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(4-683.)

Mineral Survey No. 1146

Lot No.

Prescott ~~Arizona~~ Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIMS OF

Mae Ellen Swelham Claimant - by  
J. M. Swelham, Phoenix Arizona

KNOWN AS THE

Koons and Moore Lodes

Moors Mining District,

Maricopa County, Arizona, unsurveyed

Section ~~Appropriately~~ Township 7 N. 8, Range 7 E.

Surveyed under instructions dated January 10<sup>th</sup>, 1890,

by J. C. Dobbin  
U. S. Deputy Mineral Surveyor.

Claim located February 7<sup>th</sup>, 1890

Survey commenced January 14<sup>th</sup>, 1890

Survey completed January 18<sup>th</sup>, 1890

# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, A. C. Cree and R. H. Cooper,

do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain upon even and uneven ground and plumb the tally-pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the Mining Claim of Mae Ellen Swelham Claimant

of Phoenix, Arizona, known as the Moore and Foos Lode

situate in Moore mining district,

Maricopa County, Arizona, unincorporated

*Approximately*

in Section \_\_\_\_\_, Township No. 7 N., Range No. 2 E.

A. C. Cree, Chainman.

R. H. Cooper, Chainman.

Subscribed and sworn to by the above-named persons before me this 14<sup>th</sup> day of January, 1900.

*My Commission expires Oct 2<sup>nd</sup> 1904*

J. C. Herbstein  
Notary Public

I, \_\_\_\_\_, do solemnly swear that I will well and truly perform the duties of axeman, in the establishment of corners and other duties, according to instructions given me and to the best of my skill and ability, in the survey of the Mining Claim of \_\_\_\_\_

known as the \_\_\_\_\_, more fully described in the preceding affidavit.

\_\_\_\_\_, Axeman.

Subscribed and sworn to by the said \_\_\_\_\_ before me this \_\_\_\_\_ day of \_\_\_\_\_, 18 \_\_\_\_\_.

I, \_\_\_\_\_, do solemnly swear that I will well and truly perform the duties of flagman, in the establishment of corners and other duties, according to instructions given me and to the best of my skill and ability, in the survey of the Mining Claim of \_\_\_\_\_

known as the \_\_\_\_\_, more fully described in the preceding affidavit.

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

Subscribed and sworn to by the said \_\_\_\_\_ before me this \_\_\_\_\_ day of \_\_\_\_\_, 18 \_\_\_\_\_.

Survey No. 1446  
The Moor Lode.

See-

Beginning at Cor. No. 1 Identical with the N. E. Cor. of the location and the S. E. Cor. of the Moor Lode of this survey. a Porphyry Rock  $8 \times 16 \times 22$  ins. set 17 ins. in ground with mound of stone. I chiseled on S. W. side 1-1446. No bearings available.

Thence bears  $N. 72^{\circ} 08' E.$  250 ft.

U. S. L. M. 1446.

Thence  $N. 77^{\circ} 15' W.$

Va.  $13^{\circ} 33' E.$

300 N. C. E. Identical with location, a Porphyry Rock  $8 \times 14 \times 28$  ins. set 12 ins. in ground with mound of stone. I chiseled on S. side N. C. E. 1446. No bearings available.

Thence bears  $S. 12^{\circ} 45' <sup>N.</sup> E.$  19 ft. the Discovery Shaft  $5 \times 7 \times 145$  ft.

600 Cor. No. 2 Identical with location a Granite Rock  $6 \times 6 \times 30$  ins. set 15 ins. in ground with mound of stone. I chiseled on S. E. side 2-1446. No bearings available.

Thence  $S. 12^{\circ} 45' W.$

Va.  $13^{\circ} 33' E.$

750 N. C. S. a Porphyry Rock  $8 \times 10 \times 18$  ins. set 12 ins. in ground with mound of stone which I chiseled N. C. S. 1446. No bearings available.

Thence bears  $S. 78^{\circ} 20' W.$  162 ft. the original location corner, a mound of rock.

770 Draw 10 ft. wide. course S. W.

860 Draw 10 ft. wide. course S. E.

1500 Cor. No. 3 a Porphyry Rock  $8 \times 12 \times 20$  ins. set 17 ins. in ground with mound of stone which I chiseled 3-1446. No bearings available.

Thence bears S. 18° 30' W. 332 ft. the original location corner, a mound of rock.

Thence S. 77° 15' E.  
 Va. 13° 33' E.

300 S. E. E. a Porphyry Rock 8 x 10 x 22 ins. set 12 ins. in ground with mound of stone which I chiseled S. E. E. 1446. No bearings available.

Thence bears S. 7° 00' W. 356 ft. the original location corner, a mound of stone

560 Intersects draw 20 ft. wide. Course S. E.

600 Cor. No. 4. A Porphyry Rock 6 x 8 x 26 ins. set 12 ins. in ground with mound of stone which I chiseled 4-1446. No bearings available.

Thence bears S. 30° 10' E. 370 ft. the original corner of location.

Thence N. 12° 45' E.  
 Va. 13° 33' E.

750 E. C. S. a Porphyry Rock 4 x 16 x 18 ins. set 12 ins. in ground with mound of stone which I chiseled E. C. S. 1446. No bearings available.

Thence bears S. 4° 40' W. 157 ft. the original location corner.

865 Intersects draw 12 ft. wide. Course S. 40° 00' W.

1500 Cor. No. 1. Place of beginning.

Survey No. 1446  
The Moon Lodge.

See.

Beginning at Cor. No. 1 identical with the S. E. Cor. of location and with Cor. No. 1 the Moon Lodge of this survey, I scribed on N. W. side 1-1446.

Thence bears N. 72° 08' E. 250 ft. U. S. L. M. 1446. No bearings available.

Thence N. 12° 45' E.

Va 13° 33' E.

750 E. C. S. a Porphyry Rock 6 x 12 x 18 ins. set 12 ins. in ground with mound of stone which I chiseled E. C. S. 1446. No bearings available.

Thence bears N. 70° 45' E. 90 ft. the original location corner, a mound of stone.

1200 Intersects draw 10 ft. wide. Course S. W.

1500 Cor. No. 2 a Porphyry Rock 10 x 14 x 22 ins. set 12 ins. in ground with mound of stone which I chiseled 2-1446. No bearings available.

Thence bears N. 74° 15' E. 240 ft. the original location corner, a mound of stone.

Thence N. 77° 15' W.

Va 13° 33' E.

300 N. C. E. a Porphyry Rock 9 x 14 x 22 ins. set 12 ins. in ground with mound of stone which I chiseled N. C. E. 1446. No bearings available.

Thence bears N. 12° 30' E. 270 ft. the original location cor. a mound of stone.

400 Intersects draw 20 ft. wide. Course S. W.

600 Cor. No. 3 a Porphyry Rock 7 x 10 x 22 ins. set 12 ins. in ground with mound of stone which I chiseled ~~3~~<sup>3</sup>-1446.

Survey No. 1446  
 Feet-

The Koons Lode.

- No bearings available  
 Thence bears N.  $8^{\circ} 00' E$ . 225 ft. the original location corner.  
 Thence S.  $12^{\circ} 45' W$ .  
 Va.  $13^{\circ} 33' E$ .
- 110 Intersects draw 20 ft. wide course S.W.
- 750 N.C.S. A Porphyry Rock  $6 \times 14 \times 20$  ins. set - 12 ins. in ground with mound of stone which I chiseled N.C.S. 1446.  
 No bearings available.  
 Thence bears N.  $12^{\circ} 10' E$ . 45 ft. the original location corner a mound of stone.
- 1000 Intersects draw 10 ft. wide. Course S.  $52^{\circ} 20' W$ .
- 1500 Cor. No. 4. Identical with location and Cor. No. 2 the Moore Lode of this survey. I chiseled on N.E. side 4-1446. No bearings available.  
 Thence S.  $77^{\circ} 15' E$ .  
 Va.  $13^{\circ} 33' E$ .
- 300 S.C.E. Identical with location and with N.C.E. of the Moore Lode of this survey. I chiseled on N. side N.C.E. 1446.  
 Thence bears N.  $10^{\circ} 00' E$ . 148  $\frac{1}{2}$  ft. the discovery a shaft  $4 \times 6 \times 90$  ft.  
 No bearings available.
- 600 Cor. No. 1. The place of beginning.

Areas.

The Moore Lode	20.67 acres
The Koons Lode	20.67 acres
Conflicts none.	
Total Net Area.	41.34 Acres.

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Survey No. 1446.

Location.

These claims are located on unsurveyed ground approximately in Twp. 7 N. R. 2 E. G. & S. R. M. on Moore's Gulch about 4 miles above its junction with the Agua Fria River, about 4 miles East of Old Gillette and about 2 1/2 miles East of the crossing of Moore's Gulch by the Black Cañon wagon road.

Adjoining Claims.

There are no adjoining claims. The nearest lode mines are the Squaw Creek Mines, Claimant unknown which are about 9 miles N. E. of this survey 1446.

Course and Length of Veins.

The discovery of the Moore Lode bears from the N. C. E. S. 12° 45' N. 19 ft. and Claimant - Claims S. 12° 45' N. 148 1/2 ft. and N. 12° 45' E. 19 ft. from the discovery along said ledge. The discovery of the Moore Lode bears from the S. C. E. N. 10° 00' E. 148 1/2 ft. and Claimant - Claims N. 12° 45' E. 1357 ft. and S. 10° 00' N. 149 ft. from the discovery along said ledge.

Expenditure of Five Hundred Dollars.

I certify that the value of the labor and improvements <sup>upon this claim</sup> placed thereon by the Claimant - and his grantors is not less than \$500<sup>00</sup> and said improvements consist - of

On the Moore.

No. 1 The Discovery a perpendicular shaft 5 x 7 x 145 ft. which bears from N. C. E. S. 12° 45' N. 19 ft. with drift from 100 ft. level S. 12° 45' N. 88 ft. and



## Survey No. 1446

from 30 ft. level drift - S.  $12^{\circ} 45'$  W. 10 ft.  
 and from 100 ft. level drift - N.  $10^{\circ} 00'$  E.  
 19 ft. to end line on the Moore  
 ground and  $148\frac{1}{2}$  ft. on the Koons  
 ground. Estimate of value for  
 the Moore Claim based on work  
 done on that Claim only Value \$2500.00  
 On the Koons.

No. 1 The discovery, a perpendicular shaft  
 which bears from the S. E. N.  
 $10^{\circ} 00'$  E.  $148\frac{1}{2}$  ft. shaft  $4 \times 6 \times 90$  ft.  
 with drift at bottom which bears  
 S.  $10^{\circ} 00'$  W.  $148\frac{1}{2}$  ft. intersecting drift  
 from the Moore and making  
 connections. The estimate for the  
 Koons, value of labor and im-  
 provements is based only on the  
 work done on the Koons ground  
 Value \$2000.00

All the workings above referred  
 to are in ore. The ledge averag-  
 ing 2 ft. and carrying gold of about  
 \$17.00 to the ton. There is about  
 200 tons of ore on the dump.

Other improvements on this  
 property none.

## Instrument.

This survey was made with  
 a complete Tishy Engineers Transit.  
 The courses were deflected from  
 a true meridian as determined  
 by a direct solar observation.  
 The distances were measured  
 by a 100 ft. steel chain.

Phoenix, Arizona.  
 Jan. 20, 1900.

James C. Dolbin  
 U. S. Dep. Min. Surveyor

Survey No. 1446

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Note

As this survey is upon unsurveyed ground and as there are no corners of the public survey within two miles nor any U. S. L. M. within that distance, I established for this survey U. S. L. M. No. 1446 on January 17<sup>th</sup> 1900 and transmitted herewith field notes for same.

U. S. L. M. No. 1446.

Situated on the top of Cooper Hill  $\frac{1}{2}$  mile North of Moore Gulch, 4 miles East of the Agua Fria River at old Lellette,  $2\frac{1}{2}$  miles East of the crossing of Moore Gulch and the Black Canyon Wagon Road.

A Porphyry Rock  $10 \times 22 \times 34$  ins. set 18 ins. in ground with mound of stone 6 ft. at base and 4 ft. high which I chiseled U. S. L. M. 1446.

Thence bears

N.  $42^{\circ} 06' W.$  31 $\frac{1}{2}$  ft. a Porphyry Rock in place  $22 \times 28 \times 37$  ins. on face 1 ft. above ground which I chiseled B. R. + 1446.

S.  $15^{\circ} 49' E.$  21 $\frac{1}{2}$  ft. a Porphyry Rock in place  $12 \times 26$  ins. 8 ins. above ground which I chiseled B. R. + 1446.

N.  $59^{\circ} 20' W.$  12 miles top of Graphis Mountain.

N.  $79^{\circ} 30' W.$  4 miles Old Lellette

N.  $82^{\circ} 55' W.$  4 miles Junction Moore Gulch and Agua Fria River.

S.  $62^{\circ} 20' N.$  Center end Moore and Stovns Lodes this survey.

S.  $60^{\circ} 20' W.$  Discovery shaft of the Moore Lode.

S.  $5^{\circ} 30' W.$   $\frac{1}{2}$  mile N. E. corner Osborn house.

S.  $1^{\circ} 24' W.$  300 ft. Well.

S.  $15^{\circ} 34' W.$  Junction Moore and Tank Gulches.

S.  $57^{\circ} 30' E.$   $\frac{1}{2}$  mile Bee Hive Hill.

N.  $42^{\circ} 15' E.$  15 miles Squaw Peak.

## Survey No. 1446

N.  $27^{\circ}35'$  E. 1 mile Great Scott Hill.  
S.  $22^{\circ}08'$  E. 250 ft. Cor. No. 1 Moore and Moore  
Lodes of this survey.

Respectfully submitted

James C. Hebberts

U. S. Deputy Mineral Surveyor

Phoenix, Arizona  
January 20<sup>th</sup> 1900.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by James C. Robbins  
 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 Mae Ellen Sweetnam of Phoenix, Arizona  
 known as the Moore and Power Lodes  
 and showing the respective capacities in which they acted.

A. L. Lee, Chainman.  
R. H. Cooper, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, A. L. Lee  
 and R. H. Cooper, do solemnly swear that we assisted James C. Robbins,  
 United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of Mae Ellen Sweetnam  
of Phoenix Arizona, known as the Moore  
and Power Lodes, represented  
 in the foregoing field notes as having been surveyed by said deputy mineral surveyor and under  
 his direction; and that said survey has been in all respects, to the best of our knowledge and  
 belief, faithfully and correctly executed, and the corner and boundary monuments established  
 according to law and the instructions furnished by the United States Surveyor-General for  
Arizona.

J. C. Crew, Chainman.  
R. H. Cooper, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

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

this 18<sup>th</sup> day of January, 1900.

J. C. Robbins  
 Notary Public

My Commission expires Oct 2<sup>nd</sup> 1904

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, James C. Dobbin, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Jan'y 10<sup>th</sup> 1900, 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 Claims of Mae Ellen Sweetman, known as the Koons and Moon, situate in Moore Mining District, Maricopa County, Unsurveyed, in Section Appropriately, Township No. 7 N, Range No. 2 E and designated as Survey No. 1446, 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 her 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.

James C. Dobbin  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said James C. Dobbin  
U. S. Deputy Mineral Surveyor, before me Natie St. Lorraine  
Lorraine this 27  
day of January, 1900,

My Commission expires January 30, 1903.

Natie St. Lorraine  
Notary Public

## Affidavit of Five Hundred Dollars Improvements.

We, A. C. Crow, and R. H. Cooper  
of lawful age, being first duly sworn according to law, depose and say: that we are  
acquainted with the Moore and Koons mining claim, situate  
in Moore Mining district, Maricopa County,  
Arizona Territory, for which Mae Ellen Sweetnam by J. M.  
Sweetnam of Phoenix, Arizona  
has made application for survey prior to application for patent under the provisions  
of the Act of Congress, approved May 10, 1872; and that the labor done and improve-  
ments made thereon by the applicant and her grantor exceed Five Hundred  
Dollars in value, <sup>or each</sup> and further that we are not personally interested in said mine.

A. C. Crow

R. H. Cooper

TERRITORY OF ARIZONA, }  
County of Maricopa } ss:

Sworn to and subscribed before me, this 18<sup>th</sup>

day of January, ~~189~~ 1900

J. C. Robbins

Notary Public

My commission expires

Oct 2<sup>nd</sup> 1900

Notice of Location.

Notice is hereby given that the undersigned have this day located and claim Fifty Hundred linear feet along this lead, lode or vein, and Three Hundred feet on each side of the middle of said lead, lode or vein.

This claim commences at this notice, which is posted in a monument of stones at the S. W. center end monument, running thence S. Easterly 500 ft. to S. W. corner thence N. Easterly 1500 ft. to S. E. corner, thence N. Westerly 300 ft. to N. E. center end monument thence N. Westerly 500 ft. to N. W. corner, thence S. Westerly 1500 ft. to S. E. corner thence S. Easterly 500 ft. to the place of beginning.

This claim may be more particularly described as situated in Moors Mining District, Maricopa Co. U. T., about four miles East of Gullette, and about one fourth mile Northerly from Moors Gulch, and shall be known as the Moors Mining Claim.

Dated on the ground this 7th day of February, 1894.

John D. Osborn,  
H. B. Thomas.

Filed and recorded at request of John D. Osborn, Feb. 28<sup>th</sup> 1894, at 5 P. M.

Meri Osborn, County Recorder  
By H. B. Thomas, Deputy.

TERRITORY OF ARIZONA, } ss.  
County of Maricopa.

I, H. B. THOMAS, County Recorder in and for said County, do hereby certify that the above and foregoing with, and the same is a true and correct copy of the Moors Mining Claim as the same appears on file in the Books page 413 of Mining Records of Maricopa County, Arizona.



IN WITNESS WHEREOF, I have hereunto set my hand and my official seal this 8th day of Janu 1894.

J. W. Sherclaw  
County Recorder.

Notice of Location.

Notice is hereby given that the undersigned have this day located and claim Fifty and Hundred Linear feet along this lead, lode or vein, and Three Hundred feet on each side of the middle of said lead, lode or vein.

This claim commences at the notice which is posted in a monument of stones at the N. E. center end of claim; running thence in a S. Easterly direction 300 ft. to S. E. corner; thence S. Westerly 1500 ft. - S. W. corner; thence N. Westerly 300 ft. to S. W. center end monument; thence N. Westerly 300 ft. to N. W. corner; thence N. Easterly 1500 ft. to N. E. corner; thence 300 ft. to the place of beginning. This claim may be more particularly described as situated in Moore Mining District, Maricopa Co. A. T., about four miles Easterly from Lillie, and about one fourth mile Northerly from Moore Gulch, and shall be known as the Moore Mine.

Dated on the ground this 7<sup>th</sup> day of February, 1894.

John H. Osborn,  
H. C. Thomas.

Filed and recorded at request of John H. Osborn,  
Feb. 28<sup>th</sup>, 1894, at 3.01 P. M.

Heri Osborn, County Recorder  
By Wm E. Thomas, Deputy.



(4-687.)

# Surveyor General's Certificate of Approval of Field Notes and Survey of Mining Claim.

Department of the Interior,

Office of U. S. Surveyor General,

*Tucson, Arizona.*

*March 7th*, 1900.

I, U. S. Surveyor General for *Dist. of Arizona*,

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

....., known as the

*Moore and Koon's Coals*

situate in *Moore* mining district,

*Maricopa* County, *Arizona*,

*approximately* in Section ....., Township No. *7 N.*, Range No. *2 E. (unsurveyed)*

....., designated as Survey No. *1446*

executed by *James C. Robbins*, U. S. Deputy Mineral

Surveyor, *January 14-18*, 1900, under my instructions dated

*January 10, 1900*, ~~18~~, have been critically examined and the

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

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

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

*George Lhuist*

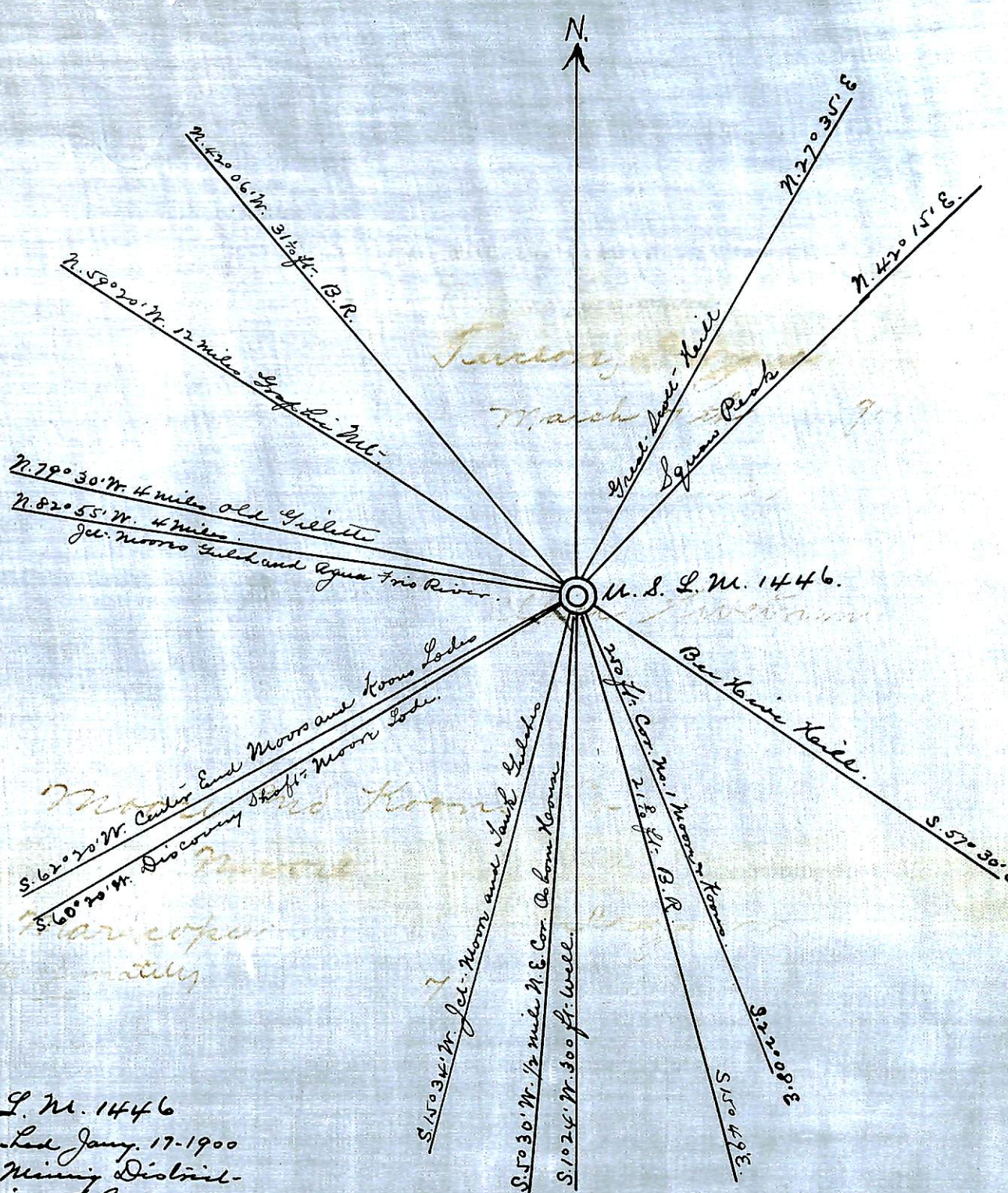
U. S. Surveyor General for *Arizona*

G. N. SHERIDAN, County Recorder in and for said County,  
do hereby certify that I have compared the above and foregoing with, and  
the same is a true and correct copy of Moore Mining Claim  
as the same appears of record in book 6 page 114  
Mining Records of Maricopa County, Arizona.

IN WITNESS WHEREOF, I have hereunto set my hand and seal  
my official seal this 8<sup>th</sup> day of January A. D. 1900



G. N. Sheridan  
County Recorder.  
by C. W. Barnett Dep.



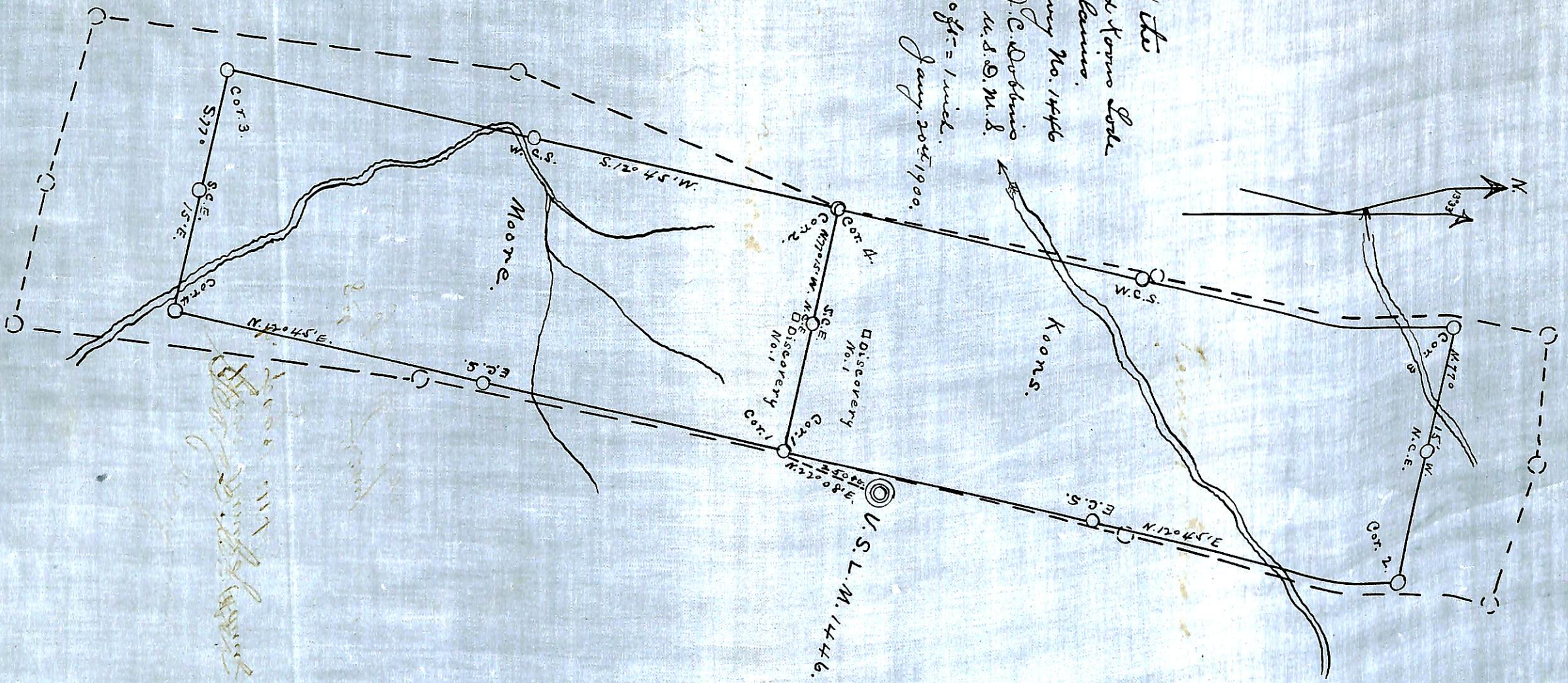
U. S. L. M. 1446  
 Established Jan. 17-1900  
 Moor Mining District  
 Maricopa County  
 Arizona.  
 J.C. Dobbin  
 U. S. D. M. S.

Plot of the  
Moore and Koons Lake  
Basins.

Survey No. 1446

J. C. Dobson  
U.S.D.M.S.

Scale 300 ft. = 1 inch.  
Plotted, Aug. 20<sup>th</sup> 1900.



*Handwritten notes in cursive script, partially illegible.*