

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF

MINERAL SURVEY NO. 3868,  
TOWNSHIP 12 NORTH, RANGE 63 EAST,  
OF THE MOUNT DIABLO MERIDIAN,  
IN THE STATE OF NEVADA

EXECUTED BY

Michael O. Jones, Cadastral Surveyor

Under Special Instructions dated June 11, 2019,  
and approved June 11, 2019,  
which provided for the surveys included under Group No. 992,  
and Assignment Instructions dated June 11, 2019.

Survey commenced June 26, 2019

Survey completed July 2, 2019

## INDEX DIAGRAM

TOWNSHIP 12 NORTH, RANGE 63 EAST, MOUNT DIABLO MERIDIAN, NEVADA

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Dependent Resurvey of M.S. No. 3868, Carbonate Mine Lode.....pp 2 - 6

## TOWNSHIP 12 NORTH, RANGE 63 EAST, MOUNT DIABLO MERIDIAN, NEVADA

## CHAINS

The following field notes are those of the dependent resurvey of Mineral Survey No. 3868, Township 12 North, Range 63 East, Mount Diablo Meridian, Nevada.

The west boundary was surveyed by U.S. Deputy Surveyor E. B. Monroe in 1870 under Contract No. 39.

The east boundary was surveyed by U.S. Deputy Surveyor A. G. Bateman in 1872 under Contract No. 48.

The north and south boundaries and the subdivisional lines were surveyed by U.S. Deputy Surveyor E. B. Monroe in 1873 under Contract No. 60.

Mineral Survey No. 3809, Emma Mine, Contact Mine, Blue Bell Mine, Snow Flake Mine, Riepe Mine, Garaghan Mine and June lodes were surveyed by U.S. Mineral Surveyor J. W. Wade in 1909. Additional field notes of the lode line of the June lode were examined in 1911.

Mineral Survey No. 3868, Carbonate Mine lode was surveyed by U.S. Deputy Mineral Surveyor J. W. Nyce in 1910.

The east boundary was dependently resurveyed by Cadastral Surveyor H. G. Parker in 1964 and 1965 under Group No. 420.

The east boundary and a portion of the subdivisional lines of T. 12 N., R. 62 E., were dependently resurveyed by Cadastral Surveyor R. A. Pratt in 1972 under Group No. 489.

Before restoring the corners, the lines of the original survey were retraced and a diligent search made for any evidence of the original corners and other calls of the field note records.

In order to simplify the record, the true line notes only are supplied herewith, which refer to the completed survey.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 2009, and the Special Instructions for Group No. 992, dated June 11, 2019.

Measurements were made with Trimble R-8 Global Positioning System (GPS) receivers using the real-time kinematic (RTK) method and refer to the true meridian based on geodetic methods. The mean bearings of the lines and horizontal equivalents of ground distances, only, are entered into the field notes.

The NAD 1983 (2011) (EPOCH: 2010.0000) geographic position, of the following corners were determined by GPS static observations processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuous Operation Reference Stations (CORS) DP2494 NVWS WARM SPRINGS CORS ARP, DN7504 SGU1 ST GEORGE PUTIL CORS ARP, DL6904 NVSV SPRING VALLEY CORS ARP, DL7692 GOSH GOSH BRGN UT1996 CORS ARP, DM7135 NVPI PIOCHE CORS APR, AI8817 ECHO ECHO BRGN NV1999 CORS ARP, and carried forward by RTK observations.

The 1/4 sec. cor. of secs. 12 and 13, T. 12 N., R. 62 E., Mount Diablo Meridian, Nevada, is as follows:

## TOWNSHIP 12 NORTH, RANGE 63 EAST, MOUNT DIABLO MERIDIAN, NEVADA

## CHAINS

Latitude: 38°54'27.532" N.      Longitude: 114°57'15.083" W.

Cor. No. 3, Mineral Survey No. 3868, Carbonate Mine lode is as follows:

Latitude: 38°53'44.968" N.      Longitude: 114°56'01.432" W.

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Reestablishment of the Survey Executed by U.S. Deputy Mineral  
Surveyor J. W. Nyce in 1910

## Carbonate Mine lode

Beginning at Cor. No. 1, Mineral Survey No. 3868, Carbonate Mine lode, determined at the center of a mound of stone, 4 ft. diam., 2 ft. high, with the original wood post, 4 ins. square, 54 ins. long, mkd. C-1 3868, and with the perpetuation by Arnold C. Wood, Nevada Registered Land Surveyor No. 3144, in 1989, a galvanized iron pipe, 1 1/2 ins. diam., 24 ins. long, with a 8 in. long piece of steel fence post welded perpendicular to the bottom of the pipe, with a rectangular brass cap, 3 x 1 1/2 ins., mkd. COR. NO. 1 CARBONATE USMS 3868 R.L.S. 3144, as shown on County Map No. 348, recorded in White Pine County, Nevada as File No. 263579, lying loose on the mound of stone, and with a wood post, 4 ins. diam., 62 ins. long, hewed on 1 side, no visible marks, lying alongside the mound of stone, from which the original bearing tree

A dead standing pinon pine, 13 ins. diam., bears  
S. 57°10' E., 17.0 lks. dist., faintly mkd. BT C1  
3868 on an open blaze.

At the corner point

Set a brass tablet, 3 1/4 ins. diam., 3 1/2-in. stem, cemented in a drill hole in solid rock, with top mkd.

S18 / CA MI  
1-MS3868  
T12N R63E

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Bury the iron pipe alongside the tablet, and lay the wood posts alongside the rock out cropping and raise a mound of stone, 3 ft. base, 1 1/2 ft. high, W. of the cor.

Cor. is located on rock shelf, 50 lks. down the rock outcrop.

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## CHAINS

From this cor., the 1/4 sec. cor. of secs. 12 and 13, T. 12 N., R. 62 E., bears N. 41°22'40" W., 107.745 chs. dist., (Record: N. 50°07'40" W., 4065.70 ft. (61.602 chs.)), monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd. as described in the field notes of the dependent resurvey of a portion of the subdivisional lines of T. 12 N., R. 62 E., executed under Group No. 489, with a mound of stone, 3 1/2 ft. diam., 2 1/2 ft. high, N. of cor.

From this same cor., the locatable record improvements are as follows: No. 2, an inclined shaft, bears N. 36°26' E., 11.38 chs. dist., No. 3, an inclined shaft, bears N. 41°32' E., 11.19 chs. dist. (Record: 728 ft. (11.03 chs.)), No. 4, a shaft and drift, course E., bears N. 50°41' E., 7.73 chs. dist. (Record: N. 52° E.), No. 5, a shaft, bears N. 54°44' E., 7.27 chs. dist.

S. 56°28'20" E., on line 1-2, Mineral Survey No. 3868, Carbonate Mine lode.

9.223

Cor. No. 2, Mineral Survey No. 3868, Carbonate Mine lode, perpetuated by Arnold C. Wood, Nevada Registered Land Surveyor No. 3144, in 1989, monumented with a galvanized iron pipe, 1 1/2 ins. diam., 24 ins. long, with a 8 in. long piece of steel fence post welded perpendicular to the bottom of the pipe, firmly set, projecting 2 ins. above a mound of stone, 2 1/2 ft. diam., 1 ft. high, with a rectangular brass cap 3 x 1 1/2 ins. mkd., COR. NO. 2 CARBONATE USMS 3868 R.L.S. 3144, as shown on County Map No. 348, recorded in White Pine County, Nevada as File No. 263579, with the remains of the original wood post, 4 ins. square, 24 ins. long, loosely set alongside, projecting 16 ins. above the mound of stone, faintly mkd. C-2 3868, and with a wood post 4 ins. diam., 60 ins. long, hewed on 4 sides, no visible marks, lying loose alongside the mound of stone, and with a steel fence post firmly set alongside the cor. This is accepted as a careful and faithful perpetuation of the position of the original corner.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.

MS 3868  
CA MI  
2 S19

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2019

Bury the iron pipe, and the remains of the original wood post inverted alongside the stainless steel post, and lay the hewed wood post alongside the collar of stone.

DEPENDENT RESURVEY OF MINERAL SURVEY NO. 3868,  
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CHAINS	N. 24°19'10" E., on line 2-3, Mineral Survey No. 3868, Carbonate Mine lode.
3.95	Dirt road, 15 lks. wide, bears, N. 71° E. and S. 71° W.
11.352	<p>From this point, a position established by Arnold C. Wood, Nevada Registered Land Surveyor No. 3144, in 1989, monumented with a galvanized iron pipe, 1 1/2 ins. diam., firmly set, projecting 9 ins. above a mound of stone, 2 ft. diam., 1 ft. high, with a rectangular brass cap, 3 x 1 1/2 ins., mkd. E. SIDE CENT. CARBONATE USMS 3868 R.L.S. 3144, bears S. 65°40'50" E., 0.019 chs. dist., as shown on County Map No. 348, recorded in White Pine County, Nevada as File No. 263579, and with a steel fence post firmly set alongside. This position is not utilized during the course of this survey.</p>
22.687	<p>Cor. No. 3, Mineral Survey No. 3868, Carbonate Mine lode, perpetuated by Arnold C. Wood, Nevada Registered Land Surveyor No. 3144, in 1989, monumented with a galvanized iron pipe, 1 1/2 ins. diam., 24 ins. long, with a 8 in. long piece of steel fence post welded perpendicular to the bottom of the pipe, firmly set, projecting 3 ins. above a mound of stone 2 1/2 ft. diam., 1 ft. high, with a rectangular brass cap 3 x 1 1/2 ins. mkd. COR. NO. 3 CARBONATE USMS 3868 R.L.S. 3144, as shown on County Map No. 348, recorded in White Pine County, Nevada as File No. 263579, with the remains of the original wood post, 4 ins. square, 23 ins. long, loosely set alongside, projecting 23 ins. above the mound of stone, faintly mkd. C-3 3868, and with a wood post, 5 ins. diam., 60 ins. long, hewed on 4 sides, no visible marks, lying loose alongside the mound of stone, and with a steel fence post firmly set alongside the cor. This is accepted as a careful and faithful perpetuation of the position of the original corner.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.</p> <div data-bbox="836 1326 1112 1460" data-label="Diagram"> </div> <p>2019</p> <p>Bury the iron pipe and the remains of the original wood post, inverted alongside the stainless steel post, and lay the hewed wood post alongside the collar of stone.</p>
	<p>N. 56°14'00" W., on line 3-4, Mineral Survey No. 3868, Carbonate Mine lode.</p>

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CHAINS  
9.215

Cor. No. 4, Mineral Survey No. 3868, Carbonate Mine lode, perpetuated by Arnold C. Wood, Nevada Registered Land Surveyor No. 3144, in 1989, monumented with a galvanized iron pipe, 1 1/2 ins. diam., 24 ins. long, with a 8 in. long piece of steel fence post welded perpendicular to the bottom of the pipe, firmly set, projecting 6 ins. above ground, with a rectangular brass cap 3 x 1 1/2 ins. on top, mkd. COR. NO. 4 CARBONATE USMS 3868 R.L.S. 3144, as shown on County Map No. 348, recorded in White Pine County, Nevada as File No. 263579, with the remains of the original wood post, 4 ins. square, 25 ins. long, faintly mkd. C-4 3868, and with a wood post, 4 ins. diam., 30 ins. long, hewed on 4 sides, no visible marks, both lying loose alongside the iron pipe, and with a steel fence post firmly set alongside the cor. This is accepted as a careful and faithful perpetuation of the position of the original corner.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, over a plastic-encased magnet, and in a collar of stone, with brass cap mkd.

T12N R63E  
S18 4  
MS 3868  
CA MI

2019

Bury the iron pipe and the remains of the original wood post, inverted alongside the stainless steel post, and lay the hewed wood post alongside the collar of stone.

From this cor., Cor. No. 4, Mineral Survey No. 3809, Emma Mine lode, monumented with the original wood post, 4 ins. square, 54 ins. long, loosely set, projecting 44 ins. above a mound of stone, 5 ft. diam., 2 ft. high, mkd. 4 3809, bears N. 7°40'10" E., 44.988 chs. dist., (Record: N. 7°35' E., 2965.50 ft. (44.932 chs.)).

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, over a plastic-encased magnet, and in a mound of stone, 5 ft. base, to the top, with brass cap mkd.

EM MI  
MS 3809  
T12N 4  
R63E  
S18

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CHAINS	<p>From this same cor., Cor. No. 3, Mineral Survey No. 3809, Snow Flake Mine lode, determined at the center of an embedded mound of stone, 2 1/2 ft. diam., 8 ins. high, with the remains of the original wood post, 4 ins. square, 36 ins. long, faintly mkd. 3 3809, lying loose on the mound, bears N. 59°36'40" E., 69.194 chs. dist. This is accepted as the best available evidence of the position of the original corner.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, over a plastic-encased magnet, and in a mound of earth and stone, 2 ft. base to the top, with brass cap mkd.</p> <div style="text-align: center;"> <p>SN FL MI MS 3809 3 S17 T12N R63E 2019</p> </div> <hr/> <p>S. 24°21'10" W., on line 4-1, Mineral Survey No. 3868, Carbonate Mine lode.</p> <p>10.30 Dirt road, 15 lks. wide, bears S. 54° E. and N. 54° W.</p> <p>11.371 A position established by Arnold C. Wood, Nevada Registered Land Surveyor No. 3144, in 1989, monumented with a galvanized iron pipe, 1 1/2 ins. diam., firmly set, projecting 8 ins. above ground, with a rectangular brass cap 3 x 1 1/2 ins., mkd. W. SIDE CENT. CARBONATE USMS 3868 R.L.S. 3144, as shown on County Map No. 348, recorded in White Pine County, Nevada as File No. 263579, and with a steel fence post firmly set alongside. This position is not utilized during the course of this survey.</p> <p>22.723 Cor. No 1, Mineral Survey No. 3868, Carbonate Mine lode, and the place of beginning.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The average elevation of the area surveyed is about 7900 feet. General drainage is to the West. Vegetation consists of junipers, pinon pine, mahogany, sagebrush and numerous wild flowers.</p> <hr/>
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Kelly R. Totten

Student Trainee (Survey)

Stephen R. Lambeth

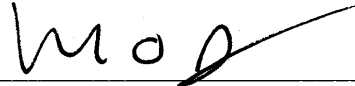
Contract Surveyor

## CERTIFICATE OF SURVEY

I, Michael O. Jones, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 11th day of June, 2019, I have dependently resurveyed Mineral Survey No. 3868, Township 12 North, Range 63 East, of the Mount Diablo Meridian, in the State of Nevada, which are 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 special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

JAN 14 2020

(Date)



(Cadastral Surveyor)

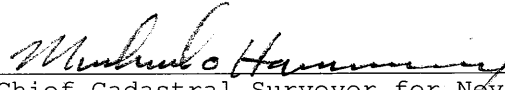
## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Reno, Nevada

The foregoing field notes of the dependent resurvey of Mineral Survey No. 3868, Township 12 North, Range 63 East, of the Mount Diablo Meridian, Nevada, executed by Michael O. Jones, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

JAN 14 2020

(Date)



(Chief Cadastral Surveyor for Nevada)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY that the foregoing transcript of the field notes of the above described surveys in Township 12 North, Range 63 East, Mount Diablo Meridian, Nevada, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor for Nevada)~~