

MINERAL SURVEY No. 3695.

ARIZONA.

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

JOHN MACKIN.

KNOWN AS THE

HAWK and PIGEON LODES.

WARM SPRINGS

Mining District,

COCONINO

County,

ARIZONA

approximately

Section 1, Township 38 North, Range 1 E., unsurveyed.

KAIBAB NATIONAL FOREST RESERVE.

Surveyed under instructions dated September 16, 1920

by Leon H. Foster

U. S. Mineral Surveyor.

Claim located May 23rd See location notices 1920

Survey commenced September 28, 1920

Survey completed September 28, 1920

Address of claimant John Mackin, 513 N. State St., Chicago, Ill.

DATES OF AMENDED LOCATIONS.

Mineral SURVEY NO. 3695.

feet.

Hawk lode.

Beginning at Cor. No. 1.

A limestone rock, 24 X 8 X 6 ins., set 12 ins., in the ground, marked with a cross at the exact corner point with H-1-3695 on northeast face.

Identical with the location and with Cor. No. 2, Pigeon lode, this survey.

A yellow pine tree, 15 ins., diam., bears S 79°00'E., 44.30 ft., marked X B T 3695-H-1-P-2.

A yellow pine tree, 18 ins., diam., bears S 89° 27'W., 25.40 ft., marked X B T 3695.

U. S. M. M. No. 1 bears S 13°07'20"W., 7780.03 ft.,

Cor. No. 4, Grant lode, Sur. No. 3707 bears N 89°32'W., 544.15 ft.

Cor. No. 3, Copper Con lode, Sur. No. 3102 bears N 81°06'30"E., 298.30 ft.

Thence N 16°52'W.,

1500.00

To Cor. No. 2.

A limestone rock 24 X 7 X 7 ins., set 12 ins. in the ground in a mound of earth and stone, marked with a cross at the exact corner point with H-2-3695 on the southeast face.

Identical with the location.

A yellow pine tree 18 ins., diam., bears N 65°35'E., 28.10 ft., marked X B T 3695.

A yellow pine tree 12 ins., diam., bears S 36°46'E., 100.00 ft., marked X B T 3695-H-2.

Thence N 73°08'E.,

300.00

To the north end center of the location.

The discovery cut bears S 16°52'E., 1300.00 ft.

600.00

To Cor. No. 3.

A limestone rock, 24 X 8 X 6 ins., set 12 ins., in the ground in a mound of earth and stone, marked with a cross at the exact corner point with H-3-3695 on the

feet.

Hawk lode, continued.

southwest face.

Identical with the location.

A yellow pine tree, 22 ins., diam., bears N 69° 52'E., 22.30 ft., marked X B T 3695.

A yellow pine tree, 24 ins., diam., bears S 21° 22'W., 64.20 ft., marked X B T 3695- H-3.

Thence S 16°52'E.,

1500.00

To Cor. No. 4.

A limestone rock, 24 X 8 X 8 ins., set 12 ins. in the ground in a mound of earth and stone, marked with a cross at the exact corner point with H-4-3695 on northwest face.

Identical with the location and with Cor. No. 3, Pigeon lode, this survey.

A yellow pine tree 24 ins., diam., bears S 24°16'E. 16.70 ft., marked X B T 3695.

A yellow pine tree, 20 ins., diam., bears S 76°26'W., 61.40 ft., marked X B T 3695-H-4-P-3.

Thence S 73°08'W.,

300.00

To the south end center of the location.

Identical with the north end center of the Pigeon lode, this survey.

The discovery cut bears N 16°52'W., 200.00 ft.

600.00

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

Variation at all corners, 15°30' East.

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PIGEON lode.

Beginning at Cor. No. 1.

A point on the side of an open cut of the Copper Glance lode, Sur. No. 3102, where it is impossible to set a permanent corner, therefore at a point on the side line, N 37°34'W., 10.04 ft. from the true point for corner I set a witness corner to Cor. No. 1 as herein after described.

SURVEY NO. 3695.

feet.

Pigeon lode, continued.

From At the true point for Cor. No. 1, which is identical with the location.

U. S. M. M. No. 1, bears S 18°49'W., 7228.52 ft.

Cor. No. 2, Sur. No. 3102, Copper Glance lode bears N 84°21'W., 78.50 ft.

Thence N 37°34'W.

8.00 Top of open cut, bears S 60°W. and N 60°E.

10.04 To witness corner to Cor. No. 1.

A limestone rock, 24 X 8 X 8 ins., set 12 ins. in the ground in a mound of earth and stone, marked with a cross at the exact corner point with W C P -1-3695 on the north face.

A yellow pine tree 18 ins. diam., bears S 28°27'W., 51.40 ft., marked X B T 3695 W C.

A yellow pine tree 20 ins., diam., bears N 20°16'E., 81.40 ft., marked X B T 3695 W C-P-1.

28.76 Intersect the line 2-3, Sur. No. 3102, Copper Glance lode at N 76°02'E., 62.43 ft. from Cor. No. 2.

184.70 Intersect the line 3-4, Sur. No. 3102, Copper Con lode at S 13°58'E., <sup>653.69</sup>~~753.59~~ ft. from Cor. No. 3.

898.05 Intersect the line 2-3 Sur. No. 3102, Copper Con lode at S 76°02'W., 285.59 ft. from Cor. No. 3.

926.85 To Cor. No. 2.

A limestone rock previously described on which I mark P-2-3695 on the southeast face.

Identical with the location and with Cor. No. 1 of the Hawk lode, this survey.

Thence N 73°08'E.

300.00 To the north end center of the location.

Identical with the south end center of the Hawk lode, this survey.

The discovery cut bears S 37°34'E., 821.85 ft.

600.00 To Cor. No. 3.

A limestone rock previously described on which I

SURVEY NO. 3695.

feet.

PIGEON lode, continued.

mark P-3-3695 on the south face.

Identical with the location, and with Cor. No. 4 of the Hawk lode, this survey.

Thence S 37°34'E.

926.85

To Cor. No. 4.

A limestone rock, 24 X 10 X 6 ins., set 12 ins. in the ground in a mound of earth and stone, amrked with a cross at the exact corner point with P-4-3695 on the northwest face.

Identical with the location.

A yellow pine tree 14 ins., diam., bears S 32°09'E., 14.50 ft., marked X B T 3695.

A yellow pine tree 24 ins., diam., bears S 79°03'W., 34.50 ft., marked X B T 3695-P-4.

Thence S 73°08'W.,

79.11

Intersect line 2-3 Sur. No. 3102, Copper Glance lode at N 76°02'E., 594.16 ft. from Cor. No. 2.

300.00

To the south end center of the location.

The discovery cut bears N 37°34'W., 105.00 ft.

565.00

Edge of open cut, bears N60°E., and S 60°W.

600.00

To true point for Cor. No.1, the place of beginning.

Variation at all corners 15°30'East.

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LODE LINES.

As near as can be determined from present developments, the veins in the claims of this survey extend as follows:

Hawk lode;- N 16°52'W., 1300.00 ft., and S 16°52'E., 200.00 ft. from the discovery cut.

Pigeon lode:-N 37°34'W., 821.85 ft., and S 37°34'E., 105.00 ft. from the discovery cut.

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SURVEY NO. 3695.

LOCATION.

This survey is located in the Warm Springs Mining District, in Coconino County, Arizona, in approximately section 1, T. 38 N., R. 1 E., of the G. & S. R. B. & M., unsurveyed, in Kaibab National Forest Reserve.

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AREA.

	Acres.
Total area Hawk lode.....	20.661
Total area Pigeon lode.....	11.942
Area in conflict with Sur. 3102:	
Copper Con lode.....	2.143
Copper Glance lode.....	0.161

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EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements made upon and for the benefit of, each of the claims embraced in this survey, by the claimant or his grantors is not less than five hundred dollars and that said improvements consist of:

Hawk lode.

No.1, the discovery cut, an open cut, 8 ft. wide, 6 ft. deep, extending N 38°E., 37 ft. from the point of discovery which is on the lode line N 16°52'W., 200.00 ft. from the south end center.

Value.....\$200.00

No.2, an open cut, 5 ft. wide, 3 ft. deep extending S 60°W., 50 ft. The face of this cut bears N 40°E., 220.00 ft. from Cor. No. 1.

Value.....\$150.00

No.3, an open cut, 8 ft. wide, 3 ft. deep, extending west 20 ft. The face of this cut bears N 54°E., 160.00 ft. from Cor. No. 1.

Value.....\$100.00

SURVEY NO. 3695.

EXPENDITURE OF FIVE HUNDRED DOLLARS, continued.

Hawk lode, con.

No. 4, an open cut, 10 ft. wide, 3 ft. deep extending west 20 ft. The face of this cut is on the lode line, N 16°52'W., 460.00 ft. from the south end center.

Value..... \$ 50.00

No. 5, an open pit, 12 ft. X 8 ft.- 4 ft. deep.

The center of this pit is on the lode line, N 16°52'W., 480.00 ft. from the south end center.

Value.....\$ 35.00

Pigeon lode.

No. 1, the discovery cut, an open cut, 6 ft. wide, 6 ft. deep extending S 76°W., 70 ft., extending N 76°E., 15 ft., and extending N 6°30'W., 28 ft. all from the point of discovery which is on the lode line N 37°34'W., 105.00 ft. from the south end center.

Value..... \$565.00

No. 2, an open pit, 10 ft X 10 ft. X 10 ft. deep.

The center of this pit bears S 57°52'W., 138.00 ft. from the point of discovery.

Value..... \$100.00

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REPORT.

The side and end lines and all other lines were run directly on the ground. The end centers of location are monuments of stone 3 ft. high, 3 ft. base.

U.S.M.M. No. 1 is a post, 6 ins. square, 6 ft. above ground, properly marked and set in a mound of stone 6 ft. base, 12 ins. high.

Sar. No. 3707, Grant lode; The corner tied to is a limestone rock, firmly set in the ground, properly witnessed and marked with the number of the corner and survey.

SURVEY NO. 3695.

REPORT, continued.

Sur. No. 3102:

Copper Glance lode. The corner tied to is a pine post properly set and scribed with the number of the corner and survey. I find the course of the line 2-3 to be N 76°02'E., and hereby report the original survey to be in error ~~that amount.~~

Copper Con lode; The corners tied to are pine posts, properly set and scribed with the number of the corner and survey. I find the course and distance of the line 2-3 to be N 76°02'E., 620.50 ft., and the course and distance of the line from Copper Con Cor. No.3, to Copper Glance Cor. No. 2, along the 3-4 line of the Copper Con lode to be S 13°58'E., 796.59 ft., and hereby report the original survey to be in error ~~that amount.~~

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INSTRUMENT AND MERIDIAN.

The survey was made with a 100 ft. and 500 ft. tape and a Berger Mining transit.

The meridian was determined by elongation observation on polaris.

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Conflicting and surrounding claims.

The Pigeon lode is joined on the south and conflicts with the Copper Glance lode, Sur. No. 3102, and on the west adjoins and is in conflict with the Copper Con lode Sur. No. 3102. On all other sides the claims embraced in this survey are surrounded by public domain.

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The differences between the <sup>location</sup> notices and the survey are due to error in the former.

Kingman, Arizona.

U.S. Mineral Surveyor.



# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Leon H. Foster  
 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 \_\_\_\_\_  
 \_\_\_\_\_ John Mackin \_\_\_\_\_  
 known as the Hawk and Pigeon lodes \_\_\_\_\_  
 and showing the respective capacities in which they acted.

- \_\_\_\_\_ Fred W. Rodolf \_\_\_\_\_, *Chainman.*
- \_\_\_\_\_ \_\_\_\_\_, *Chainman.*
- \_\_\_\_\_ \_\_\_\_\_, *Aceman.*
- \_\_\_\_\_ \_\_\_\_\_, *Flagman.*

## FINAL OATHS OF ASSISTANTS.

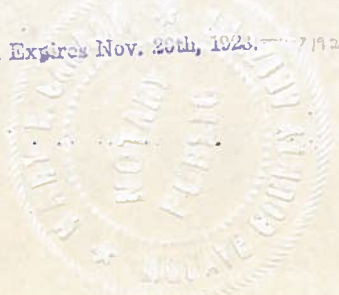
I, Fred W. Rodolf \_\_\_\_\_  
 \_\_\_\_\_, do solemnly swear that <sup>I</sup> ~~we~~ assisted Leon H. Foster  
 \_\_\_\_\_, United States Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of John Mackin \_\_\_\_\_  
 \_\_\_\_\_  
 known as the Hawk and Pigeon 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 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. \_\_\_\_\_

- Fred W. Rodolf \_\_\_\_\_, *Chainman.*
- \_\_\_\_\_ \_\_\_\_\_, *Chainman.*
- \_\_\_\_\_ \_\_\_\_\_, *Aceman.*
- \_\_\_\_\_ \_\_\_\_\_, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 2nd  
 day of December \_\_\_\_\_, 1920

My Commission Expires Nov. 20th, 1923. 71923

Mary E. Carrow  
 \_\_\_\_\_  
 Notary Public



FINAL OATH OF U. S. MINERAL SURVEYOR.

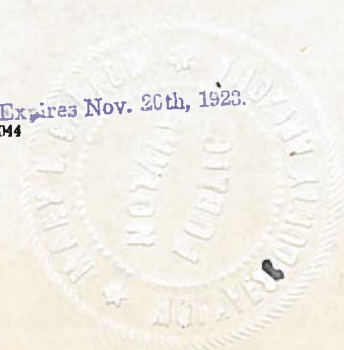
I, Leon H. Foster, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated September 16, 1920, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor General, faithfully and correctly executed the survey of the Mining Claim of John Mackin, known as the Hawk and Pigeon lodes, situate in Warm Springs Mining District, Coconino County, Arizona, approximately in Section 1, Township No. 38 N., Range No. 1 E. G. & S. R. B. & M., unsurveyed, and designated as Survey No. 3695, 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 his 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.

Leon H. Foster
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Leon H. Foster
U. S. Mineral Surveyor, before me Mary Public
this 2nd
day of December, 1920

Mary E. Carrow
Notary Public

My Commission Expires Nov. 20th, 1923.
6-1044



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

February 8, 1921

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

JOHN MACKIN

known as the HAWK and PIGEON LODES,

situate in WARM SPRINGS

Mining District, COCONINO County, ARIZONA

approximately 1, Township No. 38 North, Range No. 1 E., Unsur., and

designated as Survey No. 3695, 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 his grantors, and that said improvements consist of 5 cuts and 2 pits, total value \$1200.

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.

February 8, 19 21

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

JOHN MACKIN

, known as the

HAWK and PIGEON LODES.

situate in WARM SPRINGS mining district,

COCONINO County, ARIZONA

approximately in Section 1, Township No. 38 North, Range No. 1 E.

Unsurveyed, designated as Survey No. 3695

executed by Leon H. Foster, U. S. Mineral

Surveyor, September 28, 1920, under my instructions dated

September 16, 1920, 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. 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.

Handwritten signature of Frank A. Frost

U. S. Surveyor General for Arizona.