

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Mineral Survey Number

4596

State

Arizona

Land District

FIELD NOTES

Of the Survey of the Mining Claim of *(Name & address of Claimant)*

Gerald Hess  
Box 537  
Hayden, Arizona

Known as the *(Name of group, if any)*

CONSISTING OF LOCATIONS NAMED AND LOCATED AS FOLLOWS

NAME OF LOCATION	DATE	
	LOCATED	AMENDED
Montezuma # 1	10/17/59	

Mining District Organ Pipe Cactus National Monument		County Pima	Section 8
Township 15 S	Range 4 W	Meridian Gila and Salt River	Surveyed under order dated July 10, 1962
Survey commenced July 16, 1962	Survey completed August 3, 1962	Name of Mineral Surveyor Sidney C. Kain	

STATE OF TEXAS  
DEPARTMENT OF LAND MANAGEMENT  
LAND OFFICE

Form 100  
1954

100-100-100

Section 10, Township 10N, Range 10E, County 10C, State of Texas

Acres 10.0000

Surveyed by 10/10/10

Plat No. 100-100-100

100-100-100

Section 10, Township 10N, Range 10E, County 10C, State of Texas

Acres 10.0000

Surveyed by 10/10/10

Plat No. 100-100-100

100-100-100

## SURVEY NO. 4596

1.

Chains  
Feet

This survey was made with a K. and E. one minute transit, No. 81016, with a horizontal limb 5 ins. diam., having two double verniers; the verniers read to one minute of arc; the eye piece is equipped with a colored shade set at  $90^\circ$ , for making direct observations upon the sun. The instrument was in good condition at the time of survey and all adjustments were in good order.

All azimuths in this record were determined by the method of deflection angles referred to the meridian determined by the following observation:

July 24, 1962, at Cor. No. 1 of the Montezuma #1 lode, in latitude  $32^\circ 06'$  N. and longitude  $112^\circ 40'$  W., I made a series of six altitude observations on the sun for azimuth at approximately equal time intervals, three each with the telescope in the direct and reverse positions, observing the opposite limbs of the sun and reading a horizontal angle from a reference point to the northwest. True bearing of reference point N.  $75^\circ 52'$  W.

The lines were measured with a Lufkin steel tape 301 feet in length, graduated every foot with the first and last feet graduated to hundredths and tenths of a foot. The tape was compared with a standard tape at time of survey and found to be correct.

All lines and connections of this survey were run by direct methods.

The magnetic declination observed at each corner was observed to be  $14^\circ$  E.

## MONTEZUMA #1 LODE

At cor. No. 1 of the Montezuma #1 lode, identical with the NW. cor. of the Montezuma #6 lode unsurveyed.

Set a steel pipe, 30 ins. long, 1 inch diam., 20 inches in the ground, with an aluminum cap, 2 ins. diam., marked USMS 4596 MONTEZUMA 1-1, from which

The  $\frac{1}{4}$  sec. cor. of secs. 5 and 8, T. 15 S., R. 4 W., G. & S.R. Meridian, Arizona, bears N.  $8^\circ 15'$  W., 204.2 ft. dist., an iron post, 1 inch diam., 12 ins. above ground, firmly set, mkd. and witnessed as described in the official record.

An aluminum cap, 2 ins. diam., cemented into rock in place, bears N.  $49^\circ 51'$  E., 45.8 ft. dist., mkd. MONTEZUMA 1-1 USMS 4596 B. O.

A wood post, 4x4 ins., painted white and set in a mound of stone, bears S.  $82^\circ 42'$  E., 14.8 ft. dist., mkd. NEC MONTEZUMA 2.

Thence S.  $17^\circ 38'$  W.

219.	Wash, 5 ft. wide, course NW.
300.	Road, bears E. and W.
1384.	Small wash, course SW.
1500.0	Cor. No. 2, identical with the SW. cor. of the Montezuma #6 lode,

Chain Feet	
	<p>the NW. cor. of the Montezuma #5 lode and the NE. cor. of the Montezuma #2 lode, all unsurveyed.</p> <p>Set a steel pipe, 30 ins. long, 1 inch diam., 20 ins. in the ground, with an aluminum cap, 2 ins. diam., mkd. USMS 4596 MONTEZUMA 1-2, from which</p> <p style="padding-left: 40px;">A wood post, 4x4 ins. painted white and set in a mound of stone, bears S. 10°38' W., 76.5 ft. dist., mkd. MONTEZUMA 1 SEC.</p> <p style="padding-left: 80px;">Thence N. 75°52' W.</p>
168.	Small wash, course SW.
300.0	<p>Lode line, identical with the NCE of the Montezuma #2 lode, unsurveyed; discovery point bears N. 17°38' E., 750.0 ft. distant.</p> <p>Set a steel pipe, 30 ins. long, 1 inch diam., 20 ins. in the ground, with an aluminum cap, 2 ins. diam., mkd. USMS MONTEZUMA 1 SCE, from which</p> <p style="padding-left: 40px;">A wood post, 4x4 ins., painted white and set in a mound of stone, bears S. 17°38' W., 55.5 ft. dist., mkd. SCE MONTEZUMA 1.</p>
600.0	<p>Cor. No. 3, identical with the NW. cor. of the Montezuma #2 lode, the NE. cor. of the Montezuma #4 lode and the SE. cor. of the Montezuma #3 lode, all unsurveyed.</p> <p>Set a steel pipe, 30 ins. long, 1 inch diam., 20 ins. in the ground, with an aluminum cap, 2 ins. diam., mkd. USMS 4596 MONTEZUMA 1-3, from which</p> <p style="padding-left: 40px;">An aluminum cap, 2 ins. diam., cemented into rock in place, bears N. 47°43' W., 99.5 ft. dist., mkd. USMS 4596 MONTEZUMA 1-3 BO.</p> <p style="padding-left: 40px;">A wood post, 4x4 ins., painted white and set in a mound of stone, bears S. 33°38' W., 74.0 ft. dist., mkd. MONTEZUMA 1 SWC.</p> <p style="padding-left: 80px;">Thence N. 17°38' E.</p>
318.	Small wash, course SW.
1090.	Small wash, course SW.
1264.	Road, bears E. and W.
1408.	Wash, 5 ft. wide, course NW.
1500.0	<p>Cor. No. 4, identical with the NE. cor. of the Montezuma #3 lode, unsurveyed.</p> <p>Set a steel pipe, 30 ins. long, 1 inch diam., 20 ins. in the ground, with an aluminum cap 2 ins. diam., mkd. USMS 4596 MONTEZUMA 1-4, from which</p> <p style="padding-left: 40px;">An aluminum cap, 2 ins. diam., cemented into rock in place, bears S. 84°42' E., 22.5 ft. dist., mkd. USMS 4596 MONTEZUMA 1-4 BO.</p> <p style="padding-left: 40px;">A wood post, 4x4 ins. painted white and set in a mound of</p>

XCHAS  
Feet

stone, bears N. 76°40' W., 24.5 ft. dist., mkd. MONTEZUMA  
1 NWC.

Thence S. 75°52' E.

300.0

Lode line; discovery point bears S. 17°38' W., 750.0 ft. distant.

Set a steel pipe, 30 ins. long, 1 inch diam., 20 ins. in the  
ground, with aluminum cap 2 ins. diam., mkd. USMS 4596 MONTEZUMA  
1 NCE, from which

A wood post, 4x4 ins. painted white and set in a mound of  
stone, bears S. 14°18' W., 23.0 ft. dist., mkd. NCE  
MONTEZUMA 1.

600.0

Cor. No. 1 and place of beginning.

#### AREA

Acres

Total area, Montezuma #1 lode 20.622

#### LOCATION

This survey is located in the NW  $\frac{1}{4}$  and NE  $\frac{1}{4}$  of section 8, T. 15 S.,  
R. 4 W., Gila and Salt River Meridian, Arizona.

The survey of the Montezuma #1 lode is identical with the location  
as marked on the ground.

#### EXPENDITURES

The improvements and the value of the labor and improvements  
made upon or for the benefit of the lode location embraced in  
said mining claim by the claimant or its grantors are as follows:

No. 1 The discovery point of the Montezuma # 1 lode is on the lode line,  
750 ft. from the center of line 4-1.

No value.

No. 2 The discovery shaft, the center of which bears S. 33°04' W.,  
848 ft. distant from Cor. No. 1; 6x6 ft. by 10 ft. deep in solid  
ore.

Value \$1,675.50

No. 3 A shaft, the center of which bears S. 29°03' W., 879.5 ft. dist.  
from Cor. No. 1; 4x4 ft. by 3 ft. deep in solid rock.

No value.

#### OTHER IMPROVEMENTS

A tool shed, the SW. cor. of which bears S. 2°16' E., 771.6 ft.  
dist. from Cor. No. 4; 9x10 ft. in size, the long side bears  
North.

Claimant herein.

Corner  
Feet

DESCRIPTIVE REPORT

The location certificate disagrees with the locations to the extent that direction of claim is S. 17°38' W., instead of South, and the distance between the corners were not measured correctly. Corner and end and discovery monuments are 4x4 posts 6 feet long, planted 2 feet in the ground, with mound of stones, all painted white.

The soil is very poor, and timber practically nonexistent. Rain-fall very scarce; humidity of air very low. Elevation above sea level approximately 2,000 feet.

FIELD ASSISTANTS

<u>Name</u>	<u>Capacity</u>
William S. Hewette, Jr.	Transitman
Carl W. Hacker	Chainman
Sidney C. Kain	Chainman

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

July 28, 1962

RECEIVED  
BUREAU OF LAND MANAGEMENT  
1963 FEB 28 PM 1:14  
PHOENIX, ARIZONA

I, SIDNEY C. KAIN

Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the Bureau  
of Land Management, at Phoenix, Arizona

dated July 10, 1962, I have faithfully and correctly executed the survey of  
the mining claim of GERALD HESS

known as the MONTEZUMA #. 1  
(Lode, placer, or mill site)

situate in ORGAN PIPE CACTUS NATIONAL MONUMENT

T. 15 S., R. 4 W., Salt River Meridian, Arizona, and  
(State)

designated as Survey No. 4596, which is represented in the foregoing field notes as having been  
executed by me and under my direction, and that said survey has been made in strict conformity with said order,  
the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner  
described in the foregoing field notes, and I do further certify that the labor expended and improvements made

upon or for the benefit of the Lode location(s) embraced in the said mining claim by  
(Lode or placer)

claimant(s) or his grantors are fully stated in my report therein, and that the character,  
extent, location, and itemized value thereof are specified therein with particularity and full detail, and that no  
portion of, or interest in, said labor and improvements so credited to this claim has been included in the estimate  
of expenditures upon any other claim.

Tucson, Arizona  
(Place)

Sidney C. Kain  
(Mineral Surveyor)  
SIDNEY C. KAIN

CERTIFICATE OF APPROVAL

Bureau of Land Management, State Office  
(Office)

Phoenix, Arizona Sept. 7, 1962  
(Place) (Date)

The foregoing field notes of mineral survey No. 4596, in Sec. 8

T. 15 S., R. 4 W., G. & S. R. Meridian,

Arizona, executed by Sidney C. Kain, Mineral Surveyor,  
(State)

under order dated July 10, 1962, having been critically examined and the necessary  
corrections made prior to their certification by the surveyor, the field notes and the survey therein described  
are hereby approved.

Fred J. Weiler  
Fred J. Weiler

State Director  
(Title)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of field notes of the above described mineral survey No. \_\_\_\_\_  
is a true copy of the original field notes.

\_\_\_\_\_  
(Title)

1963 FEB 28 PM 1:14  
TUCSON ARIZONA

CERTIFICATE OF SURVEYOR

I, the undersigned, being duly sworn, certify that in presence of an order received from the  
of said land, and  
I have faithfully and correctly executed the survey of  
the mining claim of  
shown on the  
located in  
Tucson, Arizona  
which is represented in the foregoing field notes as having been  
executed by me and under my direction and that said survey has been made in strict conformity with said order  
the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner  
outlined in the foregoing field notes, and I do further certify that the labor expended and improvements made  
thereon are for the benefit of the  
location(s) entered in the said mining claim by  
and that the character  
of the location and the nature and extent of the improvements included in the estimate  
of expenditures upon said claim

*[Signature]*  
Surveyor

CERTIFICATE OF APPROVAL

The foregoing field notes of mineral survey No. 11111, in Section 1, Township 12N, Range 12E, T12N, R12E, Arizona, were examined by me, and I find that the same are in conformity with the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner outlined in the foregoing field notes, and I do further certify that the labor expended and improvements made thereon are for the benefit of the location(s) entered in the said mining claim by  
and that the character of the location and the nature and extent of the improvements included in the estimate of expenditures upon said claim

*[Signature]*  
State Surveyor

CERTIFICATE OF TRANSMITTAL

I certify that the foregoing transcript of field notes of the above described mineral survey No. 11111, is a true copy of the original field notes.

*[Signature]*  
State Surveyor



UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (952)  
BUREAU OF LAND MANAGEMENT M.S. 4596  
ARIZONA STATE OFFICE

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NOTICE OF CANCELLATION OF MINERAL SURVEY

The Montezuma #1 lode, Mineral Survey No. 4596, located in section 8, Township 15 South, Range 4 West, Gila and Salt River Meridian, Arizona, is hereby canceled.

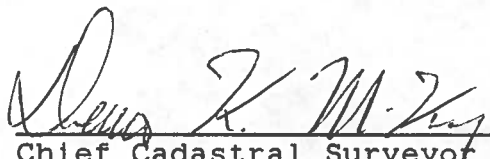
This claim has not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

This cancellation was necessitated to clear the record.

The Mineral Survey Plat should be noted as follows:

"Montezuma #1 lode, M.S. 4596 was canceled January 19, 1999, by memo 9605 (952) M.S. 4596, which is now a part of the original field notes."

January 19, 1999  
Date

  
Acting Chief Cadastral Surveyor of Arizona

