

1

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4462

Arizona Land District.

## FIELD NOTES

Of The Survey Of The Mining Claim Of

Alvis F. Denison

Known As The

Miss Lottie #'s 4, 5 & 6 lodes and D & W #'s 3, 4 & 5 lodes

Mogollon Rim Mining District,

Coconino County, Arizona

Section 14, Township 11 North, Range 14 East, Gila and Salt River Meridian

Surveyed under order dated September 22, 1958

by Richard L. Merritt  
Mineral Surveyor.

Claim located See below, 19

Survey commenced October 14, 1958

Survey completed November 24, 1958

Address of claimant Alvis F. Denison, % Joseph H. Morgan, Atty.  
Luhrs Building, Phoenix, Arizona

### DATES OF AMENDED LOCATIONS

Claim	Located	Recorded
Miss Lottie #4	November 18, 1950	November 25, 1950
Miss Lottie #5	November 18, 1950	November 25, 1950
Miss Lottie #6	November 18, 1950	November 25, 1950
D & W #3	October 8, 1952	November 3, 1952
D & W #4	October 8, 1952	November 3, 1952
D & W #5	October 8, 1952	November 3, 1952

X-Check

This survey was made with a Gurley transit No. 59062, with horizontal limb 6.25 ins. diam., having two double opposite verniers and full vertical circle, 5 ins. diam., having one double vernier; the verniers read to one minute of arc. The eyepiece is equipped with a colored shade set in the dust shutter for making direct observations upon the sun. The instrument was in good condition at the time of the survey and all adjustments were in good order.

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

October 17, 1958, at cor. No. 1 of the Miss Lottie #4 lode, in latitude  $34^{\circ} 20' 15''$  N. and longitude  $110^{\circ} 49' 25''$  W., I made a series of six altitude observations upon the sun for azimuth at approximately equal time intervals, three each with telescope in direct and reversed positions, observing opposite limbs of the sun and reading the horizontal angle from cor. No. 2 of the Miss Lottie #4 lode to the left to the sun.

Mean time of observation,  
105th meridian standard time  $10^{\text{h}} 29^{\text{m}} 35^{\text{s}}$  a.m.

Declination of sun at mean time  
of observation  $9^{\circ} 15' 10''$  S.

Mean observed vertical angle to sun's  
center  $38^{\circ} 46' 20''$

Mean horizontal angle from cor. No. 2 of  
the Miss Little #4 lode to sun's center  $6^{\circ} 43' 10''$

True bearing line 1-2, Miss Lottie #4 lode  $S. 30^{\circ} 20' 20''$  E.

The lines were measured with a Lufkin steel tape, 400 ft. in length, graduated every foot, the first and last feet being graduated to tenths and hundredths; the tape was compared with a Lufkin standard tape at the time of beginning the survey and found correct.

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

The magnetic declination observed at each corner of the survey gave a uniform value of  $15^{\circ}$  E.

## Survey No. 4462

## MISS LOTTIE #6 LODE

At cor. No. 1 of the Miss Little #6 lode.

Set a sandstone, 26x18x4 ins., 14 ins. in the ground, mkd. X ML6-1-4462; from which

The  $W\frac{1}{2}$  cor. of sec. 14, T. 11 N., R. 14 E., Gila and Salt River Mer. bears  $S. 58^{\circ} 21' 30''$  W., 1492.50 ft. dist., an iron post,  $\frac{3}{4}$  in. diam., 12 ins. above the ground, mkd. and witnessed as described in the official record.

A pine, 20 ins. diam., bears  $S. 51^{\circ} 30'$  W., 41.8 ft. dist., mkd. X ML6-1-4462 BT.

Thence  $N. 59^{\circ} 40'$  E.

300.00	Lode line, discovery point bears S. 30° 20' E., 1400 ft. dist.
600.00	Cor. No. 2, identical with cor. No. 4, Miss Lottie #5 lode of this survey. Set a sandstone, 28x10x5 ins., 14 ins. in the ground, mkd. X ML6-2, ML5-4-4462; from which  A pine, 14 ins. diam., bears N. 63° 56' W., 18.8 ft. dist., mkd. X ML6-2, ML5-4-4462 BT.  Thence S. 30° 20' E.
1500.00	Cor. No. 3, identical with cor. No. 3 of the Miss Lottie #5 lode of this survey, cor. No. 2, Sur. No. 4352, Campbell and Denison No. 11 lode, Cor. No. 3, Sur. No. 4352, Campbell and Denison No. 12 lode. A sandstone, 14x9 ins., 10 ins. above ground, mkd. X CD11-2, CD12-3-4352. I mkd. stone ML6-3, ML5-3-4462; from which  A pine, 36 ins. diam., bears S. 71° 59' E., 47.46 ft. dist., mkd. X ML6-3, ML5-3, 4462 BT.  Thence S. 59° 40' W.
300.00	Lode line, discovery point bears N. 30° 20' W., 100.0 ft. dist.
600.00	Cor. No. 4, identical with cor. No. 2, Sur. No. 4352, Campbell and Denison No. 12 lode. A sandstone, 16x5 ins., 8 ins. above ground, mkd. X CD12-2-4352. I mkd. stone ML6-4-4462; from which  A pine, 16 ins. diam., bears S. 65° 23' W., 19.34 ft. dist., mkd. X ML6-4-4462 BT.  Thence N. 30° 20' W.
1500.00	Cor. No. 1 and place of beginning.
<b>MISS LOTTIE #5 LODE</b>	
	At cor. No. 1 of the Miss Lottie #5 lode, on line 3-4, D & W #5 lode of this survey. Set a sandstone, 24x10x4 ins., 12 ins. in the ground, mkd. X ML5-1-4462; from which  The N½ cor. of sec. 14, T. 11 N., R. 14 E., Gila and Salt River Mer., bears N. 14° 39' 30" E., 1297.07 ft. dist., an iron post, ¾ in. diam., 11 ins. above ground, mkd. and witnessed as described in the official record. A pine, 18 ins. diam., bears S. 47° 47' E., 24.04 ft. dist., mkd. X ML5-1-4462 BT.  Thence S. 30° 20' E.
400.00	Cor. No. 3, D & W #5, identical with cor. No. 4, Miss Lottie #4 lodes of this survey.
1500.00	Cor. No. 2, identical with cor. No. 3, Sur. No. 4352, Campbell and Denison No. 11 lode, on line 3-4, Miss Lottie #4 lode of this survey. A sandstone, 21x8 ins. above ground, mkd. X DB11-3-4352. I mkd. stone ML5-2-4462; from which

Feet	
	<p>A sandstone, 12x8 ins. above ground, mkd. X CD11-3-4352. I mkd. stone ML5-2-4462; from which</p> <p>A pine, 18 ins. diam., bears N. 8° 00' E., 19.30 ft. dist., mkd. X ML5-2-4462 BT.</p> <p>Thence S. 59° 40' W.</p>
300.00	Lode line, discovery point bears N. 30° 20' W., 150.00 ft. dist.
600.00	Cor. No. 3, identical with cor. No. 3, Miss Lottie #6 lode of this survey, cor. No. 2, Sur. No. 4352, Campbell and Denison No. 11 lode, cor. No. 3, Sur. No. 4352, Campbell and Denison No. 12 lode.
	Thence N. 30° 20' W.
1500.00	Cor. No. 4, identical with cor. No. 2, Miss Lottie #6 lode, this survey.
	Thence N. 59° 40' E.
300.00	Lode line, discovery point bears S. 30° 20' E., 1350 ft. dist.
600.00	Cor. No. 1 and place of beginning.
	<b>D &amp; W #5 LODE</b>
	Beginning at cor. No. 1 of the D & W #5 lode, identical with cor. No. 1, Sur. No. 4417 A, D & W #6 lode.
	A sandstone, 12x6 ins., 11 ins. above ground, mkd. X DW6-1-4417 A. I mkd. stone DW5-1-4462; from which
	The N½ cor. sec. 14, T. 11 N., R. 14 E., Gila and Salt River Mer., bears N. 89° 37' 20" E., 365.95 ft. dist.
	Cor. No. 1, Sur. No. 4417 B, Hill Crest Millsite #1, bears N. 30° 20' W., 2.0 ft. dist.
	A pine, 24 ins. diam., bears N. 4° 15' E., 20.75 ft. dist., mkd. X DW5-1-4462 BT.
	Thence S. 30° 20' E.
600.00	Cor. No. 4, Sur. No. 4417 A, D & W #6 lode, identical with cor. No. 1, Sur. No. 4417 A, D & W #1 lode.
1149.00	Center of road, bears N. 71° E. and S. 71° W.
1200.00	Cor. No. 4, Sur. No. 4417 A, D & W #1 lode, identical with cor. No. 4, D & W #3 lode of this survey.
1500.00	Cor. No. 2, identical with cor. No. 1, Miss Lottie #4 lode of this survey.
	On line 3-4, D & W #3 lode of this survey.
	Set a sandstone, 26x14x6 ins., 14 ins. in the ground, mkd. X DW5-2, ML4-1-4462; from which
	A pine, 24 ins. diam., bears N. 27° 52' E., 32.0 ft. dist., mkd. X DW5-2, ML4-1-4462 BT.
	Thence S. 59° 40' W.
47.00	Center of road, bears S. 30° E. and N. 30° W.
300.00	Lode line, discovery point bears N. 30° 20' W., 85.0 ft. dist.

## Survey No. 4462

4

Feet

- 600.00 Cor. No. 3, identical with cor. No. 4, Miss Lottie #4 lode of this survey.  
On line 1-2, Miss Lottie #5 lode of this survey.  
Set a sandstone, 30x12x4 ins., 16 ins. in the ground, mkd. X DW5-3, ML4-4-4462; from which  
A pine, 16 ins. diam., bears S. 54° 30' W., 16.75 ft. dist., mkd. X DW5-3, ML4-4-4462 BT.  
Thence N. 30° 20' W.
- 400.00 Cor. No. 1, Miss Lottie #5 lode of this survey.
- 1255.00 Set an iron spike, ½ in. diam., 10 ins. long, 9½ ins. in the ground, surrounded by a mound of stones.
- 1500.00 Cor. No. 4.  
This cor. falls in millpond where a permanent monument cannot be established; from this point cor. No. 1, Sur. No. 4417 B, The Boss #1 Millsite, identical with cor. No. 2, Sur. No. 4417 B, Hillcrest Millsite #1, bears N. 30° 20' W., 2.0 ft. dist.  
Thence N. 59° 40' E.
- 245.00 Set a sandstone, 30x12x5 ins., 16 ins. in the ground for witness cor. No. 4, mkd. X W C-DW5-4-4462.
- 255.00 Center of road, bears N. 30° W. and S. 30° E.
- 293.00 Center of road, bears N. 5° W. and S. 5° E.
- 300.00 Lode line, discovery point bears S. 30° 20' E., 1415 ft. dist.
- 600.00 Cor. No. 1 and place of beginning.

## MISS LOTTIE #4 LODE

Beginning at cor. No. 1 of the Miss Lottie #4 lode, identical with cor. No. 2, D & W #5 lode of this survey; from which

The N½ cor. of sec. 14, T. 11 N., R. 14 E., Gila and Salt River Mer., bears N. 16° 48' W., 1354.90 ft. dist.

Thence S. 30° 20' E.

- 900.00 Cor. No. 3, D & W #3, identical with cor. No. 3, D & W #4 lodes of this survey.
- 1200.00 Lode line, D & W #4 lode of this survey.
- 1500.00 Cor. No. 2, identical with cor. No. 3, Sur. No. 4352, Campbell and Denison Ext. No. 9 lode; cor. No. 4, Sur. No. 4352, Campbell and Denison No. 10 lode; cor. No. 2, D & W #4 lode of this survey.  
A sandstone, 12x6 ins., 11 ins. above ground, mkd. X CDE9-3, CD10-4-4352. I mkd. stone ML4-2, DW4-2-4462; from which  
A pine, 24 ins. diam., bears S. 59° 17' E., 54.48 ft. dist., mkd. X ML4-2, DW4-2-4462 BT.

CHANGES Feet	
	Thence S. 59° 40' W.
300.00	Lode line, discovery point bears N. 30° 20' W., 90.0 ft. dist.
410.00	Center of road, bears S. 15° E. and N. 15° W.
600.00	Cor. No. 3, identical with cor. No. 3, Sur. No. 4352, Campbell and Denison No. 10 lode. On line 3-4, Sur. No. 4352, Campbell and Denison No. 11 lode. This corner had been destroyed. Set a sandstone, 24x14x4 ins., 13 ins. in the ground, mkd. X ML4-3-4462, CD10-3-4352; from which A pine, 30 ins. diam., bears S. 34° 46' E., 15.56 ft. dist., mkd. X ML4-3-4462 BT. Thence N. 30° 20' W.
230.00	Center of road, bears N. 41° E. and S. 41° W.
400.00	Cor. No. 3, Sur. No. 4352, Campbell and Denison No. 11 lode, identical with cor. No. 2, Miss Lottie #5 lode of this survey.
1500.00	Cor. No. 4, identical with cor. No. 3, D & W #5 lode of this survey. Thence N. 59° 40' E.
300.00	Lode line, discovery point bears S. 30° 20' E., 1410.0 ft. dist.
553.00	Center of road, bears N. 30° W. and S. 30° E.
600.00	Cor. No. 1 and place of beginning.
	<b>D &amp; W #3 LODE</b> Beginning at cor. No. 1 of the D & W #3 lode, identical with cor. No. 3, Sur. No. 4417 A, D & W #2 lode on line 3-4, Sur. No. 4417 A, D & W #1 lode. A sandstone, 10x8 ins., 14 ins. above ground, mkd. X DW2-3-4417 A. I mkd. stone DW3-1-4462; from which The N½ cor. of sec. 14, T. 11 N., R. 14 E., Gila and Salt River Mer., bears N. 45° 52' 35" W., 1055.89 ft. dist. A pine, 30 ins. diam., bears S. 17° 03' W., 61.25 ft. dist., mkd. X DW-3-1-4462 BT. Thence S. 30° 20' E.
228.00	Center of road, bears S. 87° E. and N. 87° W.
600.00	Cor. No. 2, Sur. No. 4417 A, D & W #2 lode, identical with cor. No. 4, Sur. No. 4417 A, Hillcrest #26 lode.
1200.00	Cor. No. 2, identical with cor. No. 3, Sur. No. 4417 A, Hillcrest #26 lode. On line 3-4, D & W #4 lode of this survey.

## Survey No. 4462

6

X  
Feet

	<p>A sandstone, 14x6 ins., 16 ins. above ground, mkd. X H26-3-4417 A. I mkd. stone DW3-2-4462; from which</p> <p>A pine, 36 ins. diam., bears S. 79° 10' E., 21.04 ft. dist., mkd. X DW3-2-4462 BT.</p> <p>Thence S. 59° 40' W.</p>
300.00	Lode line, discovery point bears N. 30° 20' W., 30.0 ft. dist.
600.00	Cor. No. 3, identical with cor. No. 3, D & W #4 lode of this survey.
	On line 1-2, Miss Lottie #4 lode of this survey.
	Set a sandstone, 26x12x6 ins., 14 ins. in the ground, mkd. X DW3-3, DW4-3-4462.
	Thence N. 30° 20' W.
900.00	Cor. No. 1, Miss Lottie #4, identical with cor. No. 2, D & W #5 lodes of this survey.
1200.00	Cor. No. 4, identical with cor. No. 4, Sur. No. 4417 A, D & W #1 lode.
	On line 1-2, D & W #5 lode of this survey.
	A sandstone, 9x8 ins., 16 ins. above ground, mkd. X DW1-4-4417 A. I mkd. stone DW3-4-4462; from which
	A pine, 24 ins. diam., bears S. 14° 38' E., 13.29 ft. dist., mkd. X DW3-4-4462 BT.
	Thence N. 59° 40' E.
267.00	Center of road, bears N. 81° E. and S. 81° W.
300.00	Lode line, discovery point bears S. 30° 20' E., 1170.0 ft. dist.
600.00	Cor. No. 1 and place of beginning.
	<b>D &amp; W #4 LODE</b>
	Beginning at cor. No. 1 of the D & W #4 lode, identical with cor. No. 1, Sur. No. 4417 A, Hillcrest #25 lode; cor. No. 2, Sur. No. 4352, Campbell and Denison Ext. No. 7 lode; cor. No. 4, Sur. No. 4352, Campbell and Denison Ext. No. 8 lode.
	A sandstone, 12x8 ins., 15 ins. above ground, mkd. X H25-1-4417 A, CDE7-2, CDE8-4-4352. I mkd. stone DW4-1-4462; from which
	The E $\frac{1}{2}$ cor. of sec. 14, T. 11 N., R. 14 E., Gila and Salt River Mer., bears S. 34° 50' 30" E., 784.37 ft. dist., an iron post, $\frac{3}{4}$ in. diam., 12 ins. above ground, mkd. and witnessed as described in the official record.
	A pine, 14 ins. diam., bears S. 82° 08' W., 19.74 ft. dist., mkd. X DW4-1-4462 BT.
	Thence S. 59° 40' W.
600.00	Cor. No. 3, Sur. No. 4352, Campbell and Denison Ext. No. 8 lode, identical with cor. No. 4, Sur. No. 4352, Campbell and Denison Ext. No. 9 lode.

1200.00	Cor. No. 2, identical with cor. No. 3, Sur. No. 4352, Campbell and Denison Ext. No. 9 lode; cor. No. 4, Sur. No. 4352, Campbell and Denison No. 10 lode; cor. No. 2, Miss Lottie #4 lode of this survey.
300.00	Thence N. 30° 20' W., 185.0 ft. dist. Lode line, discovery point bears N. 59° 40' E., 185.0 ft. dist.
600.00	Cor. No. 3, identical with cor. No. 3, D & W #3 lode of this survey. On line 1-2, Miss Lottie #4 lode of this survey.
300.00	Thence N. 59° 40' E., Lode line, D & W #3 lode of this survey.
600.00	Cor. No. 2, D & W #3 lode of this survey, identical with cor. No. 3, Sur. No. 4417 A, Hillcrest #26 lode.
1200.00	Cor. No. 4, identical with cor. No. 2, Sur. No. 4417 A, Hillcrest #25 lode. On line 2-3, Sur. No. 4417 A, Hillcrest #26 lode.
	A sandstone, 12x6 ins., 16 ins. above ground, mkd. X H25-2-4417 A. I mkd. stone DW4-4-4462; from which A pine, 26 ins. diam., bears S. 80° 06' W., 20.58 ft. dist., mkd. X DW4-4-4462 BT. Thence S. 30° 20' E.,
300.00	Lode line, discovery point bears S. 59° 40' W., 1015 ft. dist.
600.00	Cor. No. 1 and place of beginning.

**AREAS**

Acres
20.661
20.661
20.661
20.661
16.529
16.529

- Total area, Miss Lottie #6 lode
- Total area, Miss Lottie #5 lode
- Total area, D & W #5 lode
- Total area, Miss Lottie #4 lode
- Total area, D & W #3 lode
- Total area, D & W #4 lode

**LOCATION**

This survey is located in the NW $\frac{1}{4}$  of sec. 14, NE $\frac{1}{4}$  of sec. 14, SE $\frac{1}{4}$  of sec. 14, SW $\frac{1}{4}$  of sec. 14, T. 11 N., R. 14 E., Gila and Salt River Meridian, within the Sitgreaves National Forest.

The survey of all lodes is identical with the location notices as marked on the ground. The location monuments, all mound of stones, 3.0 ft. base by 3.0 ft. high, were rebuilt alongside at the four corners of each lode.

**EXPENDITURES**

The improvements and the value of the labor and improvements made upon or for the benefit of each of the lode locations embraced in said mining claims by the claimant or his grantors are as follows:



Census Feet	
No. 1	The discovery point of the Miss Lottie #6 lode is on the lode line, N. 30° 20' W., 100 ft. dist. from the center of line 3-4. No value.
No. 2	A trench, the west end of which bears N. 35° E., 295.0 ft. dist. from cor. No. 4 of the Miss Lottie #6 lode, 16.0 ft. wide, 4.0 ft. deep, running N. 70° E., 64.0 ft. Value, \$450.
No. 3	A trench, the east end of which bears N. 4° 33' W., 330.0 ft. dist. from the center of line 3-4, Miss Lottie #6 lode, 14.0 ft. wide, 2.5 ft. deep, running S. 60° W., 61.0 ft. Value, \$240.
No. 4	A trench, the east end of which bears N. 53° W., 356.0 ft. dist. from cor. No. 3, Miss Lottie #6 lode, 14.0 ft. wide, 3.0 ft. deep, running S. 75° W., 83.0 ft. Value, \$350.
No. 5	A trench, the east end of which bears N. 36° 30' W., 278.0 ft. dist. from cor. No. 3, Miss Lottie #6 lode, 12.0 ft. wide, 1.5 ft. deep, running S. 80° W., 63.0 ft. Value, \$120.
No. 6	A trench, the south end of which bears N. 47° 12' E., 120.0 ft. dist. from the center of line 3-4, Miss Lottie #6 lode, 4.0 ft. wide, 6.0 ft. deep, running N. 15° E., 17.0 ft. Value, \$50.
No. 7	A trench, the north end of which bears S. 70° 30' W., 147.0 ft. dist. from cor. No. 3, Miss Lottie #6 lode, 4.0 ft. wide, 7.0 ft. deep, running S. 25° W., 22.0 ft. Value, \$70.
No. 1	The discovery point of the Miss Lottie #5 lode is on the lode line, N. 30° 20' W., 150.0 ft. dist. from the center of line 2-3. No value.
No. 2	A trench, the east end of which bears N. 16° 48' W., 132.0 ft. dist. from the center of line 2-3, Miss Lottie #5 lode, 14.0 ft. wide, 7.0 ft. deep, running west, 61.0 ft. Value, \$600.
No. 3	A trench, the south end of which bears N. 32° E., 212.0 ft. dist. from cor. No. 3, Miss Lottie #5 lode, 14.0 ft. wide, 2.0 ft. deep, running N. 25° E., 65.0 ft. Value, \$200.
No. 4	A trench, the south end of which bears N. 14° 30' W., 468.0 ft. dist. from cor. No. 3 of the Miss Lottie #5 lode, 14.0 ft. wide, 5.0 ft. deep, running N. 15° E., 66.0 ft. Value, \$500.
No. 5	A trench, the north end of which bears N. 62° W., 534.0 ft. dist. from cor. No. 2 of the Miss Lottie #5 lode, 6.0 ft. wide, 5.0 ft. deep, running S. 30° W., 21.0 ft. Value, \$100.
No. 6	A trench, the south end of which bears N. 83° 30' W., 285.0 ft. from cor. No. 2 of the Miss Lottie #5 lode, 14.0 ft. wide, 3.0 ft. deep, running north, 72.0 ft. Value, \$300.

Center Feet	
No. 1	The discovery point of the D & W #5 lode is on the lode line, N. 30° 20' W., 85.0 ft. dist. from the center of line 2-3. No value.
No. 2	A trench, the south end of which bears N. 48° 30' E., 220.0 ft. dist. from cor. No. 3 of the D & W #5 lode, 12.0 ft. wide, 1.5 ft. deep, running N. 25° E., 95.0 ft. Value, \$180.
No. 3	A trench, the south end of which bears N. 5° 30' W., 215.0 ft. dist. from cor. No. 3 of the D & W #5 lode, 4.0 ft. wide, 8.0 ft. deep, running N. 20° W., 15.0 ft. Value, \$50.
No. 4	A trench, the south end of which bears N. 18° W., 185.0 ft. dist. from cor. No. 3 of the D & W #5 lode, 4.0 ft. wide, 8.0 ft. deep, running N. 25° W., 13.0 ft. Value, \$50.
No. 5	A trench, the south end of which bears N. 16° 45' W., 683.0 ft. dist. from cor. No. 3 of the D & W #5 lode, 20.0 ft. wide, 2.0 ft. deep, running N. 20° W., 68.0 ft. Value, \$300.
No. 6	A trench, the east end of which bears N. 58° W., 830.0 ft. dist. from cor. No. 2 of the D & W #5 lode, 20.0 ft. wide, 1.5 ft. deep, running west, 70.0 ft. Value, \$250.
No. 7	A trench, the south end of which bears N. 62° W., 730.0 ft. dist. from cor. No. 2 of the D & W #5 lode, 18.0 ft. wide, 3.0 ft. deep, running N. 25° W., 46.0 ft. Value, \$270.
No. 1	The discovery point of the Miss Lottie #4 lode is on the lode line, N. 30° 20' W., 90.0 ft. dist. from the center of line 2-3. No value.
No. 2	A trench, the east end of which bears S. 76° 30' W., 284.0 ft. dist. from cor. No. 2 of the Miss Lottie #4 lode, 14.0 ft. wide, 2.5 ft. deep, running S. 65° W., 65.0 ft. Value, \$250.
No. 3	A trench, the south end of which bears N. 23° 30' W., 415.0 ft. dist. from cor. No. 3 of the Miss Lottie #4 lode, 3.0 ft. wide, 7.0 ft. deep, running N. 15° W., 23.0 ft. Value, \$60.
No. 4	A trench, the south end of which bears N. 15° 30' W., 424.0 ft. dist. from cor. No. 3 of the Miss Lottie #4 lode, 12.0 ft. wide, 3.0 ft. deep, running N. 40° W., 64.0 ft. Value, \$250.
No. 5	A trench, the south end of which bears N. 38° W., 468.0 ft. dist. from cor. No. 2 of the Miss Lottie #4 lode, 7.0 ft. wide, 7.0 ft. deep, running N. 37° W., 21.0 ft. Value, \$120.
No. 6	A trench, the south end of which bears N. 34° W., 470.0 ft. dist. from cor. No. 2 of the Miss Lottie #4 lode, 4.0 ft. wide, 6.0 ft. deep, running N. 17° E., 18.0 ft. Value, \$55.

## CHECKS

- No. 1 The discovery point of the D & W #3 lode is on the lode line, N. 30° 20' W., 30.0 ft. dist. from the center of line 2-3.  
No. value.
- No. 2 A trench, the south end of which bears N. 59° 40' E., 275.0 ft. dist. from cor. No. 3 of the D & W #3 lode, 12.0 ft. wide, 3.0 ft. deep, running N. 35° W., 62.0 ft.  
Value, \$240.
- No. 3 A shaft, the center of which bears N. 42° W., 180.0 ft. dist. from the center of line 2-3 of the D & W #3 lode, 4 x 6 ft., 3.0 ft. deep.  
Value, \$25.
- No. 4 A trench, the south end of which bears N. 6° W., 36.0 ft. dist. from cor. No. 3 of the D & W #3 lode, 7.0 ft. wide, 8.0 ft. deep, running N. 30° E., 20.0 ft.  
Value, \$120.
- No. 5 A trench, the north end of which bears N. 59° 40' E., 495.0 ft. dist. from cor. No. 4 of the D & W #3 lode, 8.0 ft. wide, 6.0 ft. deep, running south, 13.0 ft.  
Value, \$75.
- No. 6 A trench, the north end of which bears S. 31° W., 68.0 ft. dist. from cor. No. 1 of the D & W #3 lode, 8.0 ft. wide, 4.0 ft. deep, running south, 13.0 ft.  
Value, \$50.
- No. 7 A trench, the north end of which bears S. 4° W., 56.0 ft. dist. from cor. No. 1 of the D & W #3 lode, 6.0 ft. wide, 13.0 ft. deep, running S. 10° E., 18.0 ft.  
Value, \$150.
- No. 1 The discovery point of the D & W #4 lode is on the lode line, N. 59° 40' E., 185.0 ft. dist. from the center of line 2-3.  
No. value.
- No. 2 A trench, the south end of which bears N. 11° E., 300.0 ft. dist. from cor. No. 2 of the D & W #4 lode, 10.0 ft. wide, 2.0 ft. deep, running N. 35° W., 75.0 ft.  
Value, \$175.
- No. 3 A trench, the west end of which bears S. 74° E., 463.0 ft. dist. from cor. No. 3 of the D & W #4 lode, 4.0 ft. wide, 5.0 ft. deep, running S. 80° E., 16.0 ft.  
Value, \$50.
- No. 4 A trench, the north end of which bears S. 78° E., 270.0 ft. dist. from cor. No. 3 of the D & W #4 lode, 5.0 ft. wide, 4.0 ft. deep, running S. 40° W., 10.0 ft.  
Value, \$50.
- No. 5 A trench, the south end of which bears N. 70° 30' E., 396.0 ft. dist. from cor. No. 3 of the D & W #4 lode, 7.0 ft. wide, 6.0 ft. deep, running N. 20° E., 14.0 ft.  
Value, \$75.
- No. 6 A shaft, the center of which bears S. 43° W., 530.0 ft. dist. from cor. No. 4 of the D & W #4 lode, 3 x 4 ft., 6.0 ft. deep.  
Value, \$50.

Feet

- No. 7 A trench, the east end of which bears S. 30° W., 405.0 ft. dist. from cor. No. 4 of the D & W #4 lode, 8.0 ft. wide, 6.0 ft. deep, running west, 12.0 ft.  
Value, \$75.
- No. 8 A trench, the west end of which bears N. 47° 30' E., 608.0 ft. dist. from cor. No. 2 of the D & W #4 lode, 10.0 ft. wide, 6.0 ft. deep, running east, 12.0 ft.  
Value, \$75.

#### OTHER IMPROVEMENTS

None

#### OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Sur. No. 4352, Campbell and Denison Ext. No. 9 lode, cor. No. 4, identical with cor. No. 3, Campbell and Denison Ext. No. 8 lode is a sandstone firmly set and properly marked.

Sur. No. 4417 A, Hillcrest #26 lode, cor. No. 4, identical with cor. No. 2, D & W #2 lode is a sandstone firmly set and properly marked.

Sur. No. 4417 A, D & W #1 lode, cor. No. 1, identical with cor. No 4, D & W #6 lode is a sandstone firmly set and properly marked.

Sur. No. 4417 B, Hillcrest Millsite #1, cor. No. 1 is a sandstone firmly set and properly marked.

Sur. No. 4417 B, Hillcrest Millsite #1, cor. No. 2, identical with co. No. 1, The Boss #1 Millsite, has been covered by tailings from the mill.

The course and distance from the E½ cor. to the NE. cor. of sec. 14, T. 11 N., R. 14 E., was found to be N. 0° 01' 20" E., 2636.49 ft. instead of N. 0° 01' W., 2640.0 ft. as shown on the official plat.

The course and distance from the NE. cor. to the N½ cor. of sec. 14, T. 11 N., R. 14 E., was found to be S. 89° 50' 50" W., 2634.05 ft. instead of S. 89° 55' W., 2635.38 ft. as shown on the official plat.

#### FIELD ASSISTANTS

Name	Capacity
J. B. Sarvis	Chainman
Keith Bunn	Chainman

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

November 24, 1958

I, Richard L. Merritt

Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the Office of Cadastral Engineer, at Phoenix, Arizona

dated September 22, 1958, I have faithfully and correctly executed the survey of

the mining claim of Alvis F. Denison

known as the Miss Lottie #s 4, 5, & 6, D & W #s 3, 4, & 5  
(Lode, placer, or mill site)

situate in Section 14

T. 11 North, R. 14 East Gila and Salt River Meridian, Arizona, and  
(State)

designated as Survey No. 4462, which is represented in the foregoing field notes as having been executed by me and under my direction, and that said survey has been made in strict conformity with said order, the Manual of Instructions for the Survey of the Public Lands of the United States, and in the specific manner described in the foregoing field notes, and I do further certify that the labor expended and improvements made

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

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

Prescott, Arizona  
(Place)

Richard L. Merritt  
(Mineral Surveyor)

CERTIFICATE OF APPROVAL

Bureau of Land Management Cadastral Survey  
(Office) Office  
Phoenix, Arizona May 13, 1959  
(Place) (Date)

The foregoing field notes of mineral survey No. 4462, in Section 14

Arizona, T. 11 N., R. 14 E. Meridian,  
(State)

executed by Richard L. Merritt, Mineral Surveyor,

under order dated September 22, 1958, having been critically examined and the necessary corrections made prior to their certification by the surveyor, the field notes and the survey therein described are hereby approved.

Lester S. Mann  
Lester S. Mann

Office Cadastral Engineer  
(Title)

CERTIFICATE OF TRANSCRIPT

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

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

Recording No. 2679  
RECORDED AT REQUEST OF Alvis F. Denison  
November 25th A.D. 1950 At 9:00 o'clock P.M.  
In Book 22 Official Recs Pages 510  
Records of Coconino County, Ariz.  
Marie Holly County Recorder  
By: *Alvis F. Denison* Deputy

14

# Notice of Mining Location

## LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

4462

This Mining Claim, the name of which is the Miss Lottie # 4  
Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by Lottie May Denison and Alvis F. Denison, citizens of the United States.

(Locator must insert either "a citizen of the United States," or "who has declared his intention to become a citizen of the United States.")  
the undersigned, on the 18 day of November, 1950

The length of this claim is 1500 feet,  
and we claim 90 feet,  
in a southerly direction, and  
1410 feet in a northerly direction, from  
the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with  
500 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  
northeast to the southwest

The claim is situated and located in the Hogollon Rim Mining District, in  
Coconino County, in the State of Arizona, about 2 miles  
in a southwesterly direction from Ryan Sheep Ranch

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

at a point in a southerly direction 90 feet from  
the discovery shaft (at which this notice is posted), being in the center of the south  
end line of said claim; thence easterly 300 feet to a post and monument  
southeast corner of said claim; thence  
northerly 1500 post and monument  
northeast corner of said claim; thence westerly 300 feet  
to a post and monument at the center of the north end of said claim;  
thence westerly 300 feet to a post and monument being at the  
northeast corner of said claim; thence 1500 southerly feet  
to a post and monument at the southwest corner of said claim;  
thence easterly 300 feet to the place of beginning.

Dated and posted on the grounds this 18 day of November, 1950.

Lottie May Denison  
Alvis F. Denison  
By: *Alvis F. Denison*

In Book 22 Official Recs Pages 511

Records of Coconino County, Ariz.

Marie Holly

County Recorder

By *Edna Mae Stanton* Deputy

# Notice of Mining Location

LODE CLAIM

15

### TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Miss Lottie # 5 Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by Lottie May Denison and Alvis F. Denison citizens of the United States

(Locator must insert either "a citizen of the United States," or "who has declared his intention to become a citizen of the United States.")  
the undersigned, on the 18 day of November, 1950

The length of this claim is 1500 feet, and we claim 150 feet, in a southerly direction, and 1350 feet in a northerly direction, from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 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 northwest northeast to the southwest

The claim is situated and located in the Hogollon Rim Mining District, in Coconino County, in the State of Arizona, about 2 miles in a southwesterly direction from Ryan Sheep ranch the east side line is parallel to and identical with the west side line of Miss Lottie # 4 for 1100 feet, and extends to the north 400 ft additional.

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

at a point in a southerly direction 150 feet from the discovery shaft (at which this notice is posted), being in the center of the south end line of said claim; thence easterly 300 feet to a post and monument, being the southeast corner of said claim; thence northerly 1500 feet to a post and monument, being at the northeast corner of said claim; thence westerly 300 feet to a post and monument at the center of the north end of said claim; thence westerly 300 feet to a post and monument being at the northwest corner of said claim; thence southerly 1500 feet to a post and monument at the southwest corner of said claim; thence easterly 300 feet to the place of beginning.

Dated and posted on the grounds this 18 day of November, 1950  
Lottie May Denison  
Alvis F. Denison

By: *Alvis F. Denison* 511

# Notice of Mining Location

LODE CLAIM

16

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Miss Lottie #6 #6

Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by Lottie May Denison and Alvis F. Denison citizens of the United States.

(Locator must insert either "a citizen of the United States," or "who has declared his intention to become a citizen of the United States.")  
the undersigned, on the 18 day of November, 1950

The length of this claim is 1500 feet, and we claim ~~1500~~ 100 feet, in a southerly direction, and ~~1500~~ 1400 feet in a northerly direction, from

the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 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 (northeast) to the southwest

The claim is situated and located in the Mogollon rim Mining District, in Coconino County, in the State of Arizona, about 2 miles in a southwesterly direction from Ryan Sheep Ranch the east side line of this claim is identical to the west side line of Miss Lottie #6 and the corners at the north and south end of side line are identical

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

at a point in a southernly direction 100 feet from the discovery shaft (at which this notice is posted), being in the center of the south end line of said claim; thence easterly 300 feet to a post and monument, being the southeast corner of said claim; thence northerly 1500 feet to a post and monument, being at the northeast corner of said claim; thence westerly 300 feet to a post and monument at the center of the north end of said claim; thence westerly 300 feet to a post and monument being at the northwest corner of said claim; thence southernly 1500 feet to a post and monument at the southwest corner of said claim; thence easterly 300 feet to the place of beginning.

Dated and posted on the grounds this 18 day of November, 19 50

Lottie May Denison  
Alvis F. Denison

By: *Alvis F. Denison*



# Notice of Mining Location

## LODE CLAIM

17

### TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the D & W # 3

Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by Alvis F. Denison, citizen of the U.S.A

(Locator must insert either "a citizen of the United States," or "who has declared his intention to become a citizen of the United States.")  
the undersigned, on the 8 day of October, 19 52

The length of this claim is 1200 feet,  
and I claim 30 feet,  
in a southeasterly direction, and 1170  
feet in a northwesterly direction, from  
the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with  
300 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  
southeast to the northwest

The claim is situated and located in the Mogollon Rim Mining District, in  
Coconino County, in the State of Arizona, about 2000  
in a southwesterly direction from section corner  
common to sections 11, 12, 14, and 15 T.11.N.R.E

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

at a point in a southeasterly direction 30 feet from  
the discovery shaft (at which this notice is posted), being in the center of the south  
end line of said claim; thence 300 southwesterly feet to a monument  
being the southwest corner of said claim; thence  
northwesterly 1200 feet to a monument, being at the  
northwest corner of said claim; thence northeasterly 300 feet  
to a monument at the center of the north end of said claim;  
thence northeasterly 300 feet to a monument being at the  
northeast corner of said claim; thence southeasterly 1200 feet  
to a monument at the southeast corner of said claim;  
thence southwesterly 300 feet to the place of beginning.

Dated and posted on the grounds this 8 day of October, 19 52

Alvis F. Denison

check again

# Notice of Mining Location

LODE CLAIM

18

OK

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the D. & W. # 4

Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by Alvis F. Denison, citizen of the U.S.A

(Locator must insert either "a citizen of the United States," or "who has declared his intention to become a citizen of the United States.")  
the undersigned, on the 8 day of October, 1952

The length of this claim is 1200 feet,  
and I claim 185 feet,  
in a southwesterly direction, and 1015  
1015 feet in a northeasterly direction, from  
the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with  
300 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 southwest  
to the northeast

The claim is situated and located in the Mogollon Rim Mining District, in  
Coconino County, in the State of Arizona, about 1/2 mile southwest from  
in a southwest direction from section corner common  
to Sections 11, 12, 14, 15 T.11N.R.1E

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

at a point in a southwesterly direction 185 feet from  
the discovery shaft (at which this notice is posted), being in the center of the west  
end line of said claim; thence northwesterly 300 feet to a monument  
monument, being the northwest corner of said claim; thence  
northeasterly 1200 feet to a monument, being at the  
northeast corner of said claim; thence southeasterly 300 feet  
to a monument at the center of the east end of said claim;  
thence southeasterly 300 feet to a monument being at the  
southeast corner of said claim; thence southwesterly 1200 feet  
to a monument at the southwest corner of said claim;  
thence northwesterly 300 feet to the place of beginning.

Dated and posted on the grounds this 8 day of October, 1952

Alvis F. Denison

# Notice of Mining Location

LODE CLAIM

19

TO ALL WHOM IT MAY CONCERN:

D & W # 5

This Mining Claim, the name of which is the  
Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by  
Alvis F. Denison, citizen of the U.S.A

(Locator must insert either "a citizen of the United States," or "who has declared his intention to become a citizen of the United States.")  
the undersigned, on the 8 day of October, 19 52

The length of this claim is 1500 feet,  
and 85 feet,  
in a southeasterly direction, and 1415 feet in a northwesterly direction, from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 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

southeast to the northwest  
The claim is situated and located in the Mogollon Rim Mining District, in Coconino County, in the State of Arizona, about three-quarters mile in a westerly direction from section corner common to sections 11, 12, 14, and 15, T 11.N.R.14.E

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

at a point in a southeasterly direction 85 feet from the discovery shaft (at which this notice is posted), being in the center of the south end line of said claim; thence southwesterly 300 feet to a monument southwest, being the southwest corner of said claim; thence northwesterly 1500 feet to a monument, being at the northwest corner of said claim; thence northwesterly 300 feet to a monument at the center of the north end of said claim; thence northeasterly 300 feet to a monument being at the northeast corner of said claim; thence southeasterly 1500 feet to a monument at the southeast corner of said claim; thence southwesterly 300 feet to the place of beginning.

Dated and posted on the grounds this 8 day of October, 1952, 78252

*Alvis F. Denison*

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
ARIZONA STATE OFFICE

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NOTICE OF CANCELLATION OF MINERAL SURVEY

The D&W #3, D&W #4, D&W #5, MISS LOTTIE #4, MISS LOTTIE #5 and MISS LOTTIE #6 lodes, Mineral Survey No. 4462, located in section 24, Township 11 North, Range 14 East, Gila and Salt River Meridian, Arizona, are hereby cancelled.

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

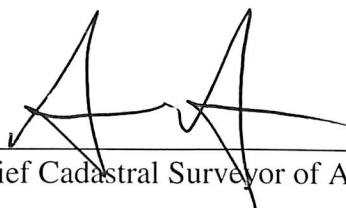
This cancellation was necessitated to clear the record.

The Mineral Survey Plat shall be noted as follows:

“The D&W #3, D&W #4, D&W #5, MISS LOTTIE #4, MISS LOTTIE #5 and MISS LOTTIE #6 lodes, Mineral Survey No. 4462, were cancelled April 4, 2019, by memo 9605 (921), which is now a part of the original field notes.”

\_\_\_\_\_  
April 4, 2019

Date

  
\_\_\_\_\_  
Chief Cadastral Surveyor of Arizona