

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

MINERAL SURVEY NO. 4247

ARIZONA Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

LYMAN C. HARRIS

Known As The

CUYAHOGA # 6 , and CUYAHOGA # 7 lodes

WHITE PICACHO Mining District,

MARICOPA County, ARIZONA

Section 19, Township 7 N., Range 2 W.

Surveyed under instructions dated Jan. 23, 19 41

by J. WILLIAM WAARA
Mineral Surveyor.

Claims located Cuyahoga #6, April 21, 1923
Cuyahoga #7, April 23, 19 23

Survey commenced Feb. 1, 19 41

Survey completed Feb. 6, 19 41

Address of claimant Lyman C Harris,

General Delivery
Phoenix Arizona.

DATES OF AMENDED LOCATIONS

MINERAL SURVEY NO. 4247

Mineral Survey No. 4247 was made with a Lietz Light Mountain transit No. 9503 Model No. 9 with horizontal limb 5 inches in diameter having double opposite verniers and full vertical circle 5 inches in diameter, having double opposite verniers; the horizontal verniers reading to thirty seconds of arc, and the vertical verniers reading to one minute of arc; the eye piece is fitted to receive a prismatic eye piece suitable for making direct observations upon the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order. Altitude observations of the sun for azimuth, and at noon on the meridian for latitude were made, the details of which observations are shown in the calculations sheets herewith submitted for examination. All azimuths in this record are referred to the true meridian thus determined, by the method of deflection angles and calculated courses.

The lines were measured with a 1/8 inch steel tape 500 feet in length, graduated every foot, which was compared with a steel standard tape at the time of beginning the survey and found correct.

All lines and connections of this survey were run by direct methods. The magnetic variation observed at each corner of the survey gave a uniform value of 14°-30'E.

CUYAHOGA # 6 lode

Beginning at Cor. No. 1, of the Cuyahoga # 6 lode; identical with Cor. No. 4 Cuyahoga # 7 lode of this survey, Set a 3/4 inch iron pipe 42 inches long 18 inches into the ground, and surrounded by a substantial mound of stone

fitted on its top with a floor flange and three inch diameter copper plate attached thereto, marked C U 6

C U 7 4
1/4 4247/ with its center for exact corner point, whence,

The 1/4 section corner between Sections 19 and 20 T. 7 N. R 2 W of the Gila and Salt River Meridian brs. S. 27°-23'-20"E. 1096.3 feet.

No other bearings available.

	Thence S.57°-22'W.
feet	Along line 4-3 Cuyahoga #7 lode, this survey.
660	Cross small dry wash, flows northwesterly.
845	Cross mine road brs. southeast to northwest.
1500.0	COR. No.2, identical with Cor. No.3 Cuyahoga # 7 lode of this survey.
	Set a 3/4 inch iron pipe 42 inches long 18 inches into the ground and surrounded by a substantial mound of stone, fitted on its top with a floor flange and three inch diameter copper plate attached thereto, marked C U 6 2, C U 7 3, 4247 with its center for exact corner point, whence;
	No bearings available.
	Thence N.24°-00'-30"W.
303.3	Intersect the west end of the lode line at the WEST CENTER END, built a substantial mound of stone.
606.6	COR. No.3.
	Set a 3/4 inch iron pipe 42 inches long 18 inches into the ground and surrounded by a substantial mound of stone, fitted on its top with a floor flange and three inch diameter copper plate attached thereto, marked C U 6 3 4247 with its center for exact corner point, whence,
	No bearings available.
	Thence N.57°-22'E.
385	Cross mine road brs southeast to northwest.
575	Cross small dry wash, flows northwesterly.
1500.0	Cor. No.4.
	Set a 3/4 inch iron pipe 42 inches long 18 inches into the ground and surrounded by a substantial mound of stone, fitted on its top with a floor flange and three inch diameter copper plate attached thereto. marked C U 6 4 4247 with its center for exact corner point, whence,
	No bearings available.
	Thence S. 24°-00'-30"E.
303.4	Intersect the east end of the lode line at the EAST CENTER END, built a substantial mound of stone.
606.8	To Cor. No.1 and place of beginning.

CUYAHOGA # 7 lode

Beginning at Cor No.1 of the Cuyahoga #7 lode;

Set a 3/4 inch iron pipe 42 inches long 18 inches in the ground and surrounded by a substantial mound of stone, fitted on its top with a floor flange and three inch diameter copper plate attached thereto, marked C U 7 1 4247 with its center for exact corner point whence,

A porphyry reef 20 x 10 x 10 feet exposed and chiseled BxR C U 7 1 4247 brs. S.31°-58'E. 68.9 feet.

Section

The 1/4/Corner between sections 19 and 20 brs. S.31°-33'-30"E. 491.9 feet.

Thence S.57°-22'W.

1500.0 COR. No.2

Set a 3/4 inch iron pipe 42 inches long 18 inches into the ground and surrounded by a substantial mound of stone, fitted on its top with a floor flange and three inch diameter copper plate attached thereto, marked C U 7 2 4247 with its center for exact corner point, whence;

No bearings available.

Thence N.24°-00'-30"W.

303.4 / Intersect the west end of the lode line at the WEST CENTER END, built a substantial mound of stone.

606.8 COR.NO. 3 identical with Cor. No. 2 Cuyahoga # 6 lode of this survey,

Corner previously described.

Thence N.57°-22'E.

Along line 2-1 Cuyahoga #6 lode, this survey.

655 Cross mine road brs. southeast to northwest.

840 Cross small dry wash, flows northwesterly.

1500.0 Cor. NO.4, identical with Cor. No.1 Cuyahoga # 6^{lode} of this survey.

Corner previously described.

Thence S.24°-00'-30"E.

303.4 / Intersect the east end of the lode line at the EAST CENTER END, built a substantial mound of stone.

606.8 To Cor. No.1 and place of beginning.

LODE LINES

The presumed course of the veins of the locations embraced in this survey, counted from the respective points of discovery, are as follows;

Cuyahoga # 6 lode

N.57°-22'E. 670 feet and S.57°-22'W. 830 feet.

Cuyahoga # 7 lode

N.57°-22'E. 695 feet and S.57°-22'W. 805 feet.

AREA

CUYAHOGA # 6 LODE

Total area ----- Acres 20.656

CUYAHOGA # 7 LODE

Total area ----- 20.659

LOCATION

This survey is located in the east 1/2 of Sec. 19, T.7 N., R.2 W of the Gila and Salt River Meridian, in Maricopa County, State of Arizona.

The survey of the Cuyahoga #6 and Cuyahoga # 7 lodes is identical with the locations as marked upon the ground.

EXPENDITURE OF FIVE HUNDRED DOLLARS

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

Cuyahoga # 6 lode.

No.1 The discovery cut of the Cuyahoga # 6 lode, the center of the face of which is on the lode line and bears S.57°-22'W. 670 feet from the East Center End, cut 4x15x10 foot face, caved, brs. northeast.

Value \$75.00

No.2 Trench 2x10x1ft. the center of which brs. N.53°-30'E. 600 feet from Cor. No.2, brs northeast to southwest.

Value \$5.00

To be accredited to this lode is an equal undivided 1/9 th interest in Improvement No. 2 Cuyahoga #7 lode of this sur-

vey, as described under heading "Common Improvements".

Value 1/9 th interest \$650.00

Cuyahoga # 7 lode.

No.1 The discovery cut of the Cuyahoga #7 lode, the center of the face of which is on the lode line and bears S.57°-22'W. 695 feet from the East Center End, cut 4x14x10 foot face brs. south.

Value \$75.00

No.2 Main Shaft and Tunnel, the center of the shaft brs. S.82°-20'W. 600 feet from Cor. No.1, 5x7 feet, brs N.53°W. on 40° dip, 160 feet, thence on tunnel level N.37°E. about 70 feet, thence N 10 °W. about 65 feet to portal of tunnel, (tunnel and shaft inaccessible), tunnel 4x6 x 135 feet and shaft 160 feet .

Total value \$ 5850.00

To be accredited to this lode is an equal undivided 1/9th interest in the above improvement, ~~by whose name the lode of this survey~~ as described under heading "Common Improvements"

No.3 Cut and Tunnel, the mouth of cut brs. N.57°-22'E. 435 feet from West Center End, cut 4 feet wide runs S.10°W. 30 feet to portal of tunnel, thence tunnel 4x6^{ft.} runs S.10°W. 4 feet thence S.76°W. 13 feet to face, having a total length of cut 4x30x10 foot face and tunnel 4x6x17 feet long.

Value \$370.00

No.4 Cut, the center of the face of which brs. S.89°-45'W. 525 feet from Cor. No.1, cut 4x16x10 foot face, brs east,

Value \$75.00

No. 5 Shaft, the center of which brs, N.73°E. 567 feet from Cor. No.3, 4x6x15 feet deep, caved.

Value \$100.00

No.6 Cut and Tunnel, the mouth of tunnel brs N.57°-22'E. 685 feet from West Center End, Cut 4x12x9 foot face, tunnel 4x6x6 feet. brs, southeast.

Value \$100.00

No.7 Cut, the mouth of which brs. N.86°-30'E. 538 feet from Cor. No.3, cut 4x35x 15 foot face, brs southeast.

Value \$200.00

COMMON IMPROVEMENTS.

Improvement No.2 Cuyahoga #7 lode of this survey, is the main working shaft and adit tunnel for the operation and development of the nine locations comprising this group, now owned by the claimant. These locations are the Cuyahoga # 1-2-3-4-5-6-7-8-and 9/^{being} adjoining and contiguous. The nature of the topography is such that with depth in the shaft and extension of the tunnel, veins in the respective locations may be intercepted and developed. I consider improvement No.2 Cuyahoga #7 lode a "Common Improvement" and of such a nature as to redound to the benefit of all the locations mentioned above. The work in this improvement has been performed subsequent to the location of the claims to which its value is allotted.

and common ownership	Total value	\$5850.00
An Undivided 1/9 interest		\$650.00

OTHER IMPROVEMENTS

A gallows frame and trestle has been built at improvement No.2 on the Cuyahoga #7 lode.

OTHER CORNER DESCRIPTIONS

The ^{section} 1/4 corner between Sections 19 and 20 T.7 N.E.2 W is a pipe with cap properly set and marked as called for in the field notes of the Public Land Survey.

The discrepancies found existing between the claims as marked by the location monuments and as described in the location notices are due to errors in the location notices.

REPORT

Owing to the distance from the nearest Notary Public and the expense and delay which would be involved, for my assistants to appear before one, I took the acknowledgments of my assistants in my capacity as a Mineral Surveyor.

ADJOINING CLAIMS.

This survey is adjoined on the east by the Cuyahoga #3 lode, and on the south by the Cuyahoga #8 and Cuyahoga #9 lodes, claimant herein, as shown on the "Group" map herewith.

Diagram of Cuyahoga Group

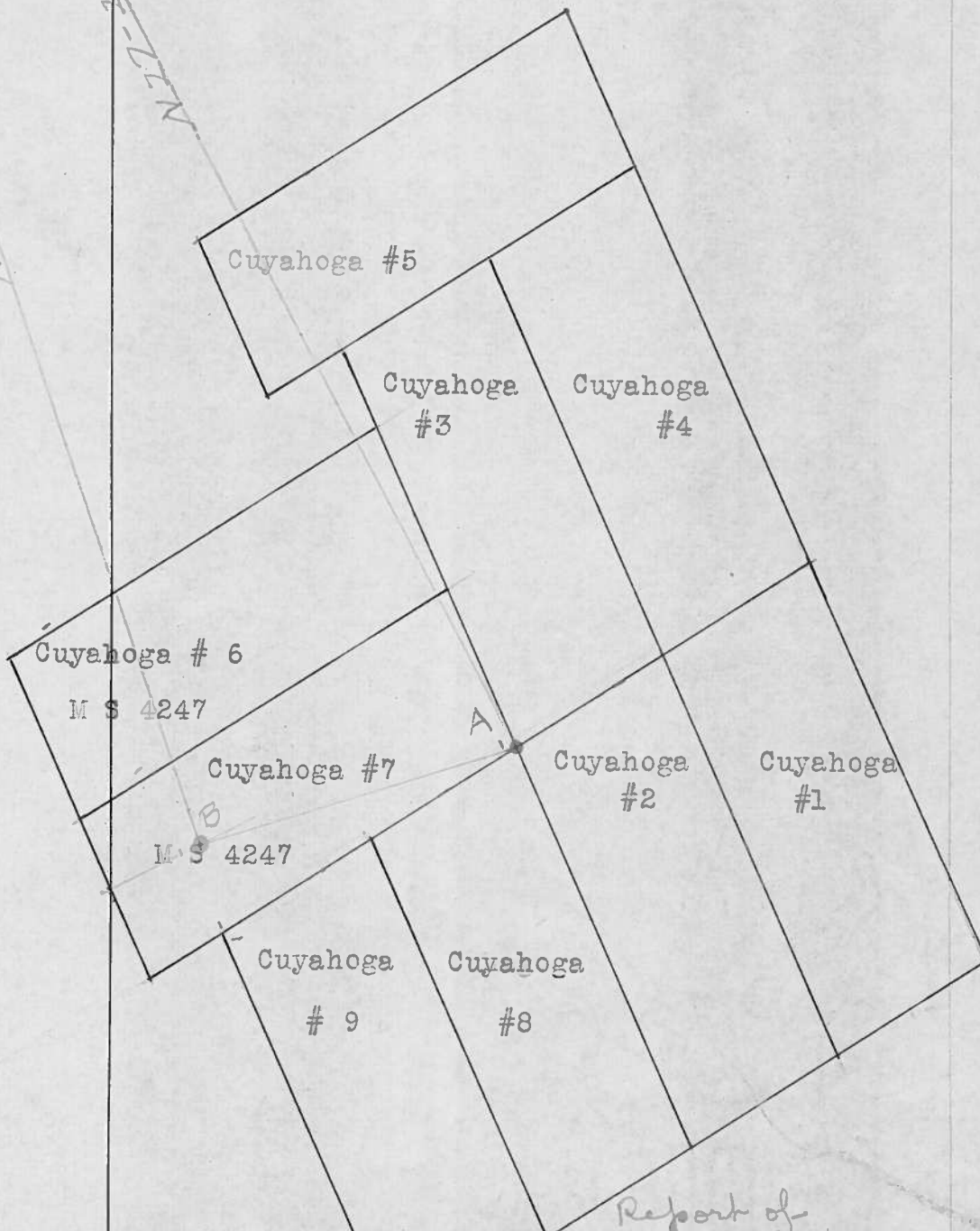
#s 1 to 9

For
Common Improvement Report
M.S. 4247

by
J. William Waara
Mineral Surveyor G.L.O.

Feb. 15, 1941

To U.S. M.M.S.
No. 1431
N 18-39W
N 77-23-30W



Report of
Triangulation to U.S. M.M.S.
1431 on file with notes
of that group.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FINAL OATHS FOR SURVEYS

LIST OF NAMES

A list of the names of the individuals employed by J. William Waara

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 _____

Lyman C Harris

known as the Cuyahoga # 6 and Cuyahoga # 7 lodes

and showing the respective capacities in which they acted.

W.A. Cox, Chairman.

Daniel Howerton, Chairman.

_____, Axman.

_____, Flagman.

FINAL OATHS OF ASSISTANTS

We, W A Cox

and Daniel Howerton, do solemnly swear that we assisted J. William

Waara, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Lyman C. Harris

known as the Cuyahoga # 6 and Cuyahoga # 7 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 instructions furnished by the Office Cadastral Engineer, at Phoenix Arizona

W.A. Cox, Chairman.

Daniel Howerton, Chairman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to by the above-named persons before me this 6th.

day of February, 19 41.

J. William Waara
Mineral Surveyor G.L.O.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FINAL OATH OF MINERAL SURVEYOR

I, J. WILLIAM WAARA, Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the Office Cadastral
Engineer, at Phoenix Arizona, dated Jan. 23, 1941,
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 _____
Lyman C Harris, known as the
Cuyahoga #6 and Cuyahoga #7 lodes,
situate in White Picacho Mining District,
Maricopa County, Arizona, in Section
19, Township No. 7 N., Range No. 2 W.
and designated as Survey No. 4247, 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 im-
provements 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.

J. William Waara
(Mineral Surveyor)

Subscribed and sworn to by the said J. William Waara
Mineral Surveyor, before me at Phoenix, Arizona
this 24th
day of February, 1941.

L. S. Kernell
U.S. Commissioner.

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

United States
Department of the Interior
GENERAL LAND OFFICE
PUBLIC SURVEY OFFICE

Phoenix, Arizona

March 24, 1941

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

Lyman C. Harris

known as the CUYAHOGA #6, and CUYAHOGA #7 lodes

situate in White Pine

Mining District Maricopa County Arizona

in Section 19, Township No. 7 N., Range No. 2 W., and

designated as Survey No. 4247, 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 his grantors, and that said improvements consist of 6 cuts, 1 trench, 2 shafts and 3 tunnels, total value \$6850, \$4550 of which is reserved for claims not embraced in this survey,

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 District Land Office at Phoenix, Arizona is correct and in conformity with the foregoing Field Notes.

Sherman G. Yick

Office Cadastral Engineer.

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF
MINING CLAIM

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE
PUBLIC SURVEY OFFICE

At..... Phoenix, Arizona.....

..... March 24....., 19 41

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

..... Lyman C. Harris.....

....., known as the

..... CUYAHOGA #6. and CUYAHOGA #7. lodes.....

situate in..... White Picacho..... mining district,

..... Maricopa County,..... Arizona.....

in Section..... 19....., Township No. 7 N.,....., Range No. 2 W.

....., designated as Survey No. 4247.....

executed by..... J. William Waara....., Mineral

Surveyor,..... February 1 - 6....., 19 41, under my instructions dated

..... January 23....., 19 41, 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.

Sherman C. Fiske
.....
Office Cadastral Engineer.