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Rec'd July 15-1899  
Hall's receipt  
Rec'd July 26-1899

(4-683.)

Mineral Survey No. 1431

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

Summitt, Tucson Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIMS OF

Edw Young Claim and  
Walter Bennett City Phoenix, Arizona

KNOWN AS THE

Katherine, Ernest Vincent and Minnie Lode Claims

Red Peach Mining District,

Maverick County, Arizona Unsurveyed

Approximately Section \_\_\_\_\_ Township 7 N., Range 4 E. T. & S. R. B. & M.

Surveyed under instructions dated Dec. 20<sup>th</sup>, 1899,

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

Claim located Approved Oct-2<sup>nd</sup>, 1899.

Survey commenced Dec. 27<sup>th</sup>, 1899.

Survey completed Dec. 30<sup>th</sup>, 1899.

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, C. H. Roscoe and Wm Wiese, 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 E. W. Young of Phoenix Arizona, known as the Katherine, Ernest, Vincent & Winifred Lodes, situate in Pinal Pecos mining district, Maricopa County, Ariz, in Section, Township No., Range No.

C. H. Roscoe, Chainman.

Wm Wiese, Chainman.

Subscribed and sworn to by the above-named persons before me this 27th day of Dec, 1899.

My Commission expires Dec-22-1903.

J. P. Robbins, 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. 1431

The Katherine Lode

Feet Beginning at Cor. No 1, Identical  
 with the S.W. Cor. of location and  
 the S.E. Cor. of the Arizona, unsurveyed,  
 a pine post 4 ft. long, 4 inches square  
 set 18 inches in ground with mound  
 of stone scribed 1-1431  
 Thence bears N. 39° 55' W. 578.6 feet  
 U. S. L. M. 1431.

No bearings available.  
 Thence N. 63° 03' E.  
 Va. 13° 27' E.

300 South Center end Identical with  
 location a pine post 4 ft. long, 4 ins.  
 square set 18 ins. in ground with  
 mound of stone scribed S.E.C. - 1431  
 No bearings available.

600 Cor. No. 2. Identical with location  
 and the N.W. Cor. of the Colorado,  
 unsurveyed, a pine post 4 ft. long,  
 4 ins. square set 18 ins. in ground  
 with mound of stone scribed  
 2-1431  
 Thence bears S. 26° 57' E. 3 ft. a Mesquite  
 tree 8 ins. in diameter blazed and  
 scribed B. T. - 1431. No other bearings  
 available.

Thence N. 26° 57' W.  
 Va. 13° 27' E.

615 Blacksmith Shop on line, E side of shop

700 Intersects branch of Katherine Gulch,  
 15 ft. wide, course N. 65° 00' E.

750 East Center side, Identical with  
 location a pine post 4 ft. long,  
 4 ins. square set 18 ins. in ground  
 with mound of stone scribed  
 E. C. S. 1431. No bearings available.

920 Intersects Katherine Gulch 20 ft.  
 wide, course S. 30° 30' E.

Feet-

- 1115 Intersects Katherine Gulch, 20 ft. wide.  
Course S. 18° 20' E.
- 1380 Intersects Katherine Gulch 20 ft. wide.  
Course S. 28° 50' E.
- 1500 Corner No. 3. Identical with the location  
and the S. E. cor. of the Austin, unsurveyed,  
a pine post - 4 ft. long, 4 ins.  
square set 18 ins. in ground with  
mound of stone scribed 3-1431.  
No bearings available.  
Thence S. 63° 03' W.  
Va. 13° 27' E.
- 45 Intersects Katherine Gulch 15 ft. wide  
Course S. 41° 20' E.
- 300 North Center End. Identical with  
location and the S. Center of the  
Austin, unsurveyed, a pine post  
4 ft. long, 4 ins. square, set 18 ins.  
in ground with mound of stone  
scribed N. C. E. 1431.  
No bearings available.
600. Cor. No. 4. Identical with location,  
the S. E. Cor. of the Eureka, the S. W.  
Cor. of the Austin and the N. E. Cor.  
of the Arizona, all unsurveyed, a  
pine post - 3 ft. long, 4 ins. square, set  
18 ins. in ground with mound of  
stone scribed 4-1431.  
No bearings available.  
Thence S. 26° 57' E.  
Va. 13° 27' E.
- 500 Intersects branch of Katherine Gulch  
10 ft. wide. Course S. 40° 35' E.
- 750 West Center side, Identical with location  
and the E. side Center of the Arizona,  
unsurveyed, a pine post 4 ft. long,  
4 ins. square, set 18 ins. in ground  
with mound of stone scribed  
W. C. S. 1431.  
No bearings available.
- 1500 Cor. No. 1. The place of beginning.

Feet.

Survey No. 1431. The Ernest-Lode.

Beginning at Cor. No. 1. Identical with the N. E. cor. of location and Cor. No. 1-1431 the Katherine Lode Claim of this survey, scribed 1-1431. Thence U. S. L. M. bears N.  $39^{\circ} 55'$  W. 578.6 ft. Markings on S. W. side post for this claim. Thence S.  $63^{\circ} 03'$  W. Va.  $13^{\circ} 40'$  E.

300 North Center End. Identical with location and South Center End of the Arizona, unsurveyed, a pine post-4 ft. long, 4 ins. square, set 18 ins. in ground with mound of stone scribed N. E. C. 1431. No bearings available.

600 Cor. No. 2. Identical with location and the S. W. Cor. of the Arizona, the S. E. Cor. of the Antilles and the N. E. Cor. of the Salamander, all unsurveyed, a pine post-4 ft. long, 4 ins. square set 18 ins. in ground with mound of stone scribed 2-1431. No bearings available. Thence S.  $26^{\circ} 57'$  E. Va.  $13^{\circ} 27'$  E.

650 Intersect to draw 10 ft. wide, course South,  
750 The West Center side. Identical with the location and the E. Center side of the Salamander, unsurveyed, a pine post-4 ft. long, 4 ins. square, set 18 ins. in ground with mound of stone scribed N. C. S. 1431. No bearings available.

1500 Cor. No. 3. Identical with location and the S. E. cor. of the Salamander, unsurveyed, a pine post-4 ft. long, 4 ins. square, set 18 ins. in ground with mound of stone scribed 3-1431. No bearings available.

Survey No. 1431  
Sect-

The Ernest Lodge.

Thence N. 63° 03' E.

Va. 13° 27' E.

300 South Center End. Identical with location, a pine post-4 ft. long, 4 ins. square, set-18 ins. in ground with mound of stone scribed S. C. E. 1431. No bearings available.

600 Cor. No. 4. Identical with location, a pine post-4 ft. long, 4 ins. square set-18 ins. in ground with mound of stone scribed 4-1431.

No bearings available.

Thence N. 26° 57' W.

Va. 13° 40' E.

750 East-Center Side, Identical with location a pine post-4 ft. long, 4 ins. square, set-18 ins. in ground with mound of stone scribed E. C. S. 1431. No bearings available.

1500 Cor. No. 1. The place of beginning.

Survey No. 1431. The Vincent Lode.

Feet

- Beginning at Cor. No. 1. Identical with the N.W. Cor. of location; Cor. No. 1 of the Katherine Lode and Cor. No. 1 of the Ernest Lode both of this survey, Whence M. S. L. M. 1431 bears N. 39° 55' W. 578.6 ft. Post-scribed on S.E. side 1-1431 for this claim, Thence N. 63° 03' E. Va. 13° 40' E.
- 300 North Center End, Identical with location and the South Center End of the Katherine of this survey. Post-scribed on S. side N. 60° E. 1431
- 600 Cor. No. 2. Identical with location, Cor. No. 2 of the Katherine Lode of this survey and the N.W. Cor. of the Colorado, unsurveyed. Post-scribed 2-1431. Thence S. 26° 57' E. Va. 13° 40' E.
- 750 East-center-side, Identical with location and the West-center side of the Colorado Lode, unsurveyed, a fine post-4 ft. long, 4 ins. square, set-18 ins. in ground with mound of stone, scribed E. C. S. 1431. No bearings available.
- 1206 Intersects wagon road which bears S. and N. 2° 30' W.
- 1500 Cor. No. 3. Identical with location and S.W. Cor. of the Colorado Lode, unsurveyed, a fine post-4 ft. long, 4 ins. square, set-18 ins. in ground with mound of stone, scribed 3-1431. Whence bears N. 24° 00' W. a Mesquite Tree 6 ins. in diameter, blazed and scribed B. T. 3-1431. No other bearings available.



Feet-

Thence S. 63° 03' N.  
 Va. 13° 27' E.

250 Intersects Gulch 10 ft. wide, course South.

275 Intersects wagon road to West Springs, course South.

300 South Center End. Identical with location, a pine post 4 ft. long, 4 ins. square, set 18 ins. in ground with mound of stone scribed S. C. E. 1431. No bearings available.

340 Intersects draw 20 ft. wide, course South.

600 Cor. No. 4. Identical with location and Cor. No. 4 of the Ernest-Lode of this survey. Post-scribed 4-1431, on N.E. side for this claim.

Thence N. 26° 57' N.  
 Va. 13° 27' E.

750 West Center Side. Identical with location and the East-Center Side of the Ernest-Lode of this survey. Post-scribed N. C. S. 1431.

1500 Cor. No. 1. The place of beginning.

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9  
Survey No. 1431. The Winifred Lode.

Feet.

Beginning at the S. W. Cor. Identical with location, Cor. No. 2 of the Katherine Lode and Cor. No. 2 of the Vincent Lode both of this survey and the N. W. Cor. of the Colorado, unsurveyed. Post scribed 1-1431 on N.E. side for this claim. No bearings available. Thence U. S. L. M. 1431 bears N.  $78^{\circ} 54'$  W. 429 ft.

Thence N.  $63^{\circ} 03'$  E.

Va.  $13^{\circ} 27'$  E.

60 Intersects the Katherine Wagon Road. Course S.  $27^{\circ} 30'$  E.

300 South Center End. Identical with location and the North Center End of the Colorado Lode, unsurveyed, a pine post-4 ft. long, 4 ins. square, set 18 ins. in ground with mound of stone scribed S. C. E. 1431. No bearings available.

350 Intersects Katherine Draw, 50 ft. wide. Course S.  $25^{\circ} 15'$  E.

600 Cor. No. 2. Identical with location and the N. E. Cor. of the Colorado Lode, unsurveyed, a pine post-4 ft. long, 4 ins. square, set 18 ins. in ground with mound of stone, scribed 2-1431. No bearings available.

Thence N.  $26^{\circ} 57'$  W.

Va.  $13^{\circ} 27'$  E.

750 East-center side. Identical with location, a pine post-4 ft. long, 4 ins. square, set 18 ins. in ground with mound of stone, scribed E. C. S. 1431.

No bearings available.

1500 Cor. No. 3. Identical with location, a  
 pine post - 4 ft. long, 4 ins. square, set  
 18 ins. in ground with mound of  
 stone, scribed 3-1431.  
 No bearings available.

Thence S. 63° 03' W.

Va. 13° 27' E.

300 North Center End, Identical with  
 location, a pine post - 4 ft. long,  
 4 ins. square, set - 18 ins. in ground  
 with mound of stone, scribed N.C.E.  
 1431. No bearings available.

600 Cor. No. 4. Identical with location,  
 Cor. No. 3 of the Katherine Lode of  
 this survey and the S.E. cor. of  
 the Austin, unsurveyed. Post-scribed  
 3-1431.

Thence S. 26° 57' E.

Va. 13° 27' E.

120 Intersects Katherine Gulch, 20 ft. wide Course S. 28° 50' E.

385 Intersects Katherine Gulch, 20 ft. wide. Course S. 18° 20' E.

580 Intersects Katherine Gulch 20 ft. wide. Course S. 30° 30' E.

750 West Center Side. Identical with  
 location and the East-center Side of  
 the Katherine Lode of this survey.  
 Post-scribed W.C.S. 1431.

No bearings available.

800 Intersects branch of Katherine Gulch, 15 ft. wide Course N. 65° 00' E.

885 Blacksmith Shop on line, E. side of shop

1500 Cor. No. 1. Place of beginning.

## Areas.

The Katherine Lode, Total Area	20.65 acres.
No Conflicts.	
The Ernest-Lode, Total area	20.65 acres.
No Conflicts.	
The Vincent-Lode, Total Area	20.65 acres.
No Conflicts.	
The Minfred Lode, Total area,	20.65 acres.
Total net-area,	82.60 acres.

## Location.

These claims are located on unsurveyed ground, approximately in Township 7 N., R 4 W., T & S. R. M. In Red Picacho Mining District, Maricopa County, Arizona.

## Adjoining Claims:

The adjoining claims to the Katherine are the Arizona, Austin, Eureka, Minfred and Vincent - as described in field notes.

The adjoining claims to the Ernest are the Arizona, Antilla, Salamander, and Vincent - as described in field notes.

The adjoining claims to the Vincent are the Katherine, Arizona, Ernest, Colorado and Minfred as described in field notes.

The adjoining claims to the Minfred are the Vincent, Colorado, Katherine and Austin as described in field notes. All the property of E. W. Young Claimant.

Survey No. 1431.

Course and Length of Veins.

The Discovery of the Katherine Lode bears from the S. C. E., N.  $26^{\circ} 57' W.$  500 ft. and Claimant-claims on this ledge N.  $26^{\circ} 57' W.$  1000 ft. and S.  $20^{\circ} 30' E.$  503 ft. from Discovery.

The Discovery of the Ernest Lode bears from N. C. E. S.  $30^{\circ} 15' E.$  230 ft. and Claimant-claims on this ledge N.  $26^{\circ} 30' W.$  230 ft. and S.  $27^{\circ} 00' E.$  1270 ft. from Discovery.

The Discovery of the Vincent Lode bears from Cor. No. 1 S.  $54^{\circ} 43' E.$  475 ft. and Claimant-claims on this ledge N.  $12^{\circ} 15' W.$  490 ft. and S.  $29^{\circ} 00' E.$  1010 ft. from Discovery.

The Discovery of the Winifred bears from the S. C. E. - N.  $26^{\circ} 55' W.$  55 ft. and Claimant-claims on this ledge S.  $26^{\circ} 55' E.$  85 ft. and N.  $27^{\circ} 00' W.$  1415 ft. from Discovery.

Expenditure of Five Hundred Dollars.

I certify that the value of labor and improvements upon each claim, placed there by the Claimant and his grantors is not less than Five Hundred Dollars and said improvements consist of.

On the Katherine Lode.

No. 1 The Discovery which bears from the S. C. E. N.  $26^{\circ} 57' W.$  500 ft. a shaft, incline  $35^{\circ} 30'$  Course S.  $68^{\circ} 00' W.$   $5\frac{1}{2} \times 7\frac{1}{2} \times 273$  ft. Mineral in place Value \$ 5460.<sup>00</sup>

On the Ernest Lode.

No. 1 The Discovery which bears from the N. C. E. - S.  $30^{\circ} 15' E.$  230 ft. an open cut 4 ft. wide 12 ft. long 12 ft. face. Mineral in place. Course N.  $46^{\circ} 10' W.$  Value \$ 100.<sup>00</sup>

## Survey No. 1431.

- No. 2 Which bears from Cor. No. 1 S.  $21^{\circ} 12' N$ .  
160 ft. a shaft 5x6x54 ft. incline  $37^{\circ} 10'$   
Course N.  $47^{\circ} 45' W$ . Mineral in place.  
Value \$ 918.<sup>00</sup>
- No. 3 Which bears from the E. C. S. - S.  $73^{\circ} 15' W$ .  
115 ft. open cut 4 ft. wide, 8 ft. long, 10 ft.  
face. Course N.  $78^{\circ} 00' W$ . Value \$ 75.<sup>00</sup>

## On the Vincent-Lode.

- No. 1 The Discovery which bears from Cor. No. 1  
S.  $54^{\circ} 43' E$ . 475 ft. an open cut 3 ft. wide  
16 ft. long, 12 ft. deep. Course S.  $61^{\circ} 30' W$ .  
Mineral in place Value \$ 90.<sup>00</sup>
- No. 2 Which bears from Cor. No. 1 - S.  $47^{\circ} 15' E$ .  
425 ft. a shaft 4x6x5 ft. Value \$ 40.<sup>00</sup>
- No. 3 Which bears from Cor. No. 1 S.  $49^{\circ} 10' E$ .  
550 ft. a shaft 4x6x12 ft. Value \$ 100.<sup>00</sup>
- No. 4 Which bears from the N. C. S. - N.  $64^{\circ} 00' E$ .  
120 ft. a shaft, 5x7x12 ft. Value \$ 100.<sup>00</sup>
- No. 5 Which bears from Cor. No. 2 S.  $17^{\circ} 00' E$ .  
360 ft. a shaft 4x6x12 ft. Value \$ 100.<sup>00</sup>
- No. 6 Which bears from Cor. No. 2 S.  $20^{\circ} 25' E$ .  
710 ft. a shaft 4x6x12 ft. Value \$ 100.<sup>00</sup>

## On the Minigra Lode.

- No. 1 The Discovery which bears from the  
S. C. E. N.  $26^{\circ} 57' W$ . 85 ft. a tunnel 4x7 1/2 x 22 ft.  
Course S.  $26^{\circ} 57' E$ . Mineral in place. Value \$ 330.<sup>00</sup>
- No. 2 Which bears from the S. C. E. - N.  $24^{\circ} 30' W$ .  
125 ft. an open cut 4 ft. wide 16 ft. long  
20 ft. face. Course S.  $65^{\circ} 00' W$ . Mineral  
in place Value \$ 240.<sup>00</sup>

## Other Improvements.

A Davis whim and whim house,  
wire cable and 150 ft. of surface  
track at the workings of the Katherine  
Lode. Which bears from S. C. E. N.  $26^{\circ} 57' W$ . 500 ft.  
A frame blacksmith shop 12x14 ft.  
on line 2-3 615 ft. 14 ft. N.  $63^{\circ} 03' E$ .

## Survey No. 1431

W A frame office on the Minfred ground  
10 x 12 ft. which bears from Cor. No. 1 Minfred  
N. 23° 30' E. 580 ft.

A frame store room 12 x 16 ft. on the Minfred  
which bears from Cor. No. 1 Minfred N. 23° 00' E. W.  
530 ft.

A frame cook house and dining room 16 x 22 ft.  
on the Minfred ground which bears from  
Cor. No. 1 Minfred N. 17° 00' E. 540 ft.

1 Mile of wagon road from the mines to the  
Castle Creek Hot Springs Toll Road. Value \$500.00

## Instrument.

This survey was made with a complete  
Gorby Engineers Transit. The courses were  
deflected from a true meridian as deter-  
mined by solar observation. The distances  
were measured by a 100 ft. steel chain.

## Note

The discrepancies between the field notes and  
the location notices of the Ernest and the  
Vincent-Lodes in regard to the position  
of the discovery point - are due to the latter  
being in error.

## Note

As survey No. 1431 is upon unsurveyed  
ground and as there are no section  
corners of the public survey nor any  
patented property within two miles of  
these claims nor any M. S. L. M. within  
that distance, I established for this survey  
on December 30<sup>th</sup> 1899 U. S. L. M. No. 1431  
and transmit herewith the field notes  
for same.

## U. S. L. M. No. 1431

U. S. L. M. No. 1431 is located on the N.E. corner of Mount Katherine, a pine post-8 ins. square, 8 ft. long set 2 ft. in ground with mound of stone 6 ft. at base and 3 ft. high scribed U. S. L. M. 1431.

Whence bears,

N.  $40^{\circ} 05' W.$  41.9 ft. a porphyry rock in place 2 ft. high, 5 ft. long, 3 ft. wide, chiseled B. R. + U. S. L. M. 1431.

N.  $48^{\circ} 38' W.$  18.6 ft. a porphyry rock in place  $2\frac{1}{2} \times 3$  ft. 8 ins above ground chiseled B. R. + U. S. L. M. 1431.

N.  $51^{\circ} 30' W.$  41.8 ft. porphyry rock in place  $18 \times 24$  ins. 4 ins above ground chiseled B. R. + U. S. L. M. 1431.

N.  $17^{\circ} 15' W.$   $\frac{1}{2}$  mile top of E. Butte Red Picacho.

N.  $26^{\circ} 40' W.$   $\frac{1}{2}$  mile top of Red Picacho.

S.  $57^{\circ} 20' W.$  20 miles top of Vulture Peak.

S.  $42^{\circ} 35' W.$  10 miles depot at Hot Springs Junction.

S.  $36^{\circ} 55' W.$  2 miles junction of Trilby and Hot Springs wagon roads.

S.  $17^{\circ} 10' W.$  40 miles N. end White Tank Mountains.

S.  $8^{\circ} 40' W.$  40 miles highest point of White Tank Mts.

S.  $1^{\circ} 30' E.$  40 miles E. end of White Tank Mountains.

S.  $37^{\circ} 30' E.$   $\frac{3}{4}$  mile junction of Hot Springs and Katherine wagon roads.

S.  $75^{\circ} 30' E.$   $\frac{1}{2}$  mile Hot Springs Road crosses Italian Gulch.

West  $\frac{1}{2}$  mile Trilby Mill.

Respectfully submitted

James C. Robbins.

U. S. Deputy Mineral Surveyor.

Phoenix, Arizona  
January 4<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 E. W. Young of Phoenix Arizona  
 known as the Katherine Ernest Vincent & Winifred Lodes  
 and showing the respective capacities in which they acted.

C. H. Roscoe, Chainman.  
Wm. Wise, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, C. H. Roscoe  
 and Wm. Wise, 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 E. W. Young  
of Phoenix Arizona  
 known as the Katherine  
Ernest, Vincent & Winifred 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.

C. H. Roscoe, Chainman.  
Wm. Wise, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me  
 this 30<sup>th</sup> day of Dec, 1899

J. C. Robbins  
 Notary Public  
 My Commission expires  
Oct. 2 1903

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 Dec 20<sup>th</sup> 1899, 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 E. W. Young Claimant, known as the Katherine, Ernest, Vincent & Winifred Lode, situate in Red Peacks Mining District, Maricopa County, Arizona, in Section unsurveyed, off property in Township No. 7 N. Range No. 4 W. and designated as Survey No. 1431, as represented in the foregoing field notes, which accurately show the boundaries of said mining claims 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.

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

Subscribed and sworn to by the said James C. Dobbin  
U. S. Deputy Mineral Surveyor, before me Mattie M. Lorraine  
this 12<sup>th</sup>

day of January 1900,

My Commission exp. 21 January 30, 1903. Mattie M. Lorraine  
Notary Public

## Affidavit of Five Hundred Dollars Improvements.

we, C. H. Roscoe, and Wm. Wiss

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the Fulton, Ernest, Vincent & Knapp mining claims, situate in Red P. Chacho Mining district, Maricopa County, Arizona Territory, for which E. W. Young 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 improvements made thereon by the applicant and his grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

C. H. Roscoe  
Wm. Wiss

TERRITORY OF ARIZONA,  
County of Maricopa } ss:

Sworn to and subscribed before me, this 30<sup>th</sup>

day of December, 1899

J. C. Robbins  
Notary Public  
My Commission expires  
Oct-2, 1903.

KATHERINE Lode (Amended)

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the KATHERINE Lode, was amended, relocated and claimed by right of discovery and amended location by the undersigned, Ernest W. Young, a citizen of the United States; on the 2nd day of October, A. D. 1899, the length of said claim is 1500 feet; and I claim 1000 feet in a northerly direction and 500 feet in a southerly direction, from the discovery shaft on said claim; together with 300 feet of the surface of said claim on each side of the center of the vein.

The general course of the lode deposit and premises is from the S.E. to the N.W. This mining claim is situated on public lands of the United States in which there are valuable minerals of gold, silver and copper, and is located Red Picacho mining District, Maricopa County, Arizona.

The surface boundaries of the claim are marked upon the ground as follows:

Beginning at a pine post 4in. square, 5ft. long set 18in. in the ground, with mound of stones; which is the North end center of said claim; whence bears South  $26^{\circ}57'$  East 1000 ft. to the discovery shaft; thence South  $63^{\circ}03'$  West 300ft. to a pine post 4in. square 5ft. long, set 18in. in the ground, with mound of stones, being the N.W. corner of said claim; thence South  $26^{\circ}57'$  East 750ft. to a pine post, 4In. square 5ft. long set 18in. in the ground, with mound of stones; being the West side center of said claim; thence South  $26^{\circ}57'$  East 750ft. to a pine post 4in. square, 5ft. long, set 18in. in the ground, with mound of stone, being the S.W. corner of said claim; thence North  $63^{\circ}03'$  East 300 ft. to a pine post 4in. square, 5ft. long, set 18in. in the ground with mound of stones, being the South end center of said claim; thence North  $63^{\circ}03'$  East 300ft. to a pine post 4in. square, 5ft. long, set 18in. in the ground, with mound of stones, being the S.E. corner of the said claim; thence North  $26^{\circ}57'$  West 750ft. to a pine post 4in. square, 5ft.

long, set 18in. in the ground with mound of stones, being the East side center of said claim; Thence North 26°57' West 750ft. to a pine post 4in. square 5ft. long, set 18in. in the ground with mound of stones, being the N.E. corner of said claim; thence South 63°03' West 300 ft. to the place of beginning.

This claim is further described as being bounded on the S.E. end by the Vincent, on the N.E. side by the Winifred; the N.W. end by the Eureka; and on the S.W. side by the Arizona.

This lode being the same originally located by James Winters May 6th, 1899, the notice of location whereof is recorded in Book 52 of mines, at page 141, records of Yavapai county, Arizona.

This further and amended certificate of location is made without waiver of any previous rights, but to correct any error in the prior location or record, to extend boundaries and to secure all abandoned overlapping claims together with all the benefits of act No. 42 being an act concerning mines, approved March 20th A. D. 1895, Laws of the Territory of Arizona.

I further certify that I have done the necessary work required by said act for this amended location.

Dated and posted on the ground this 2nd day of October, A. D. 1899.

Ernest W. Young.

Date of location May 6th, 1899.

Date of amended certificate Oct. 2, 1899.

Signed in the presence of *J. C. Dobbins* *Filed & recorded at request of E. W. Young Oct 2, 1899 at 11.43 A. M. J. W. Sheridan County Recorder by G. W. Barrett*

J. C. Dobbins.

TERRITORY OF ARIZONA, } ss.  
County of Maricopa.

I, E. W. 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 full, true and correct copy of *Katherine Lode (Amended Location)* as the same appears of record in book *8, Mines* page *303 & 304* Records of Maricopa County, Arizona.

IN WITNESS WHEREOF, I have herewith set my hand and affixed my official seal this *15* day of *Dec* A. D. 1899.

*E. W. Sheridan*  
County Recorder.



East side center of said claim; thence North 26°57' West 750ft. to a pine post 4in. square 5ft. long set 18in. in the ground with mound of stone, being the N.E. corner of said claim. Thence South 63°03' West 300 feet to the place of beginning.

This claim is further described as being bounded on its Northeast side by the Vincent; Southeast side by the Salamander; and its Northwest end by the Arizona.

This lode being the same originally located by James Winters May 6th, 1899, the notice of location whereof is of record in Book 52 of Mines, page 139, records of Yavapai county, Arizona.

This further and amended certificate of location is made without waiver of any previous rights, but to correct any error in the prior location or record, to extend boundaries and to secure all abandoned overlapping claims and all the benefits of Act No. 42, being an act concerning mines, approved March 20th A. D. 1895, Laws of the Territory of Arizona.

I further certify that I have done the necessary work required by said act for this amended location.

Dated and posted on the ground this 2nd day of October A. D. 1899.

Ernest W. Young.

Date of location, May 6th, 1899.

Date of Amended Certificate October 2, 1899.

Signed in the presence of

J. C. Dobbins.

*Filed & recorded at request of E. W. Young Oct 2<sup>nd</sup> 1899 at 11:54 A. M. D. W. Shrivelsall County Recorder By G. W. Barnett Dep.*

TERRITORY OF ARIZONA }  
County of Maricopa }

I, D. W. Shrivelsall, 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 Ernest Lode (Amended Location) as the same appears of record in book 8. Mines page 305 & 306 Records of Yavapai County, Arizona.

IN WITNESS WHEREOF, I have hereunto set my hand and placed my official seal this 15<sup>th</sup> day of Dec 1899.

D. W. Shrivelsall  
County Recorder



Vincent Lode. (Amended)

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is, the VINCENT lode mining claim, was amended, relocated and claimed by right of discovery and amended location by the undersigned, Ernest W. Young, a citizen of the United States, on the 2nd day of October, A. D. 1899: The length of which said claim is 1500 feet; and I claim 700 feet in a northerly direction and 800 feet in a southerly direction from the discovery shaft on said claim; together with 300 feet of the surface ground of said claim on each side of the center of the vein.

The general course of the lode deposit and premises is from the S.E. to the N. W. This mining claim is situated on public lands of the United States in which there are valuable minerals of gold, silver and copper and is located in Red Picacho mining district, Maricopa County, Arizona.

The surface boundaries of the said claim are marked upon the ground as follows:

Beginning at a pine post 4in. square 5ft. long set 18in. in the ground with mound of stones, being the North end center of said claim; whence bears South  $26^{\circ}57'$  East 700 ft. to the discovery shaft; thence South  $63^{\circ}03'$  West 300 ft. to a pine post 4in. square, 5ft. long set 18 in. in the ground being the N. W. corner of said claim; thence South  $26^{\circ}57'$  East 750ft. to a pine post 4 in. square 5ft. long set 18in. in the ground, with a mound of stones, being the West side center of said claim; thence South  $26^{\circ}57'$  East 750ft. to a pine post 4in. square 5ft. long set 18in. in the ground with mound of stones, being the S.W. corner of said claim; thence North  $63^{\circ}03'$  East 300ft to a pine post 4in. square 5ft. long set 18in. in the ground with mound of stones, being the South end center of said claim; thence North  $63^{\circ}03'$  East 300ft. to a pine post 4in. square 5ft. long, set 18in. in the ground with mound of stones; being the S. E. corner of said claim; thence North  $26^{\circ}57'$  West 750ft. to a pine post 4in square, 5ft. long set 18in? in the ground with mound of

stones, being the East side center of said claim, thence North 26°57' West 750ft. to a pine post 4in. square, 5ft. long, set 18in. in the ground with mound of stone, being the N.E. corner of said claim; thence South 63°03' West 300 ft. to the North end center of said claim, the place of beginning.

This claim is further described as being bounded on its N.E. side by the Colorado; on the N. W. end by the Katherine; and on the S. W. side by the Ernest, lode mining claim.

This lode being the same originally located by James Winters May 8th, 1899, the notice of location whereof is of record in Book 52 of Mines, at page 138, records of Yavapai county, Arizona.

This further and amended certificate of location is made without waiver of any previous rights, but to correct any error in the prior location of record; to extend boundaries and to secure all abandoned over-lapping claims, and all the benefits of act No. 42 being an act concerning mines, approved March 20th, A. D. 1895, Laws of the Territory of Arizona.

I further certify that I have done the necessary work required by said act for this amended location.

Dated and posted on the ground this 2nd day of October, A. D. 1899.

Ernest W. Young.

Date of location May 8th, 1899.

Date of amended certificate 2nd day of October, 1899.

signed in the presence of. Filed & recorded at request of E. W. Young Oct 20 1899. at 11.46 A.M.

J. C. Dobbins. TERRITORY OF ARIZONA. } ss. County of Maricopa.

W. W. Sheridan County Recorder by E. W. Barrett Dep.

E. F. W. SHERIDAN, County Recorder in and for said County, do hereby certify that I have compared the above and foregoing with the same as a bill, true and correct copy of Vincent Pede (Amended Location as the same appears of record in book 8. Mines. Page 306. & 307. Records of Maricopa County, Arizona.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal this 15th day of Dec 1899.

W. W. Sheridan

County Recorder.





WINIFRED Lode. (Amended)

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the WINIFRED lode mining claim was amended, relocated and claimed by ~~the~~ right of discovery and amended location by the undersigned, Ernest W. Young, a citizen of the United States, on the 2nd day of October, A. D. 1899, the length of which said claim is 1500 ft., and I claim 50 feet in a southerly direction, and 1450 feet in a northerly direction from the discovery shaft on said, together with 300 feet of the surface ground of said claim on each side of the center of the vein.

The general course of the lode deposit and premises is from the S.E to the N. W. This mining claim is situated on public lands of the United States, in which there are valuable minerals of gold, silver and copper, and is located in Red Picacho Mining District, Maricopa County, Arizona.

The surface boundaries of the claim are marked upon the ground as follows.

Beginning at a pine post 4in. square 5 ft. long set 18 in. in the ground with mound of stones, which is the South end center of the said claim; whence bears North  $26^{\circ}57'$  West 500 ft. to the discovery shaft; thence South  $63^{\circ}03'$  West 300 ft. to a pine post 4in. square 5ft. long set 18in. in the ground with mound of stones, being the S. W. corner of said claim; thence North  $26^{\circ}57'$  West 750 ft. to a pine post 4in. square 5ft. long set 18in? in the ground, being the west side center of said claim; thence North  $26^{\circ}57'$  West 750ft. to a pine post 4in. square 5ft. long set 18 in. in the ground, with mound of stones; being the N.W. corner of said claim; thence north  $63^{\circ}03'$  East 300ft. to a pine post 4in. square, 5ft. long set 18in. in the ground with mound of stones, being the north end center of said claim; thence North  $63^{\circ}03'$  East 300ft. to a pine post 4in. square, 5ft. long set 18in. in the ground, with mound of

stone, being the N.E. corner of said claim; thence South  $26^{\circ}57'$  East 750ft. to a post 4in. square, 5ft. long set <sup>18in.</sup> in the ground, with mound of stones, being the East side center of said claim; thence south  $26^{\circ} 57'$  East 750 ft. to a pine post 4in. square, 5ft. long set 18in. in the ground with mound of stones, being the S.E. corner of said claim; thence South  $63^{\circ}03'$  West 300ft. to the South end center of said claim, the place of beginning.

This claim is further described as being bounded on its N.W. End by the Austin; on its Southwest side by the Katherine; and on the Southeast end by the Colorado lode mining claim.

This lode being the same originally located by James Winters May 8th, 1899, the notice of location whereof is recorded in Book 52 of Mines at page 140, records of Yavapai county, Arizona.

This further and amended certificate of location is made without waiver of any previous rights, but to correct any error in the prior location of record, to extend boundaries, and to secure all abandoned overlapping claims, and all the benefits of act No. 42, being an act concerning mines, approved March 20th, A. D. 1895, laws of the Territory of Arizona.

I further certify that I have done the necessary work required by said act for this amended location.

Dated and posted on the ground this 2 day of October, A. D. 1899.

Ernest W. Young.

Date of Location May 8th, 1899.

Date of amended certificate Oct. 2, 1899.

Signed in the presence of

J. C. Dobbins.

*Filed and recorded at request of E. W. Young Oct. 2, 1899*

*J. H. J. A. M.*

*E. W. Shandall  
County Recorder  
by E. W. Barnett Dep.*

(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.

7 March 13th, 1900.

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 E. W. Young

....., known as the

Katherine Ernest, Vincent & Winifred Lodes

situate in Red Picacho mining district,

Maricopa County, Arizona,

in Section approx, Township No. 7 N., Range No. 4 W., S. & J. R. D. Mer,

(unsurveyed), designated as Survey No. 1431.

executed by J. C. Dobbins, U. S. Deputy Mineral

Surveyor, Dec. 27-30, 1899, under my instructions dated

Dec. 20, 1899, 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.

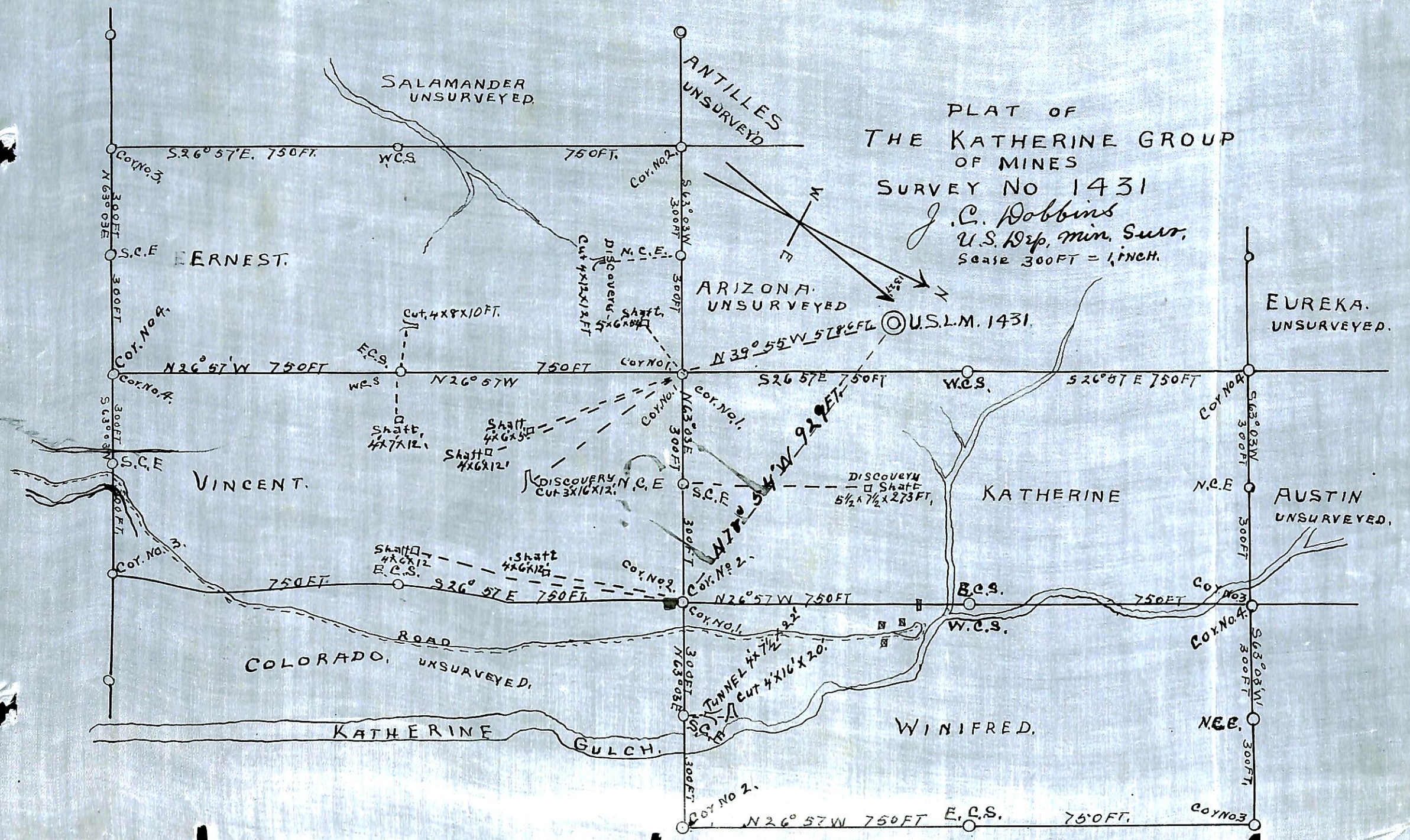
George Christ

U. S. Surveyor General for Arizona

# POOR QUALITY

**The following pages are scanned at the best possible quality setting. The original pages are of poor quality and this is the best possible reproduction.**

PLAT OF  
 THE KATHERINE GROUP  
 OF MINES  
 SURVEY NO 1431  
*J. C. Robbins*  
 U.S. Dep. Min. Surv.  
 Scale 300 FT = 1 INCH.



U. S. L. M. 1431.  
 Established by  
 J. C. Dobbins  
 U. S. Deputy Mineral Surveyor  
 Dec. 30<sup>th</sup> 1899. Phoenix, Arizona.

Sec 4 T. 9 N. R. 2 W.

