

4-683

MINERAL SURVEY No. 4075

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

AMERICAN MERCURY CORPORATION

KNOWN AS THE

Bernice No. 1, M.S.No.1, M.S.No.2, N.L.No.1, N.L.No.2, N.S.No.1, M.S.No.4 and Mercury Sulphide No. 5 lodes.

SUNFLOWER Mining District,

Gila County, Arizona, approximately in

Sections 26, 27 & 34, Township 8 N., Range 9 E., uns.,

Surveyed under instructions dated September 1, 1928.

by Edwin T. Stewart U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced September 1, 1928.

Survey completed September 15, 1928.

Address of claimant's attorneys, Morris & Valott, Globe, Arizona.

DATES OF AMENDED LOCATIONS.

August 25, 1928.

Feet

## MINERAL SURVEY NO. 4075.

## BERNICE No. 1 Lode.

Beginning at Cor. No. 1, identical with N.W. Cor. of the location and Cor. No. 4, M.S. No. 1 lode, this survey.

A standard 2 inch iron pipe, 3 ft. long, with flared base and iron cap to which is riveted a copper disk stamped 1-B.1-4075, with oak post set along side, whence U.S.L.M. No. 4075 bears N. 39°-15'-40"E. 5590.1 ft.

A cross about which is chiseled B.R. 4075 on rhyolite outcrop bears N. 73°-17'E. 22.0 ft.

No other bearings available.

Thence S. 45°-00'E.

Along line 4-3 of said M.S. No. 1 lode:

300.00 To N.E.E.C. monument of the location, identical with S.W. E.C. of said M.S. No. 1 lode, from which the discovery cut and tunnel bears S. 42°-13'W. 468.3 ft.

A 6 inch round oak post, showing 4.5 ft. above the ground, with copper plate stamped N.E.E.C.-B.1-4075 nailed on the side facing this claim.

600.00 To Cor. No. 2, identical with N.E. Cor. of the location and Cor. No. 3 of said M.S. No. 1 lode.

A standard 2 inch iron pipe, 3 ft. long, with flared base and iron cap to which is riveted a copper disk stamped 2-B.1-4075 in the quarter facing this claim, with round oak post set alongside.

No bearings available.

Thence S. 42°-13'W.

457.00 Bed of Cane Creek draining southeasterly.

1486.30 To Cor. No. 3, identical with S.E. Cor. of the location.

A standard 2 inch iron pipe, 3 ft. long, with flared base and iron cap to which is riveted a copper disk stamped 3-B.1-4075 in the quarter facing the claim.

No bearings available.

Thence N. 45°-00'W.

300.00 To S.W.E.C. monument of the location.

- A monument of stone 3 ft. base, 3 ft. high.
- 600.00 To Cor. No. 4, identical with S.W. Cor. of the location.  
A standard 2 inch iron pipe, 3 ft. long, with flared base and iron cap to which is riveted a copper disk, stamped 4-B.1-4075 in the quarter facing the claim, set 18 ins. in the ground, with blazed oak stump alongside, whence  
A 10 inch cypress, blazed and scribed cross B.T. 4075, bears S. 46°-30'W. 44.3 ft.  
No other bearings available.  
Thence N. 42°-13'E.
- 798.00 Bed of Cane Creek, draining southeasterly.
- 1486.30 To Cor. No. 1, the place of beginning.  
M.S. No. 1 Lode.  
Beginning at Cor. No. 1, identical with N.W. Cor. of the location and Cor. No. 4, M.S. No. 2 lode, this survey.  
A standard 2 inch iron pipe, 3 ft. long, with flared base and iron cap to which is riveted a copper disk stamped 1-M.S.1-4075 in the quarter facing this claim, set 18 ins. in the ground, with mound of stone alongside, whence  
U.S.L.M. No. 4075 bears N. 37°-57'-30"E. 4377.0 ft.  
A cross about which is chiseled B.R. 4075 on rhyolite out crop bears N. 78°-35'E. 15.05 ft.  
A cross, about which is chiseled B.R. 4075, on rhyolite outcrop, bears S.08°-25'E. 19.10 ft.  
No other bearings available.  
Thence S.45°-00'E.  
Along line 4-3 of said M.S. No. 2 lode.
- 300.00 To N.E.E.C. monument of the location, identical with S.W. E.C. of said M.S. No. 2 lode, from which the discovery shaft bears S. 43°-57'W. 16.0 ft.  
A mound of stone, 4 ft. base, 3 ft. high.
- 600.00 To Cor. No. 2, identical with N.E. Cor. of the location and Cor. No. 3 of said M.S. No. 2 lode.

A standard 2 inch iron pipe, 3 ft. long, with flared base and iron cap to which is riveted a copper disk stamped 2-M.S.1-4075 in the quarter facing this claim, set 18 ins. in the ground, with mound of stone alongside, whence

A cross, about which is chiseled B.R. 4075, on rhyolite outcrop, bears N. 15°-19'W. 53.9 ft.

No other bearings available.

Thence S. 43°-57'W..

1218.30 To Cor. No. 3, identical with S.E. Cor. of the location and Cor. No. 2, Bernice No. 1 lode, this survey.

An iron pipe, previously described, with copper disk stamped 3-M.S.1 in the quarter facing this claim.

Thence N. 45°-00'W.

Along line 2-1 of said Bernice No. 1 lode.

300.00 To S.W.E.C. monument of the location, identical with N.E. E.C. of said Bernice No. 1 lode.

An oak post previously described, with copper plate stamped S.W.E.C.-M.S.1-4075, nailed on the side facing this claim.

600.00 To Cor. No. 4, identical with S.W. Cor. of the location and Cor. No. 1 of said Bernice No. 1 lode.

An iron pipe, previously described, with copper disk stamped 4-M.S.1 in the quarter facing the claim.

Thence N.43°-57'E.

1218.30 To Cor. No. 1, the place of beginning.

M.S. No. 2 Lode.

Beginning at Cor. No. 1, identical with N.W. Cor. of the location and Cor. No. 4, N.L. No. 1 lode, this survey.

A standard 2 inch iron pipe, 3 ft. long, with flared base and iron cap to which is riveted a copper disk stamped 1-M.S.2-4075 in the quarter facing this claim, set 15 ins. in the ground, on bed rock, with mound of stone alongside, whence

U.S.L.M. No. 4075 bears N.36°-49'-30"E. 2885.9 ft.

A cross, about which is chiseled B.R. 4075, on rhyolite

outcrop, bears S.45°-00'E. 12.70 ft.

No other bearings available.

Thence S.45°-00'E. -

Along line 4-3 of said N.L. No. 1 lode,

300.00 To N.E.E.C. monument of the location, identical with S.W. E.C. of said N.L. No. 1 lode, from which the discovery shaft bears S.40°-09'W. 1481.8 ft.

A monument of stone, 3 ft. base, 3 ft. high.

600.00 To Cor. No. 2, identical with N.E. Cor. of the location and Cor. No. 3 of said N.L. No. 1 lode.

A standard 2 inch iron pipe, 3 ft. long, with flared base and iron cap to which is riveted a copper disk stamped 2-M.S.2-4075 in the quarter facing this claim, set 18 ins. in the ground, with mound of stone alongside, whence

A cross on rhyolite in place, about which is chiseled B.R. 4075, bears N.57°-34'E. 25.65 ft.

No other bearings available.

Thence S.40°-09'W.

1492.80 To Cor. No. 3, identical with S.E. Cor. of the location and Cor. No. 2, M.S. No. 1 lode, this survey.

An iron pipe, previously described, with copper disk stamped 3-M.S.2- in the quarter facing this claim;

Thence N.45°-00'W.

Along line 2-1 of said M.S. No. 1 lode.

300.00 To S.W.E.C. monument of the location, identical with N.E. E.C. of said M.S. No. 1 lode.

A monument of stone previously described.

600.00 To Cor. No. 4, identical with S.W. Cor. of the location and Cor. No. 1 of said M.S. No. 1 lode.

An iron pipe, previously described, with copper disk stamped 4-M.S.2 in the quarter facing this claim.

Thence N.40°-09'E. -

1492.80 To Cor. No. 1, the place of beginning.

N.L. No. 1 Lode.

Beginning at Cor. No. 1, identical with N.W. Cor. of the

location and Cor. No. 4, N.L. No. 2 lode, this survey.  
 A standard 2 inch iron pipe, 3 ft. long, with flared base and iron cap, to which is riveted a copper disk stamped 1-N.L.1-4075 in the quarter facing this claim, set 12 ins. in the ground, on bed rock, with mound of stone alongside, whence

U.S.L.M. No. 4075 bears N.17°-16'-30"E. 1667.2 ft.

A cross on schist outcrop, about which is chiseled B.R. 4075, bears N. 53°-24'W. 10.25 ft.

No other bearings available.

Thence S.45°-00'E.

Along line 4-3 of said N.L. No. 2 lode.

266.00 Bed of Gold Creek draining southwesterly.

300.00 To N.E.E.C. monument of the location, identical with S.W. E.C. of said N.L. No. 2 lode, from which the discovery cut bears S.59°-49'W. 178.0 ft.

A 4 inch round ash post showing 4.5 ft. above the ground with copper plate stamped N.E.E.C.-N.L.1-4075 nailed on the side facing this claim.

600.00 To Cor. No. 2, identical with N.E. Cor. of the location and Cor. No. 3 of said N.L. No. 2 lode.

A standard 2 inch iron pipe, 3 ft. long, with flared base and iron cap to which is riveted a copper disk stamped 2-N.L.1-4075 in the quarter facing this claim, set 18 ins. in the ground, with post set in the ground alongside.  
 No bearings available.

Thence S.59°-49'W.

385.00 Bed of Gold Creek, draining southeasterly.

1428.30 To Cor. No. 3, identical with S.E. Cor. of the location and Cor. No. 2, M.S. No. 2 lode, this survey.

An iron pipe, previously described, with copper disk stamped 3-N.L.1 in the quarter facing this claim.

Thence N.45°-00'W.

Along line 2-1 of said M.S.No. 2 lode.

300.00 To S.W.E.C. monument of the location, identical with

N.E.E.C. of said M.S. No. 2 lode.

A monument of stone previously described.

600.00 To Cor. No. 4, identical with S.W. Cor. of the location and Cor. No. 1 of said M.S. No. 2 lode.

An iron pipe, previously described, with copper disk stamped 4-N.L.1 in the quarter facing this claim.

Thence N.59°-49'E.

1428.30 To Cor. No. 1, the place of beginning.

N.L.No. 2 Lode

Beginning at Cor. No. 1, identical with N.W. Cor. of the location and Cor. No. 1, N.S. No. 1 lode, this survey.

A standard 2 inch iron pipe, 3 ft. long, with flared base and iron cap, to which is riveted a copper disk stamped 1-N.L.2-4075 in the quarter facing this claim, whence

U.S.L.M. No. 4075 bears N. 13°-58'-50"W. 780.8 feet.

A cross on rhyolite outcrop, about which is chiseled B.R. 4075, bears N.21°-01'E. 14.35 feet.

No other bearings available.

Thence S.45°-00'E.

Along line 1-4 of said N.S. No. 1 lode.

300.00 To N.E.E.C. monument of the location, identical with S.W. E.C. of said N.S. No. 1 lode, from which the discovery cut bears S.39°-20'W. 1039.7 feet.

A five inch round oak post, showing 5 feet above the ground with copper plate stamped N.E.E.C.-N.L.2-4075 on the side facing this claim.

600.00 To Cor. No. 2, identical with N.E. Cor. of the location and Cor. No. 4 of said N.S. No. 1 lode.

A standard 2 inch iron pipe, 3ft. long, with flared base and iron cap, to which is riveted a copper disk stamped 2-N.L.2-4075 in the quarter facing this claim, set 18 ins. in the ground, with mound of stone alongside, whence

A cross on rhyolite in place, about which is chiseled B.R. 4075, bears N.84°-49'W. 15.85 feet.

No other bearings available.

Thence S.39°-20'W.

1078.70 To Cor. No. 3, identical with S.E. Cor. of the location and Cor. No. 2, N.L. No. 1 Lode, this survey.

An iron pipe, previously described, with copper disk stamped 3-N.L.2 in the quarter facing this claim.

Thence N.45°-00'W.

Along line 2-1 of said N.L. No. 1 lode.

300.00 To S.W.E.C. monument of the location, identical with N.E. E.C. of said N.L. No. 1 lode.

An ash post, previously described, with copper disk stamped S.W.E.C.-N.L.2-4075 nailed on the northeast side.

334.00 Bed of Gold Creek, draining southwesterly.

600.00 To Cor. No.4, identical with S.W. Cor. of the location and Cor. No. 1 of said N.L. No. 1 lode.

An iron pipe, previously described, with copper disk stamped 4-N.L.2 in the quarter facing this claim.

Thence N.39°-20'E.

97.00 Bed of Gold Creek, draining easterly.

1078.70 To Cor. No. 1, the place of beginning.

N.S. No. 1 Lode.

Beginning at Cor. No. 1, identical with S.W. Cor. of the location and Cor. No. 1, N.L. No. 2 lode, this survey.

An iron pipe, previously described, with copper disk stamped 1-N.S.1 in the quarter facing this claim, whence,

U.S.L.M. No. 4075 bears N. 13°-58'50"W. 780.8 feet.

Thence N.36°-31'E.

1140.80 To Cor. No. 2, identical with N.W. Cor. of the location, and Cor. No. 1, M.S. No. 4 lode, -this survey.

A standard 2 inch iron pipe, 3 ft. long, with flared base and iron cap to which is riveted a copper disk stamped 2-N.S.1-4075 in the quarter facing this claim, set 18 ins. in the ground, with post set in the ground



alongside, whence

A cross, about which is chiseled B.R. 4075, on rhyolite outcrop, bears N.72°-03'E. 13.40 ft.

No other bearings available.

Thence S.45°-00'E.

Along line 1-4 of said M.S. No. 4 lode.

300.00 To N.E.E.C. monument of the location, identical with S.W. E.C. of said M.S. No. 4 lode, from which the discovery cut and tunnel bears S.36°-31'W.47.0 ft.

A pine post, 4 ins. square, showing 3 feet out of the ground, with copper disk stamped N.E.E.C.-N.S.1-4075 nailed on the side facing this claim.

600.00 To Cor. No. 3, identical with N.E. Cor. of the location and Cor. No. 4, of said M.S. No. 4 lode.

This corner falls on the northeast face of a rhyolite outcrop where a corner can not be set, so I chiseled a cross for the exact corner point and 3-N.S.1-4075 about it, and build a monument of stone alongside.

No bearings available.

Thence S.36°-31'W.

1140.80 To Cor. No. 4, identical with S.E. Cor. of the location, and Cor. No. 2, N.L. No. 2 lode, this survey.

An iron pipe, previously described, with copper disk stamped 4-N.S.1 in the quarter facing this claim.

Thence N.45°-00'W.

Along line 2-1 of said N.L. No. 2 lode.

300.00 To S.W.E.C. monument of the location, identical with N.E. E.C. of said N.L. No. 2 lode.

An oak post, previously described, with copper plate stamped S.W.E.C.-N.S.1-4075 nailed on the side facing this claim.

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

M.S. No. 4 Lode.

Beginning at Cor. No. 1, identical with S.W. Cor. of the location and Cor. No. 2, N.S. No. 1 lode, this survey.

An iron pipe, previously described, with copper disk

stamped 1-M.S.4 in the quarter facing this claim whence  
U.S.L.M. No. 4075 bears S. 79°-36'-10"W. 882.0 feet.

Thence N. 54°-37'E.

1038.00 Bed of Box Springs Canyon, draining easterly.

1222.80 To Cor. No. 2, identical with N.W. Cor. of the location  
and Cor. No. 1, Mercury Sulphide No. 5 lode, this survey.

A standard 2 inch iron pipe, 3 ft. long, with flared  
base and iron cap, to which is riveted a copper disk  
stamped 2-M.S.4-4075 in the quarter facing this claim,  
set 16 ins, in the ground, on bed rock, with mound of  
stone alongside, whence

A cross on rhyolite in place, about which is chiseled  
B.R. 4075, bears N.20°-45'W. 5.93 ft.

No other bearings available.

Thence S.45°-00'E.

Along line 1-4 of said Mercury Sulphide No. 5 lode.

91.00 Bed of Box Springs Canyon, draining easterly.

300.00 To N.E.E.C. monument of the location, identical with S.W.  
E.C. of said Mercury Sulphide No. 5 lode, from which the  
discovery cut and tunnel bears S.54°-37'W. 10.0 ft.

A pine post, 4 ins, square showing 3 ft. above the ground,  
with copper plate stamped N.E.E.C.-M.S.4-4075 nailed on  
the side facing this claim.

.600.00 To Cor. No. 3, identical with N.E. Cor. of the location  
and Cor. No. 4, Mercury Sulphide No. 5 lode, this survey.

A standard 2 inch iron pipe, 3 ft. long, with flared  
base and iron cap, to which is riveted a copper disk  
stamped 3-M.S.4-4075 in the quarter facing this claim,  
set 18 ins. in the ground, with mound of stone alongside,  
whence

A cross on rhyolite outcrop, about which is chiseled B.R.  
4075, bears N.24°-40'E. 17.40 ft.

No other bearings available.

Thence S. 54°-37'W.

1222.80 To Cor. No. 4, identical with S.E. Cor. of the location  
and Cor. No. 3, N.S. No. 1 lode, this survey.

A cross on rhyolite outcrop, previously described, about which is chiseled 4-M.S.4 for this claim.

Thence N.45°-00'W.

Along line 3-2 of said N.S. No. 1 lode.

300.00 To S.W.E.C. monument of the location, identical with N.E. E.C. of said N.S. No. 1 lode.

A pine post, previously described, with copper plate stamped S.W.E.C.-M.S.4-4075 nailed on the side facing this claim.

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

MERCURY SULPHIDE NO. 5 Lode.

Beginning at Cor. No. 1, identical with S.W. Cor. of the location and Cor. No. 2, M.S. No. 4 lode, this survey.

An iron pipe, previously described, with copper disk stamped 1-M.S.5 in the quarter facing this claim, whence U.S.L.M. No. 4075 bears S.65°-03'-10"W. 2056.3 ft.

Thence N.39°-48'E.

1498.90 To Cor. No. 2, identical with N.W. Cor. of the location.

A standard 2 inch iron pipe, 3 ft. long, with flared base and iron cap to which is riveted a copper disk stamped 2-M.S.5-4075 in the quarter facing the claim, set 14 ins. in the ground, on bed rock, with mound of stone alongside, whence

A cross on rhyolite outcrop, about which is chiseled B.R. 4075, bears N. 45°-00'W. 30.6 ft.

No other bearings available.

Thence S.45°-00'E.

300.00 To N.E.E.C. monument of the location, from which the discovery cut bears S. 39°-48'W. 898.9 ft.

A 4½ inch round pinon post, showing 4½ feet out of the ground, with copper plate stamped N.E.E.C.-M.S.5-4075 nailed on the side facing the claim.

600.00 To Cor. No. 3, identical with N.E. Cor. of the location.

A standard 2 inch iron pipe, 3 ft. long, with flared base and iron cap to which is riveted a copper disk

stamped 3-M.S.5-4075 in the quarter facing the claim, set 18 ins. in the ground, with mound of stone alongside, whence

A cross on rhyolite outcrop, about which is chiseled B.R. 4075, bears N.89°-48'W. 62.15 ft.

No other bearings available.

Thence S.39°-48'W.

1259.00 Bed of Box Springs Canyon, draining southeasterly and cross road course northwest and southeast.

1498,90 To Cor. No.4, identical with S.E. Cor. of the location and Cor. No. 3, M.S.No. 4 lode, this survey.

An iron pipe, previously described, with copper disk stamped 4-M.S.5 in the quarter facing this claim.

Thence N.45°-00'W.

Along line 3-2 of said M.S. No. 4 lode.

300.00 To S.W.E.C. monument of the location and N.E.E.C. of said M.S.No. 4 lode.

A pine post, previously described, with copper plate stamped S.W.E.C.-M.S.5-4075 on the side facing this claim.

509.00 Bed of Box Springs Canyon, draining easterly.

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

Mean magnetic variation at all corners 14°-55'E.

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#### LODE LINES.

As near as can be determined from present developments, the veins of the several locations embraced in this survey extend as follows from their respective discovery points:

Bernice No. 1 lode, N.42°-13'E.468.3 ft. and S.42°-13'W. 1018.0 ft.

M.S. No. 1 lode, N.43°-57'E.16.0 ft. and S.43°-57'W. 1202.3 ft.

M.S. No. 2 lode, N.40°-09'E. 1481.8 ft. and S.40°-09'W. 11.0 ft.

N.L. No. 1 lode, N.59°-49'E. 178.0 ft. and S.59°-49'W. 1250.3 ft.

N.L. No. 2 lode, N.39°-20'E. 1039.7 ft. and S.39°-20'W. 39.0 ft.

N.S. No. 1 lode, N.36°-31'E. 47.0 ft. and S.36°-31'W. 1093.8 ft.

M.S. No. 4 lode, N.54°-37'E. 10.0 ft. and S.54°-37'W. 1212.8 ft.

Mercury Sulphide No. 5 lode, N.39°-48'E. 898.9 ft. and S. 39°-48'W. 600.0 ft.

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AREAS.

	Acres.
Total area Bernice No. 1 lode,	20,448
Total area M.S. No. 1 lode,	16.778
Total area M.S. No. 2 lode.	20.488
Total area N.L. No. 1 lode,	19.019
Total area N.L. No. 2 lode,	14.786
Total area N.S. No. 1 lode,	15.542
Total area M.S. No. 4 lode,	16.606
Total area Mercury Sulphide No. 5 lode,	20.561

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LOCATION.

This survey is located on unsurveyed land, approximately in Secs. 26, 27 and 34, T. 8 N., R. 9 E., G. & S.R.M., Sunflower Mining District, Gila County, Arizona, in the Tonto National Forest.

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ADJOINING AND CONFLICTING CLAIMS.

The Delsie Dee No. 1 lode, unsurveyed, owned by the claimant, adjoins on the northeast. The N.L. No. 2 Mill Site and Mercury Sulphide No. 5 Mill Site, both unsurveyed, owned by the claimant, and unappropriated public domain, adjoin on the southeast. The M.S. No. 3 lode, unsurveyed, owned by the claimant, adjoins on the southwest. And unappropriated public domain adjoins on the northwest.

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DISCOVERY AND IMPROVEMENTS.

I certify that the value of the labor and improvements made upon, or for the benefit of, each of the claims in this survey, by the claimant or its grantors,

is not less than five hundred dollars, and that said improvements consist of:

Bernice No. 1 Lode.

No. 1, the discovery, 45 feet of cut and tunnel, 5 x 6 ft., the northwest corner of the face of cut of which is on the center line 468.3 ft. from the N.E.E.C. and which extends thence S. 26°W 35.0 ft. to toe of cut and N.55°E.10 feet to face of tunnel. Value \$450.00

No. 2, 143 feet of cut and tunnel, averaging 4 x 6 ft., the center of the toe of which bears N.59°-23'E 76.0 ft. from a point on the lode line 634.0 ft. from the N.E.E.C. and which extends thence N.23°-00'E. 73.0 ft.; thence N.41°E.11.0 ft. to Pt. 1; thence N.75°E.26.0 ft. to face; and, from Pt. 1, S.47°E. 33.0 ft. to face.

Value \$2250.00.

Value 1-3d credited to this claim, \$750.00  
This improvement has been made by the claimant for the development of the Bernice No. 1, M.S. No. 1 and M.S. No. 2 claims of the survey. From the portal of the tunnel the surface of the ground slopes rapidly upward to the northeast to a point about the center of the M.S. No. 1 claim and then downward to the bed of Gold Creek. The tunnel is in a well defined vein which continues through the three claims and it is proposed to continue work toward and into the claims and develop and mine them at depth. I do not regard the tunnel of any benefit to the N.L. No. 1 claim, the next adjoining claim to the northeast of the three to which it is credited as the southwest end of said claim is below the tunnel rendering it of no value to it. I have, therefore, distributed the value of the tunnel equally between the three claims, one third, or \$750.00, being credited to each.

No. 3, cut, 4.5 x 7 x 23 ft., the center of the face of which bears N.51°-40'E. 163.4 ft. from a point on the lode line 634.0 ft. from the N.E.E.C., and which extends thence S.37°-E. to toe. Value \$125.00.

## M.S.No. 1 Lode.

No. 1, the discovery, shaft, 4 x 6 x 9 ft., the center of which is on the lode line 16.0 ft. from the N.E.E.C. Value, \$50.00.

No. 2, a caved cut, 2 x 5 x 12 ft., the center of the toe of which bears S. 14°-23'W. 494.0 ft. from Cor. No. 1 and which extends thence S.05°W to face. Value, \$25.00.

No. 3, a caved shaft, 6 x 8 x 4 ft., the center of which bears S.14°-09'W. 523.0 ft. from Cor. No. 1, Value, \$40.00.

No. 4, a caved shaft, 5 x 9 x 7 ft., the center of which bears S. 13°-06'W. 646.0 ft. from Cor. No. 1. Value, \$50.00.

1/3rd of improvement No. 2 on the Bernice No. 1 claim which is credited to this claim, Value, \$750.00.

## M.S. No. 2 Lode.

No. 1, the discovery, shaft, 4 x 6 x 11 ft., the center of which is on the lode line 11.0 ft. from the S.W.E.C. Value, \$60.00.

1/3rd of improvement No. 2 on the Bernice No. 1 claim which is credited to this claim, Value, \$750.00.

## N.L. No. 1 Lode.

No. 1, the discovery, cut 4 x 10 x 16 feet, the center of the face of which is on the lode line 178.0 ft. from the N.E.E.C., and which extends thence S.80°E. to toe. Value, \$40.00.

No. 2, cut, 5 x 14 x 23 ft., the center of the toe of which bears S.63°-47'W. 437.0 ft. from the N.E.E.C., and which extends thence N.60°W to face. Value, \$125.00.

No. 3, 11 feet of cut and tunnel, 4 x 6 ft., the center of the toe of which bears S.37°-22'W. 362.5 ft. from the N.E.E.C. and which extends thence S.72°W to face. Value, \$65.00.

1/4 th. of improvement No. 1 on the M.S. No. 4 claim

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which is credited to this claim. Value, \$1000.00.

N.L. No. 2 Lode.

No. 1, the discovery <sup>cut,</sup> 8 x 14 x 18 ft., which is intersected by the lode line 39.0 ft. from the S.W.E.C. and which extends thence S.81°W. 6.5 ft. to toe and N.81°E. 11.5 ft. to face. Value, \$200.00.

No. 2, cut, 7 x 20 x 30 ft., the center of the toe of which bears N.20°-23'E. 291.0 ft. from the S.W.E.C. and which extends thence N. 70°E. to face. Value, \$300.00.

1/4th of improvement No. 1 on the M.S. No. 4 claim which is credited to this claim. Value, \$1000.00.

N.S. No. 1 Lode.

No. 1, the discovery, 66 feet of cut and tunnel, 4 x 6 ft., partially timbered, which is intersected by the lode line 47.0 ft. from the N.E.E.C., and which extends thence S.34°E. 23.0 ft. to face and N.34°W. 4.0 ft.; thence N.34°E. 39.0 ft. to toe of cut. Value, \$1300.00.

1/4th of improvement No. 1 on the M.S. No. 4 claim which is credited to this claim. Value, \$1000.00.

M.S. No. 4, Lode.

No. 1, the discovery, 132.5 ft. of cut and tunnel, 5.5 x 7, feet in the clear of timbers, the center of the toe of which is on the lode line 10.0 ft. from the N.E. E.C. and which extends thence S.31°-02'W. 109.0 ft., thence S.28°E. 23.5 ft., to face of cross cut. Value, \$4000.00, Value 1-4 interest credited to this claim, \$1000.00

This tunnel has been driven by the claimant as a common improvement for the development of the M.S. No. 4, N.S. No. 1, N.L. No. 2 and N.L. No. 1 claims of the survey. From the portal of the tunnel the surface of the ground slopes rapidly upward to the southwest to a point about 400 feet from the northeast end of the N.L. No. 2 claim, then downward to the bed of Gold Creek. The tunnel is in a well defined vein which continues through all of the claims of the group, and it is



proposed to continue the tunnel in a southwesterly direction along the vein and from it and crosscuts at intervals to develop and mine the four claims of the survey to which it is applied. The cost of this tunnel is conservatively estimated at \$4000.00, the high cost per foot being due to ground disposed to cave which required heavy timbers and lagging.

I have distributed no part of the value of the tunnel to the three southwest claims of the group on account of its not being intended for their development, and these claims too far from the tunnel for it to be of benefit to them.

I do not regard the tunnel as of any benefit to the Mercury Sulphide No. 5 claim as it is directed away from this claim and the slope of the surface is such that it is of no benefit to this claim.

No. 2, 61 ft. of cut and tunnel, 4 x 6 ft., the center of the toe of which bears N.14°-37'E. 81.0 ft., from a point on the lode line 456.0 ft. from the N.E.E.C., and which extends thence S.22°E to face. Value, \$700.00.

No. 3, cut, 7 x 11 x 10 ft., the center of the toe of which bears N.70°-05'E. 813.0 ft. from Cor. No. 1, and which extends thence S.45°E to face. Value, \$40.00.

No. 4, 77 ft., of cut and tunnel, 3.5 x 6 ft., the center of the toe of which bears S.66°-26'W. 110.0 ft. from a point on the lode line 1033.0 ft. from the N.E.E.C. and which extends thence S.36°W. 67.0 ft., thence S.56°W. 10 ft. to face. Value, \$1000.00.

#### Mercury Sulphide No. 5.

No. 1, the discovery, cut, 4 x 10 x 17 feet, the center of the face of which is on the lode line 600.00 ft., from the S.W.E.C., and which extends thence S.65°W. to toe. Value, \$40.00.

No. 2, 52 feet of cut and tunnel, 4 x 6 ft., the center of the toe of which bears N.50°-37'E. 93.0 ft.

from the southwest end center and which extends thence S.16°E. 10.5 ft.; thence S.37°E. 20.0 ft.; thence S.25°E. 11.5 ft.; thence S.07°W. 10.0 ft. to face. Value, \$800.00.

No. 3, cut, 6 x 12 x 28 ft., the center of the toe of which bears S.55°-52'W. 316.0 ft. from the N.E.E.C. and which extends thence S.55°W. to face. Value, \$150.00.

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#### INSTRUMENT AND DETERMINATION OF MERIDIAN

This survey was made with a  $6\frac{1}{4}$  inch Berger transit. The distances were measured with a 660 foot steel tape. The courses were deflected from the true meridian as determined by direct solar observations, the mean of six A.M. observations and six P.M. observations being accepted.

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#### REPORT.

U.S.L.M. No. 4075, to which ties are given is a cross on rhyolite outcrop about which is chiseled U.S.L. M. 4075, with mound of stone alongside.

Ties to this monument from Cors. No. 1 of the claims in the survey were computed from the tie N.13°-58'50"W. 780.8 ft., made direct from Cors. 1 of the N.L. No. 2 and N.S. No. 1 lodes.

The disagreement between these notes and the location notices is due to errors in the latter.

Globe, Arizona,

~~October 11th, 1928.~~

United States Mineral Surveyor.

## ESTABLISHMENT OF U.S.L.M. NO. 4075.

In the execution of Mineral Survey No. 4075 I find that the claims are not within the two mile limit of an approved corner of the public survey or a U.S.L.M., so I established U.S.L.M. No. 4075.

There being neither a suitable post or stone available I selected a point on a prominent hill top which is visible for a great distance in all directions and chiseled a cross and U.S.L.M. 4075 on rhyolite outcrop, erected a monument of stone 6 ft. base, 6 ft. high about 10 ft. northeast thereof, and took the following bearings:

A cross on rhyolite outcrop about which is chiseled B.R. U.S.L.M. 4075 bears S.60°-17'E. 10.5 ft.

A cross on rhyolite outcrop about which is chiseled B.R. U.S.L.M. 4075 bears N.38°-10'W. 8.70 ft.

An 8 inch pinon tree, blazed and scribed B.T. U.S.L.M. 4075 bears S.09°-51'E. 15.65 ft.

Cor. No. 1, N.L. No. 2, identical with Cor. No. 1, N.S. No. 1 lode, both of Sur. 4075, bears S. 13°-58'-50" E. 780.8 ft.

The top of Pine Mountain bears S.54°-13'W. about 6200 ft.

As near as can be determined with the instrument used, this monument is in Latitude 33°59' North. The Longitude is approximately 111° 25' West.

*Edwin P. Steward*

United States Mineral Surveyor.

~~Globe, Arizona~~

~~October 11th, 1928.~~

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Edwin T. Stewart

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 \_\_\_\_\_

AMERICAN MERCURY CORPORATION

Bernice No. 1, M.S.No.1, M.S.No.2, N.L.No.1, N.L.No.2, N.S.No.1  
known as the M.S.No.4 and Mercury Sulphide No.5 lodes

and showing the respective capacities in which they acted.

\_\_\_\_\_  
C.A. Pennington \_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Arman.*

\_\_\_\_\_, *Flagman.*

## FINAL OATHS OF ASSISTANTS.

We, I, C.A. Pennington

and \_\_\_\_\_, do solemnly swear that ~~we~~ <sup>I</sup> assisted \_\_\_\_\_

Edwin T. Stewart, United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of American Mercury Corporation

Bernice No.1, M.S.No.1, M.S.No.2, N.L.No.1, N.L.No.2, N.S.No.1,  
known as the M.S.No.4 and Mercury Sulphide 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 instructions furnished by the Office Cadastral Engineer, at Phoenix, Arizona.

\_\_\_\_\_  
C.A. Pennington \_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Chainman.*

\_\_\_\_\_, *Arman.*

\_\_\_\_\_, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 16<sup>th</sup>

day of October, 1928

*My Com. Expires*  
*Nov. 11-1928*

\_\_\_\_\_  
M. L. Harrison  
Notary Public

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Edwin T. Stewart, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the Office Cadastral Engineer, at Phoenix, Arizona, dated September 1, 1928, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Office Cadastral Engineer, faithfully and correctly executed the survey of the Mining Claim of American Mercury Corporation, known as the Pernice No. 1, M.S.No.1, M.S.No.2, N.L.No.1, N.L.No.2, N.S.No.1, M.S.No.4 and Mercury Sulphide No. 5 lodes, situate in SUNFLOWER Mining District, Gila County, Arizona, approximately in Section 26, 27 & 34, Township No. 8 N., Range No. 9 E., unsurveyed, and designated as Survey No. 4075, 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 Office Cadastral Engineer with said instructions, and that all 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.

Edwin T. Stewart
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Edwin T. Stewart
U. S. Mineral Surveyor, before me H.L. Harrison, a Notary Public,
this 11th
day of October, 1928.

My commission expires
November 11, 1928.

H.L. Harrison
Notary Public, Gila
County, Arizona.

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

Department of the Interior

PUBLIC SURVEY OFFICE

Phoenix, Arizona,

November 7, 1928

I, Office Cadastral Engineer, at Phoenix, Arizona,

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

American Mercury Corporation  
BERNICE NO.1, M.S.NO.1, M.S.NO.2, N.L.No.1, N.L.No.2,  
known as the N.S.No.1, M.S.No.4 and MERCURY SULPHIDE No. 5 lodes  
situate in Sunflower

Mining District C11a County Arizona, approx. in  
in Sections 26, 27, 34 Township No. 8 N., Range No. 9 E. Unsur., and  
designated as Survey No. 4075

, 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.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon, or for the benefit of, each location embraced in said mining claim by claimant or its grantors, and that said improvements consist of 4 shafts, 17 cuts and 8 tunnels, total value \$11,810.

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.

John D. Adams

Office Cadastral Engineer.

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF  
MINING CLAIM

DEPARTMENT OF THE INTERIOR  
PUBLIC SURVEY OFFICE

At Phoenix, Arizona,

November 7, 1928

I, Office Cadastral Engineer at Phoenix, Arizona,

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

American Mercury Corporation

, known as the  
BERNICE NO.1, M.S.No.1, M.S.No.2, N.L.No.1, N.L.No.2, N.S.No.1,  
M.S.No.4 and MERCURY SULPHIDE No. 5 lodes

situate in Sunflower mining district,

Gila County, Arizona, approximately in

in Sections 26, 27 and 34, Township No. 8 N., Range No. 9 E., Unsur.

, designated as Survey No. 4075

executed by Edwin T. Stewart, U. S. Mineral

Surveyor, September 1 - 15, 19 28, under my instructions dated

September 1, 19 28, have been critically examined and the necessary

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

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and

made a part of the transcript of the field notes.

  
Office Cadastral Engineer.