 23 S., R. 23 E., unapproved, and Sec. 19, Unapproved, T. 23 S., R. 24 E. G & S R B. & M., in the Warren Mining District, Cochise County, Arizona.

## IMPROVEMENTS.

I hereby certify that the value of the labor and improvements placed upon each claim of this survey by the claimants or their grantors is not less than five hundred dollars and that said improvements consist of:-

## R. A. M. No. 1.

No.1.	Discovery shaft 4 x 6 x 20 ft. deep brs from east end center on lode line 200 ft.	Value	\$160.00
No.2.	Open cut 4 <sup>1</sup> / <sub>2</sub> x 8 x 15 ft. long brg S. 60° E. brs from east end center N. 74° 30' W. 320.0 ft.	Value	\$ 60.00
No.3.	Open cut 4 x 9 x 12 ft. long brg S. 60° E. brs from east end center N. 71° 30' W. 310.0 ft.	Value	\$ 60.00
No.4.	Open cut 4 x (7-8) x 8 ft. long brg S. 60° E. brs from east end center N. 16° 30' W. 220.0 ft.	Value	\$ 50.00
No.5.	Open cut 8 x (5-8) x 8 ft. long brg S 60° E. brs from east end center N. 5° W. 250 ft.	Value	\$ 75.00
No.6.	Shaft 4 x 12 x 9 ft. deep brs from Cor. No. 3 S. 9° 15' E. 65.0 ft.	Value	\$100.00
			<u>\$505.00</u>

## R. A. M. No. 2.

No.1.	Discovery shaft 4 x 6 x 10 ft. deep brs from east end center on lode line 180 ft.	Value	\$ 75.00
No.2.	Open cut 8 x 10 x 16 ft. long brg N. 37° W. brs from location shaft N. 7° 30' E. 165.0 ft.	Value	\$150.00
No.3.	Open cut 8 x 6 x 13 ft. long brg N. 37° W. with shaft in bottom 8 x 13 x 3 ft. deep, the mouth of open cut brs from location shaft N. 16° E. 170.0 ft.	Value	\$150.00

No.4	Open cut 4 x (5-8) x 8 ft. long brg S. 40° E. brs from Cor. No. 2 N. 71° E. 200 ft.	Value \$ 40.00
No.5	Open cut 8 x 9 x 17 ft. long brg S. 25° E. brs from west end center S. 64° E. 180.0 ft.	Value \$110.00
No.6	Open cut 8 x 11 x 13 ft. long brg N. 70° W. brs from west end center N. 45° E. 105.0 ft.	Value \$130.00
No.7.	Open cut 8 x 9 x 11 ft long brg S. 50° E. brs from Cor. No. 3 S. 21° 30' E. 165.0 ft.	Value \$ 75.00
		<u>\$730.00</u>

R. A. M. No. 3.

No.1	Discovery shaft 4 x 6 x 14 ft. deep brs from east end center on lode line 180 ft.	Value \$100.00
No.2	Open cut 7 x 9 x 13 ft. long brg N. 65° E. brs from <del>location</del> shaft N. 43° W. 74.0 ft. discovery	Value \$ 80.00
No.3.	Open cut 9 x 9 x 13 ft. long brg N. 65° E. brs from <del>location</del> shaft N. 37° W. 92.0 ft. discovery	Value \$ 90.00
No.4.	Open cut 7 x 9 x 13 ft. long brg N. 65° E. brs from <del>location</del> shaft N. 30° 30' W. 100.0 ft. discovery	Value \$ 80.00
No.5.	Shaft 4 x 6 x 16 ft. deep brs from <del>location</del> shaft N. 11° 15' W 81.0 ft. discovery	Value \$135.00
No.6.	Open cut 4 x 6 x 8 ft. long brg S. 65° W. brs from Cor. No. 4 N. 87° 10' W 946.0 ft.	Value \$ 35.00
No.7.	Open cut 7x8x10 ft. long with funnel at face 4x6x8 ft. long brg. S. 20° E. the mouth of open cut brs. from west end center on lode line 120ft. Value \$ 125.00	<u>\$645.00</u>

R. A. M. No. 4.

No. 1.	Discovery open cut 4 x 8 x 10 ft. long, with tunnel 4 x 5 x 17 ft. long both brg N. 13° E. face of tunnel brs from east end center on lode line 165.0 ft.	Value \$200.00
No.2.	Open cut 5.x 8 x 11 ft. long brg N. 13° E., the mouth of which brs from east end center S. 84° 40' W. 198.0 ft.	Value \$ 50.00
No.3.	Open cut 8 x 9 x.13 ft. long brg S. 85° W. brs from Cor. No. 4 S. 82° 45' W. 345.0 ft.	Value \$150.00
No.4.	Open cut 4½ x 8 x 15 ft. long with tunnel 4 x 5 x 9 ft. long both brg S. 86° W., the mouth of open cut brs from Cor. No. 4 S. 86° 45' W. 344.0 ft.	Value \$225.00
No.5.	Open cut 5½ x 9 x 14 ft. long with tunnel 4 x 6 x 16 ft. long, both brg S. 86° W, the mouth of open cut brs from Cor. No. 4 N. 87° 50' W. 341.0 ft.	Value \$300.00
		<u>\$925.00</u>

R. A. M. No. 5.

No. 1.	Discovery shaft 4 x 6 x 10 ft. deep brs. from south end center on lode line 500 ft.	Value \$ 75.00
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No.2.	Open cut 4 x 8 x 8 ft. long brg S. 68° E. the mouth of which brs from point on line 2-3 N. 35° 10' E. 478.2 ft. from Cor. No. 2 S. 69° 55' E. 142.0 ft.	Value \$ 35.00
No.3.	Open cut 8 x 10 x 13 ft. long brg S. 68° E., the mouth of which brs from same point S. 78° 20' E. 144.0 ft.	Value \$ 95.00
No.4.	Open cut 6 x 10 x 13 ft. long brg S. 68° E., the mouth of which brs from same point S. 87° E. 155.0 ft.	Value \$ 75.00
No.5.	Open cut 8 x 10 x 13 ft. long brg S. 68° E., the mouth of which brs from same point N. 88° 30' E. 168.0 ft.	Value \$ 95.00
No.6.	Open cut 10 x 10 x 10 ft. long with tunnel at face 3½ x 6 x 15 ft. long, both brg S. 70° E., the mouth of open cut brs from same point N. 84° E. 175.0 ft.	Value \$175.00
		\$550.00

## ADJOINING CLAIMS.

- North. Sur. No. 3543 Bunker Hill lode; Sur. No. 3450 Vesuvius No. 1 lode; Volcanic lode, unsurveyed, owned by Chas. Rambo; Sur. No. 3153 Nob Hill lode; Nob Hill No. 1 lode unsurveyed owned by Chas. Rambo.
- East. Sur. No. 2094 West Bisbee No. 7 lode and West Bisbee No. 11 lode; Bisbee Consolidated No. 10, Bisbee Consolidated No. 11 and Bisbee Consolidated No. 13 lodes, all unsurveyed owned by the Arizona Bisbee Copper Company; unsurveyed fraction, owner unknown.
- South. Tully Garley and Laddie lodes, unsurveyed owned by the Arizona Bisbee Copper Company.
- West. Corall lode, unsurveyed, owned by E. Marks et al; Star No. 7 lode, unsurveyed, owned by Lee Jovanovich and Sam Frankenberg; Occident lode, unsurveyed, owned by Chase. L. Purdy et al; Creola lode, unsurveyed, owned by Chase. L. Purdy et al.

## INSTRUMENT.

This survey was made with a Gurley Light Mountain transit. The courses were deflected from the true meridian as determined in Sur. Nos. 3153, 3450 and 3543. The distances were measured with a 100 and 300 ft. steel tapes. Magnetic variation 12° 30' East at all corners.

## REPORT.

The N. W. Cor. of Sec. 30, T. 23 S., R. 24 E.; is a limestone rock 5½ x 11 x 5 inches above ground, and chiseled II on south face, and IIII on north face.

The Cor. of Secs. 13 and 24, T. 23 S., R. 23 E., and 18 and 19, T. 23 S., R. 24 E. is an iron pipe with copper cap.

The 1/4 Cor. between Secs. 24, T. 23 S., R. 23 E., and 19, T. 23 S., R. 24 E., is an iron pipe with copper cap.

Corners of adjoining surveys are posts properly set and scribed.

Bisbee Consolidated No. 13. All corners are pine posts.

Insert \* page 11

*Ralph L. Mohr*

Dated at Bisbee, Arizona.  
September 12, 1919.

U.S. Mineral Surveyor.

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The southwest corner of Bisbee Consolidated No. 11, the northwest corner of Laddie, and the northeast corner of Tully Carly lodes, all unsurveyed, are pine posts in monuments of stones. All other corners of adjoining unsurveyed claims are identical with patent survey corners which have been described in notes.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Ralph L. Motz  
United States 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

E. Marks, J. Letson and Dr. Francis Shine

known as the R.A.M.No.1, R.A.M.No.2, R.A.M.No.3, R.A.M.No.4, R.A.M.No.5 lodes.  
and showing the respective capacities in which they acted.

- C. O. McGeein ..... , *Chainman.*
- ..... , *Chainman.*
- ..... , *Asman.*
- ..... , *Flagman.*

## FINAL OATHS OF ASSISTANTS.

~~xxx~~ I, C. O. McGeein.....

~~xxx~~....., do solemnly swear that <sup>I</sup>~~we~~ assisted

Ralph L. Motz....., United States Mineral Surveyor, in marking the corners and surveying  
the boundaries of the mining claim of

E. Marks, J. Letson and Dr. Francis Shine

known as the R.A.M.No.1, R.A.M.No.2, R.A.M.No.3, R.A.M.No.4, R.A.M.No.5 lodes.

represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his  
direction; and that said survey has been in all respects, to the best of <sup>my</sup>~~our~~ knowledge and belief, faithfully

and correctly executed, and the corner and boundary monuments established according to law and the instruc-  
tions furnished by the United States Surveyor-General for Arizona

- C. O. McGeein ..... , *Chainman.*
- ..... , *Chainman.*
- ..... , *Asman.*
- ..... , *Flagman.*

Subscribed and sworn to by the above-named persons before me this 12th

day of September, 1919.

J. W. P. [Signature]  
Notary Public in and for the County  
of Cochise, State of Arizona.  
My commission expires February 11, 1920

# FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Ralph L. Motz, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated July 23, 1919, 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 E. Marks, J. Letson and Dr. Francis Shine, known as the R.A.M.No.1, R.A.M.No.2, R.A.M.No.3, R.A.M.No.4, R.A.M.No.5, <sup>located</sup> situate in Warren Mining District, Cochise County, Arizona, in Sections 24 Unsur'd and 19 Unsur'd, Township No. 23 S., Range No. 23 E. G & S R B & M <sup>unmapped</sup> and designated as Survey No. 3605, 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 their 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.

Ralph L. Motz  
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Ralph L. Motz  
U. S. Mineral Surveyor, before me J.W. Ross, Notary Public  
this 12th  
day of September, 1919.

J.W. Ross  
Notary Public in and for the County of  
Cochise, State of Arizona.  
My commission expires February 21, 1920

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

January 20, 1920., 191

I, U. S. Surveyor-General for ARIZONA,

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

E. MARKS, J. LETSON and DR. FRANCIS SHINE, known as the R.A.M.NO.1, R.A.M.NO.2, R.A.M.NO.3, R.A.M.NO.4, R.A.M.NO.5 Lodes situate in WARREN

Mining District, COCHISE County, ARIZONA,

in Section 24, Township No. 23 S., Range No. 23 E., Unapp'd., and 19, Unapp'd., Township No. 23 S., Range No. 24 E.,

designated as Survey No. 3605, has been correctly copied from the originals on file in this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

And I further certify that five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimant or their grantors, and that said improvements consist of 7 shafts, 25 cuts and 5 tunnels. Value \$3355.00.

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.

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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,

January 20, 1920., 191

I, U. S. Surveyor-General for ARIZONA,

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

E. MARKS, J. LETSON and DR. FRANCIS SHINE,

known as the

R.A.M.NO.1, R.A.M.NO.2, R.A.M.NO.3, R.A.M.NO.4, R.A.M.NO.5 Lodes

situate in WARREN mining district,

COCHISE County, ARIZONA,

in Section 24 Unapp'd., Township No. 23 S., 23 E., Unapp'd., 23 S., Range No. 24 E., G. & S.

R. B. & M., designated as Survey No. 3605

executed by Ralph L. Motz, United States Mineral

Surveyor, August 4 - 9, 1919, under my instructions dated

July 23, 1919, 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 D. Trotter

U. S. Surveyor-General for Arizona.



DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

APPLICATION FOR REPAYMENT OF EXCESS OR UNUSED MINING SURVEY DEPOSIT

(UNDER ACT OF FEBRUARY 24, 1909, 35 STAT., 645.)

THE U. S. SURVEYOR GENERAL,

Phoenix, Arizona.

I hereby make application for the repayment of

Eleven dollars and twelve cents (\$11.12)

being the excess or unused mining survey deposit made in connection with my application for official survey of the R. A. M. No. 1, R. A. M. No. 2, R. A. M. No. 3, R. A. M. No. 4, and R. A. M. No. 5 Lodes,

mining claim, mineral survey No. 360E, as per certificate No. 145 issued by the Consolidated National Bank of Tucson, Arizona, July 5, 1919,

in the amount of \$65.00, and on oath declare that I am the identical person who made said payment (or legal representative or duly authorized agent, as evidenced by authorization hereto attached).

(Signature.)

(Post Office address.)

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } ss.

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

OFFICE OF U. S. SURVEYOR GENERAL

I CERTIFY that the foregoing claim is correct as appears from the records of this office.

U. S. Surveyor General.

DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE  
WASHINGTON

Approved for \$\_\_\_\_\_ and forwarded to the Auditor for the Interior Department for settlement.

Commissioner.