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SEP. 10. 1907  
SEP. 23. 1907

(4-683.)

Mineral Survey No. 2421.

Lot No. \_\_\_\_\_

Arizona Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Crittenden Cattle Company

KNOWN AS THE

MONARCH

Wrightson Mining District.

Santa Cruz County, Arizona.

Section 2, Township 22 S., Range 15 East

Surveyed under instructions dated MAY 18, 1907

by Philip Contzen,  
U. S. Deputy Mineral Surveyor

Claim located See location Notice

Survey commenced August 15th, 1907, 1

Survey completed August 16th, 1907, 1

6-17

Address of claimant:

Miss. M. E. Leverich,  
Attorney,

P.O. Box 984,

Phoenix, Ariz.

*The notebook  
Leverich  
P.O. Box  
area*

Feet.

SURVEY NO. 2421.

## MONARCH LODE.

Beginning at corner No. 1. A mound of stone 3 ft base,  $2\frac{1}{2}$  ft. high, identical with location.

Set a porphyry stone 24 x 10 x 8 ins., 12 ins. in the ground, and raise a mound of stone alongside; chisel a (x) cross for exact corner point and M-1-2421;

Whence, Cor. of Secs. 1-2-11-12, Tps. 22 S., R. 15 E., Brs. S.  $26^{\circ} 33'$  E., 1956 feet.

An oak 8 ins. diam. brs. S.  $87^{\circ} 30'$  W., 30. ft.,

An oak 12 ins. diam. brs. S.  $27^{\circ} 30'$ , 6 ft., each blazed and scribed M-1-2421 B.T.

Thence N.  $19^{\circ} 24'$  W.

Var.  $12^{\circ} 40'$  E.

15 Gulch, course westerly  
300 East end center, which is a mound of stone, 3 ft. base,  $2\frac{1}{2}$  ft. high,, and identical with location.

542 To Cor. No. 2. A mound of stone 3 ft. base,  $2\frac{1}{2}$  ft. high, identical with location.

A sandstone 24 x 12 x 8 ins., set 12 ins. in the ground, with mound of stone alongside:

Chisel cross (x) on top of stone for exact cor. point, and M-2-2421; whence,

An oak 24 ins. diam. brs. S.  $27^{\circ}$  E., 107 feet.,

An oak 10 ins. diam. brs. N.  $88^{\circ} 30'$  E., 97.05 ft., each blazed and scribed M-2-2421 B T.

Thence S.  $59^{\circ} 36'$  W.,

Var.  $12^{\circ} 40'$  E.

250 Temporal Gulch, course SW., 50 ft. wide.

730 Gulch, course SE., width 30 ft.

1100 Gulch, course SE., width 30 ft.

1500 To Cor. No. 3.

A mound of stone 3 ft. base,  $2\frac{1}{2}$  ft. high, identical with location.

Chisel a cross (x) on a porphyry stone 24 x 14 x 8 ins., set 12 ins. in the ground, with mound of stone alongside, and M-3-2421 on top of stone at exact cor. point.

Feet.

Whence,

An oak 6 ins. diam. brs. S. 37° 30' W., 13.6 Ft.,

An oak 5 ins diam. brs. N. 47° 30' W., 33.5 Ft.,

each blazed and scribed M 3-2421

Thence S. 19° 24' E.

Var. 12° 40' E.

90 Gulch/ 5 ft. wide, course N. westerly,

242 West End Center, which is a mound of stone 3 ft. base,  
2½ ft/ High, identical with location.

542 To cor. No. 4.

stone

A granite <sup>stone</sup> 24 x 14 x 10 ins., set 12 ins. in the ground, with mound of stone alongside, chisel a cross (x) on top of stone for exact cor. point, and M-4-2421;

Whence,

An oak 8 ins. diam. brs. S. 51° 15' E., 136 ft.,

An oak 8 ins. diam/ brs. S. 38° 30'E., 130 ft.,

each blazed and scribed M-4-2421 B T.

Old location monument, which is a mound of stone 3 ft. base, 3 ft. high, brs. S. 19° 24' E., 17 Ft.

Thence,

N. 59° 36' E.

Var. 12° 40' E.

500 Temporal Gulch, course SW., width 60 feet.

1450 Gulch, 5 ft. wide, course westerly.

1500 To corner No. 1, the place of beginning

AREA.This claim contains 18.32<sup>1</sup>/<sub>10</sub> ASLOCATION

This claim is located in the SE ¼ of Sec. 2, Tp. 22 S., R. 15 E., surveyed, Gila and Salt River Base and Meridian, Santa Cruz County, Arizona, in Whrightson Mining District.

There are no adjoining mining claim.

COURSE OF VEIN.

The presumed course of the vein on this claim is from the west end center to the east end center, N. 59°

36' E., 1500 feet.

EXPENDITURE OF FIVE HUNDRED DOLLARS

I hereby certify that the value of the labor and improvements upon this claim, placed thereon by the claimant and its grantors, is not less than \$500.00, and that improvements consist of the following:

From the west end center:

Discovery shaft No.1:

4 x 6 x 10 ft., brs. N.59° 36' E., 20 ft. Value, \$100.00

Tunnel No. 2, 4, x 6 ft., 71 ft. long, course S.81° W., brs. N.81° E.110 ft. Value, \$500.00

Instrument.

This survey was made with a Young & Son's light mountain transit, with solar attachment. The distances were measured with a 100-foot steel tape. All courses were checked on meridian determined by observation on Polaris, which agreed with courses ascertained by solar attachment.

POLARIS OBSERVATION.

At 10 h. 1' P.M., l.m.t., August 14, 1907, I observe Polaris at eastern elongation, and mark the line by driving a sighting iron rod 5 feet long in the ground at the east end center of claim, which is about 400 feet from my station, which is marked with a bolt; and at 6:30 A.M., Aug.15, 1907, I deflect from my line, previously marked on the ground, an azimuth of 1° 24' to the West, and mark the meridian thus determined by a bolt 12 ins. long West of rod.

*Philip Contzen*  
U.S. Deputy Mineral Surveyor.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Philip Contzen

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

Crittenden Cattle Company

known as the Monarch

and showing the respective capacities in which they acted.

Homer Batte ..... , Chainman.  
Clarence Young ..... , Chainman.  
Tom Launce ..... , Axman.  
Luis Tovar ..... , Flagman.

## FINAL OATHS OF ASSISTANTS.

We, Homer Batte and Clarence Young

and Tom Launce & Luis Tovar, do solemnly swear that we assisted Philip

Contzen, United States Deputy Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Crittenden Cattle Company

known as the Monarch

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

Homer Batte ..... , Chainman.  
Clarence Young ..... , Chainman.  
Tom Launce ..... , Axman.  
Luis Tovar ..... , Flagman.

Subscribed and sworn to by the above-named persons before me this 16th

day of August, 1907

H. G. Power

Notary Public, Pima County, Arizona

My Commission Expires April 27th, 1908.

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Philip Contzen, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated May 18, 1907, 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 The Crittenden Cattle Company, known as the Monarch, situate in Wrightson Mining District, Santa Cruz County, Arizona, in Section 2, Township No. 22 S, Range No. 15 East, and designated as Survey No. 2421, 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 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.

Philip Contzen
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Philip Contzen
U. S. Deputy Mineral Surveyor, before me W. G. Power,
A Notary Public this 16th
day of August, 1907

W. G. Power
Notary Public, Pima County, Arizona
My Commission Expires April 27th, 1908.

# Affidavit of Five Hundred Dollars Improvements.

We, Homer Batte and Clarence Young

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the

Monarch mining claim, situate in Wrightston

mining district, Santa Cruz County, Arizona Territory, for which

Crittenden Cattle Company

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 improvements made thereon by the applicant and

its grantor exceed five hundred dollars in value, and further that we are not personally interested

in said mine.

*Homer Batte*

*Clarence Young*

TERRITORY OF ARIZONA,

COUNTY OF Pima } .SS:

Sworn to and subscribed before me this 16<sup>th</sup> day

[SEAL.]

of August, 1907

*H. G. Power*



*No. 2121**MA. 10. 1900*

## NOTICE OF MINING LOCATION

## Quartz Claim

TO ALL WHOM IT MAY CONCERN:-

This mining claim, the name of which is the MONARCH mining claim, situate on lands belonging to the United States of America, and in which there are valuable minifal deposits, was entered upon and located for the purpose of exploration and purchase by R. R. Richardson, the undersigned, on the first day of January, 1900.

The length of this claim is fifteen hundred feet, and I claim three hundred feet in a easterly direction and twelve hundred feet in a westerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with three hundred feet in width of the surface grounds on each side of the center of said claim. The general course of the lode deposit and premises is from the East to the West.

The claim is situated and located in the Wrightson Mining District, in Santa Cruz County, in the Territory of Arizona, about 1-1/2 miles in a northerly direction from the mouth of Temporal Gulch.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at the easterly end of claim at a point in a easterly direction 1000 feet from the discovery shaft, (at which this notice is posted) being in the center of the easterly end line of said claim; thence 300 northerly feet to a monument, being the north east corner of said claim; thence 750 feet to a monument at the center of the north side line of said claim; thence 750 feet to a monument being at the north west corner of said claim; thence 300 feet to a monument at the center of the west end of said claim; thence 300 feet to a monument, being at the south

west corner of said claim; thence 750 feet to a monument being at the center of the south side line of said claim; thence 750 feet to a monument at the S. E. corner of said claim; thence 300 feet to the place of beginning.

All done under the provisions of Chapter Six of Title XXXI of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act Concerning Mines", approved March 20th, 1895.

Dated and posted on the ground this 1st day of January, 1900.

R. R. RICHARDSON.

Filed and recorded at request of R. R. Richardson, Apr. 13th, A. D. 1900 at 9 A. M.

W. N. Cummings, County Recorder.

By Louis Hudgin, Deputy Recorder.

Territory of Arizona,)
:
County of Santa Cruz.) ss.

I, Phil Herold County recorder in and for the County and Territory aforesaid, do hereby certiffy that the foregoing is a full, true and correct copy of location notice of the MONARCH mining claim, situated in the Wrightson Mining District, Santa Cruz County, Arizona Territory, as the same appears of record in my office in Book 1 of Mining Locations at pages 472 and 473.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal this 3rd day of May, A. D. 1907.

Phil Herold
County Recorder

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

DEPARTMENT OF THE INTERIOR,  
OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,  
October 16, 1907.

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

Crittenden Cattle Company  
, known as the MONARCH  
, situate in Wrightson  
Mining District, Santa Cruz County,  
Arizona, in Section 2, Township No. 22 S.,  
Range No. 15 E., and designated as Survey

No. 2421, 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 its grantors, and  
that said improvements consist of 1 shaft and 1 tunnel, total value \$600.00

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 S. Ingalls

United States Surveyor General for Arizona.

(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,*

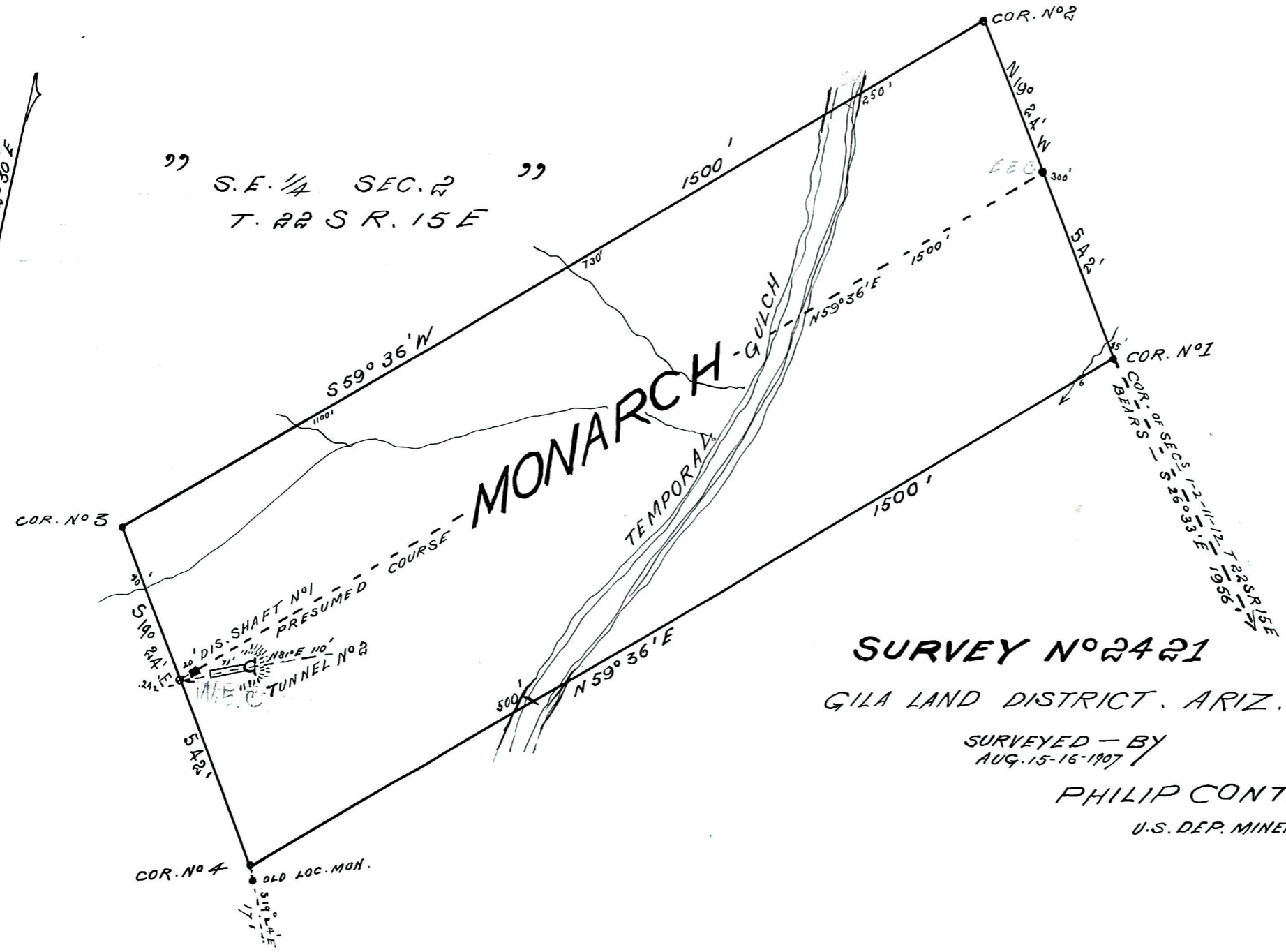
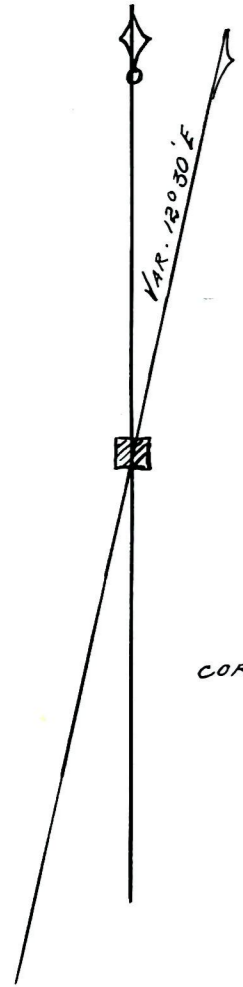
Phoenix, Arizona

October 16, 1907.

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 Crittenden Cattle Company, known as the MONARCH, situate in Wrightson mining district, Santa Cruz County, Arizona, in Section 2, Township No. 22 S., Range No. 15 E., designated as Survey No. 2421, executed by Philip Contzen, U. S. Deputy Mineral Surveyor, August 15 - 16, 1907, under my instructions dated May 18, 1907, 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.

*Frank S. Ingalls*

U. S. Surveyor General for Arizona.



**SURVEY NO 2421**  
 GILA LAND DISTRICT, ARIZ.

SURVEYED - BY  
 AUG. 15-16-1907

PHILIP CONTZEN  
 U.S. DEP. MINERAL SUR.