

MINERAL SURVEY No. 3549

LOT No.

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Mohawk Central Mining Company,

KNOWN AS THE

NEW YEARS LODE

San Francisco Mining District,

Mohave County, Arizona

Sections 14 & 23, Township 19 North, Range 20 West

Amended Surveyed under instructions dated April 1, 1919.

by Herman C. Zulch U. S. Mineral Surveyor.

Claim located See location notice, 1915.

Survey commenced April 7, 1919.

Survey completed April 26, 1919.

Address of claimant's Atty., Edgar Sharp Oatman, Arizona.

DATES OF AMENDED LOCATIONS.

February 14, 1919.

## NEW YEARS LODE.

Feet.

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Beginning at Cor. No. 1, a redwood post 4 ft. long 4 ins. square, with nail at exact Cor., set 18 ins. in the ground, in mound of earth and stone, scribed N Y 1-3549.

The South  $\frac{1}{4}$  Cor. of Sec. 14; T. 19 N; R. 20 W. bears N84°-20'E 391.46 ft.

Cor. No's 1-3 Sur. No. 2903 Rising Sun and Sur. No. 2710 Tip Top lodes, bears N54°-42'W 597.62 ft.

No other bearing objects available.

Thence N37°-52'E

52.00 Intersect South boundary of Sec. 14; T. 19 N; R. 20 W. at N89°-37'W 357.64 ft. from the  $\frac{1}{4}$  Cor. of said section boundary.  
& S. 89° 37' E 2280.90 ft. from the S.W. Cor.

304.22 To East End Center, a X at exact point on rock in place, chiseled 3549.

368.65 Intersect line 2-3 Sur. No. 3438 Sunshine lode at S53°-56'E 1254.04 ft. from Cor. No. 2

490.00 Wagon road, Course Northwesterly and Southeasterly.

498.00 Intersect line 2-3 Sur. No. 3300 Gratiot lode at S10°-45'E 5.05 ft. from Cor. No. 3.

506.93 Intersect line 3-4 Sur. No. 3300 Gratiot lode at N72°-27'E 6.68 ft. from Cor. No. 3.

601.73 To Cor. No. 2, A redwood post, 4 ft. long, 4 ins. square with nail at exact cor., set 18 ins. in the ground, in mound of earth and stone, scribed N Y 2-3549.

Cor. No. 3, Sur. No. 3300 Gratiot lode bears S40°-02'W 100.38 ft.

~~Sur. No. 3438~~

Cor. No's 2-3, Sunshine and Starlight lodes bears N64°-23'-50"W 1282.70 ft.

No other bearing objects available.

Thence N61°-42'W



## New Years Lode- Cont.

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Feet

780.00	Wagon road, Northeasterly and Southwesterly,
1273.13	Intersect lines 1-2 and 3-4, Sur. No. 3438, Sunshine and Starlight lodes at N35°-59'E 60.92 ft. from Cor. No's 2-3.
1480.00	Wagon road, Course Northwesterly and Southeasterly.
1500.00	To Cor. No. 3, On line 3-4 Sur. No. 3188 Sunrise lode, 147.75 ft. from Cor. No. 4. On the edge of road, in a place unsuitable for a permanent monument. Witness Corner, hereafter described, brs. S. 37° 52' W. 93.83 ft.
	Thence S37°-52' W, from true corner point,
19.12	Intersect line 2-3 Sur. No. 3438 Starlight lode at N51°-06' W 225.77 ft. from Cor. No. 3
93.83	Witness Corner for Corner No. 3, on line 3-4 Sur. No. 3188 Sunrise lode, a redwood post, 4 ft. long, 4 ins. square, with nail at exact point, set 18 ins. in the ground in mound of earth and stone, scribed, W.C. N Y 3-3549.
146.41	East End Center Sur. No. 3188 Sunrise lode.
297.51	To West End Center, on line 3-4 Sur. No. 3188 Sunrise lode, A redwood post 4 ft. long, 4 ins. square, with nail at exact point, set 18 ins. in the ground, in mound of earth and stone, scribed 3549.
446.40	Cor. No's 3-4 Sur. No. 3188 Sunrise and Tom Reed Extension lodes.
497.38	To Cor. No. 4, On line 2-3 Sur. No. 2710 Tip Top lode and N. 59° 46' W. 889.99 ft. from Cor. No. 3,
S. 59° 46' E 172.41	ft. from Cor. No. 2, A redwood post, 4 ft. long, 4 ins. square, with nail at exact Cor., set 18 ins. in the ground, in mound of earth and stone, scribed N Y 4-3549.
	No other bearing objects available.
	Thence S57°-44' E
1.38	Intersect line 3-4 Sur. No. 3188 Tom Reed Extension lode at S36°-19' W 50.86 ft. from Cor. No. 4.
388.00	Wagon Road, Course Northeasterly and Southwesterly.
430.00	Wagon road, Course Northeasterly and Southwesterly.

New Years Lode- Cont.

- Feet.
- 886.30 Intersect lines 3-4 and 1-2 Sur. No. 2710 Tip Top and Sur. No. 2903 Rising Sun lodes at <sup>31.73</sup> S37°-55'W 3173 ft. from Cor. No's 3-1.
  - 1146.33 Intersect line 4-1 Sur. No. 2903 Rising Sun lode at S50°-43'E 258.99 ft. from Cor. No.1
  - 1408.07 Intersect South boundary of Sec. 14; T.19 N; R.20 W. at N89°-37'W 455.60 ft. from the <sup>S89°37'E</sup> 1/4 Cor. and 2182.94 ft. from the S.W. Cor. of said section boundary.
  - 1486.18 To Cor. No.1, the place of beginning.

Variation at all corners 14°-30' East.

LODE LINE.

As near as can be determined from present development, the ~~discovery~~ vein embraced in this claim extends N61°-42'W 40 ft. and S61°-42'E 1460 ft. from the face of the discovery cut.

AREA.

	Acres	Acres
Total area New Years Lode-----		18.661 ✓
Area in conflict with:		
Sur. No. 2710 Tip Top lode-----	.321 ✓	
Sur. No. 2903 Rising Sun lode-----	.094 ✓	
Sur. No. 3300 Gratiot lode-----	.000+	
Sur. No. 3438 Sunshine lode-----	4.226 ✓	
Sur. No. 3438 Starlight lode-----	.207 ✓	
Sur. No. 3188 Tom Reed Extension lode-----	.001	
Sur. No. 3188 Tom Reed Extension lode, exclusive of its conflict with Sur. No. 2710 Tip Top lode,	.001	

LOCATION.

This claim is located in Sec's 14 and 23; T.19 N; R.20 W; G. & S.R. B. & M., San Francisco Mining District, Mohave County, Arizona.



## ADJOINING AND CONFLICTING CLAIMS.

On the Northeast, Sur. No. 3438 Starlight and Sunshine lodes, United Eastern Mining Company, claimant.

On the Southeast, Sur. No. 3300 Gratiot lode, Oatman United Mining Company, claimant, and Ace lode, unsurveyed, claimant herein.

On the Southwest, Sur. No. 2710 Tip Top and Sur. No. 2903 Rising Sun lodes, Tom Reed Gold Mines Company, claimant.

On the Northwest, Sur. No. 3188 Tom Reed Extension and Sunrise lodes, United Eastern Mining Company, claimant.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements made upon the location embraced in this survey by the claimant or its grantors is not less than five hundred dollars and that said improvements consist of:

No. 1, The discovery cut of the New Years lode, the center of a 10 ft. face is on the lode line, 40 ft. from the West End Center, 4 ft. wide, running West 17 ft. to mouth. Value \$60.00

No. 2, The center of a main working shaft, 4x7 ft. in the clear, timbered, 400 ft. deep bears S33-59'E 231 ft. from a point on the ~~North Side~~ <sup>2-3</sup> line, 1198.40 ft. from Cor. No. 2. Value \$10000.00

Value credited to this claim \$ 5000.00

The above described shaft was started by the claimant company, to develop its holdings, consisting of the New Years and Ace lodes, the collar of this shaft is below the surface of the Ace lode, and crosscuts at its present depth would develop the Ace lode at least 500 ft. below the surface. It is the intention of the claimant company, by means of crosscuts and drifts to develop and mine the ores in these two claims, this

plan is consistant with good mining in this district. This common improvement is therefore distributed equally between the two claims, a one half interest or \$5000 is credited to each.

OTHER IMPROVEMENTS.

8. The S.W. Cor. of house, 11x22 ft. course of long side N10°E, bears S44°-25'E 65 ft. from Cor. No. 3. claimant Unknown.
9. The N.E. Cor. of house, 21x21 ft. course of side S65°W; bears S9°-07'W 33 ft. from Cor. No. 3; claimant unknown.
10. The N.E. Cor. of house 20x20 ft., course of side S8°E; bears S16°-46'E 90 ft. from Cor. No. 3. claimant unknown.
11. The N.E. Cor. of house, 12x14 ft., course of long side S78°W., bears S18°-17'E 119 ft. from Cor. No. 3; claimant unknown.
12. The N.W. Cor. of house, 12x32 ft., course of long side S22°E; bears S72°-10'E 129 ft. from the E. End center of Sur. No. 3188 Sunrise lode; claimant unknown.
13. The N.W. Cor. of house, 10x20 ft., course of long side N75°E; bears S60°E 150 ft. from the E. End Center, Sur. No. 3188 Sunrise lode. Claimant unknown.
14. The N.W. Cor. of house, 12x14 ft., course of long side S16°E; bears S57°-18'E 171 ft. from the E. End Center, Sur. No. 3188 Sunrise lode. Claimant unknown.
15. The N.W. Cor. of house, 12x16 ft., course of long side S16°E; bears S44°-35'E 92 ft. from the E. End Center Sur. No. 3188 Sunrise lode; claimant unknown.
16. The S.W. Cor. of house, 18x20 ft., course of long side N72°E; bears S49°-30'E 230 ft. from the E. End Center Sur. No. 3188 Sunrise lode; Claimant unknown.
17. The N.W. Cor. of house, 24x30 ft., course of long side S2°W; bears S70°-04'E 80 ft. from a point on the lode line 151.25 ft. from the West End Center. Claimant unknown.



## Other Improvements-Con't.

17. The N.E.Cor. of house, 20x24 ft., Course of long side S64°W; bears S32°-22'E 102 ft. from a point on the lode line 151.25 ft. from the W.End Center; Claimant unknown.
18. The N.E.Cor. of house, 20x24 ft., course of long side S72°W; bears S11°-39'E 98 ft. from a point on the lode line 151.25 ft. from the W.End Center; Claimant unknown.
19. The N.E.Cor. of house, 12x16 ft., course of long side S34°E; bears S21°-12'W 120 ft. from a point on the lode line 151.25 ft. from the W.End Center; claimant unknown.
20. The N.E.Cor. of house, 12x14 ft., course of long side S56°W; bears S9°-02'W 149 ft. from a point on the lode line 151.25 ft. from the W.End Center; Claimant unknown.
21. The N.W.Cor. of house, 22x32 ft., course of long side N70°E; bears S32°-48'W 179 ft. from a point on the lode line 151.25 ft. from the W. End Center; Claimant unknown.
22. The S.W.Cor. of house, 12x26ft., course of long side S55°E; bears N44°-02'E 26 ft. from Cor. No.4., Claimant unknown.
23. The N.W.Cor. of house 22x32 ft; Course of long side S59°-46'E; bears S59°-46'E 240 ft. from Cor. No.4. Claimant unknown.
24. The N.E.Cor. of house, 20x21 ft; Course of long side N75°W; bears N58°-32'W 93 ft. from a point on the North side line 1198.40 ft. from Cor. No.2; Claimant unknown.
25. The N.E.Cor. of house 10x11 ft; Course of long side N65°W; bears N75°-47'W 151 ft. from a point on the North side line 1198.40 ft. from Cor. No.2; Claimant unknown.
26. The N.E.Cor. of house, 13x21 ft. Course of long side S88°W; bears S87°-50'W 93 ft. from a point on the North side line 1198.40 ft. from Cor. No.2; The N.W.Cor. is identical with the S.W.Cor. of an Ell 15x15 ft. Claimant unknown.
27. The N.E.Cor. of house 23x29 ft.; Course of long side S16°W; bears S69°-43'W 142 ft. from a point on the North side line 1198.40 ft. from Cor. No.2; Claimant unknown.

## Other Improvements-Con't.

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22. The N.E. Cor. of house 22x35 ft; Course of long side N85° W; bears S43°-58'W 124 ft. from a point on the North side line 1198.40 ft. from Cor. No.2; Claimant unknown.
23. The N.E. Cor. of house, 20x20 ft; Course of side S6° E bears S35°-32'W 163 ft. from a point on the North side line 1198.40 ft. from Cor. No.2; Claimant unknown.
24. The N.E. Cor. of house, 12x26 ft; Course of long side S40° W; bears S21°-16'W 185 ft. from a point on the North side line 1198.40 ft. from Cor. No.2; Claimant unknown.
25. The N.W. Cor. of house 24x26 ft; Course of long side S75° E; bears S30°-26'W 243 ft. from a point on the North side line 1198.40 ft. from Cor. No.2; Claimant unknown.
26. The N.W. Cor. of house 12x36 ft; Course of long side S13° W; bears S46°-43'E 42 ft. from a point on the lode line 305 ft. from the W. End Center. Claimant unknown.
27. The N.E. Cor. of house, 10x26 ft; Course of long side S12° W; bears S2°-25'W 45 ft. from a point on the lode line 305 ft. from the W. End Center. Claimant unknown.
28. The N.W. Cor. of house 16x22 ft; Course of long side S70° E; bears S16°-25'E 88 ft. from a point on the lode line 305 ft. from the W. End Center. Claimant unknown.
29. The N.W. Cor. of house, 36x48 ft; Course of long side S11° W; bears S28°-15'W 140 ft. from a point on the lode line 305 ft. from the W. End Center. Claimant unknown.
30. The N.W. Cor. of house, 25x29 ft; Course of long side S70° E; bears S9°-45'E 141 ft. from a point on the lode line 305 ft. from the W. End Center. Claimant unknown.
31. The N.E. Cor. of house, 10x27 ft; Course of long side S60° W; bears S58°-59'E 148 ft. from a point on the lode line 305 ft. from the W. End Center. Claimant unknown.
32. The S.W. Cor. of house, 11x20 ft; Course of long side N15° E; bears S63°-25'E 176 ft. from a point on the lode line 305 ft. from the W. End Center. Claimant unknown.
33. The N.E. Cor. of house, 24x40 ft; Course of long side S24° W; bears N27°-12'W 222 ft. from a point on the South side line 708 ft. from Cor. No.1, claimant unknown.



## Other Improvements-Con't.

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34. The S.E. Cor. of house, 13x23 ft; Course of long side N87°W; bears N52°-55'W 345 ft. from a point on the South side line 708 ft. from Cor. No.1, Claimant unknown.
35. The S.E. Cor. of house, 16x27 ft; Course of long side N30°E; bears N43°-25'W 102 ft. from a point on the South side line 708 ft. from Cor. No.1, claimant unknown.
36. The S.W. Cor. of house, 21x27 ft; Course of long side S72°E; bears N27°-25'E 25 ft. from a point on the South side line 708 ft. from Cor. No.1, Claimant unknown.
37. The S.W. Cor. of house, 21x33 ft; Course of long side S68°E; bears S86°-45'E 99 ft. from a point on the South side line 708 ft. from Cor. No.1, Claimant unknown.
38. The S.W. Cor. of house, 8x12 ft; Course of long side S61°E; bears S77°E 150 ft. from a point on the South side line 708 ft. from Cor. No.1, Claimant unknown.
39. The S.W. Cor. of house 16x35 ft; Course of long side S78°E; bears S69°-35'E 262 ft. from a point on the South side line 708 ft. from Cor. No.1, Claimant unknown.
40. The S.E. Cor. of house 10x12 ft; Course of long side N30°E; bears N11°-35'E 380 ft. from a point on the South side line 708 ft. from Cor. No.1, claimant unknown.
41. The S.E. Cor. of house 12x14 ft; Course of long side N45°E; bears N18°-50'E 444 ft. from a point on the South side line 708 ft. from Cor. No.1, Claimant unknown.
42. The N.W. Cor. of Engine House, 25x32 ft; Course of long side South; bears S42°-20'E 172 ft. from a point on the North side line 1198.40 ft. from Cor. No.2. Claimant herein.
43. The N.W. Cor. of blacksmith shop, 10x25 ft; Course of long side S7°W, bears S49°E 197 ft. from a point on the North side line 1198.40 ft. from Cor. No.2, Claimant herein.
44. The N.W. Cor. of house, 9x12 ft; Course of long side S81°E; bears S54°-05'E 182 ft. from a point on the North side line 1198.40 ft. from Cor. No.2, Claimant herein.

## INSTRUMENT AND DETERMINATION OF MERIDIAN.

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This survey was made with an Ainsworth Engineers' transit.

The Courses were deflected from the true meridian as determined by direct solar observation.

The distances were measured with 100 and 500 ft. steel tapes.

REPORT.

The North side line, the end lines and all tie lines were run directly upon the ground

The South  $\frac{1}{4}$  Cor. of Sec. 14; T. 19 N; R. 20 W. to which tie is given consists of a one inch black iron pipe with a brass cap, stamped  $\frac{1}{4}$  S14 S23.

The S.W. Cor. of Sec. 14; T. 19 N; R. 20 W. consists of a two inch black iron pipe with brass cap, stamped: T 19 N R 20 W S14 S15 S22 S23.

All corners of conflicting claims consist of 4x4 ins. redwood posts properly set and scribed, with the exception of Cor. No's 2-3 Starlight and Sunshine lodes, which is designated by a witness corner, consisting of a 4x4 ins. redwood post properly set and scribed, which is N.  $35^{\circ}59'$  E. 12.84 ft. from the true corner point, and N.  $63^{\circ}50'$  W 128.43 ft. from Cor. 2 New Years lode, sur. 3549.

Oatman, Arizona.  
April 30, 1919.

*Herman C. Gulch.*  
U. S. Mineral Surveyor.



# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Herman C. Zulch  
 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         
Mohawk Central Mining Company,  
 known as the NEW YEARS LODE  
 and showing the respective capacities in which they acted.

Harry Newton ..... , *Chainman.*  
 ..... , *Chainman.*  
 ..... , *Arman.*  
 ..... , *Flagman.*

## FINAL OATHS OF ASSISTANTS.

~~We~~, I, Harry Newton  
 and       , do solemnly swear that <sup>I</sup>we assisted  
Herman C. Zulch, United States Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of         
Mohawk Central Mining Company  
 known as the NEW YEARS LODE  
 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.

Harry Newton ..... , *Chainman.*  
 ..... , *Chainman.*  
 ..... , *Arman.*  
 ..... , *Flagman*

Subscribed and sworn to by the above-named persons before me this 30<sup>th</sup>

day of April, 19 19

Carol Sheffield  
Notary Public.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Herman C. Zulch, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated April 1, 1919, 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 Mohawk Central Mining Company, known as the NEW YEARS LODE, situate in San Francisco Mining District, Mohave County, Arizona, in Sections 14 & 23, Township No. 19 N., Range No. 20 W., and designated as Survey No. 3549, 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.

Herman C. Zulch
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Herman C. Zulch
U. S. Mineral Surveyor, before me
this 30th
day of April, 19 19

Paulok Sheppard
Notary Public



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

**Department of the Interior,**

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

August 12, 1919

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 Mohawk Central Mining Company,

known as the NEW YEARS Lode

situate in San Francisco

Mining District, Mohave County, Arizona

in Section S. 14 &amp; 23, Township No. 19 N., Range No. 20 W., and

designated as Survey No. 3549, 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 cut and 1 shaft, total value \$10,060, \$5000 of which is reserved for the Ace lode, unsurveyed.

Improvement No. 2 on this claim, being a common improvement for this claim and the Ace lode, unsurveyed, a one-half interest therein, value \$5000, is properly credited to each said New Years and Ace lodes.

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.

August 12, 1919.

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 Mohawk Central Mining Company

known as the

NEW YEARS Lode

situate in San Francisco mining district,

Mohave County, Arizona

in Section 14 & 23, Township No. 19 N., Range No. 20 W.

designated as Survey No. 3549

executed by Herman C. Zulch, United States Mineral

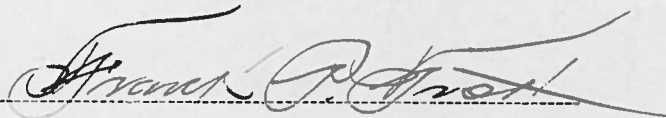
Surveyor, April 7-26, 1919, under my instructions dated

April 1, 1919, 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. A true copy of the copy of the location certificate filed by the applicant for

survey is included in the field notes.



U. S. Surveyor-General for Arizona.