

4-688

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4417 A and B.

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Alvis F. Denison

Known As The

The Boss' #1,#2,#3,#4,#5, Miss Lottie #1,#2,#3, Hillcrest #25,#26, D and W #1, D & W #2, and D & W #6 lode claims, Hill Crest Mill Site #1, and The Boss' #1 Mill Site

Mogollon Rim Mining District,

Cochise County, Arizona

Sections 11,12,13,14, Township 11 North, Range 14 East, G.&S.R.Mer.

Surveyed under order dated September 19th, 1956

by Richard L. Merritt  
Mineral Surveyor.

Claim located See reverse side, 19

Survey commenced September 20th, 1956

Survey completed November 1st, 1956

Address of claimant's Agent, Joseph H. Morgan, Attorney  
Luhrs Building, Phoenix, Arizona

DATES OF AMENDED LOCATIONS

Hillcrest #25 and #26, 7/14/1952

Name of Claim	Date of Location
The Boss' #1	Nov. 24, 1950
The Boss' #2	"
The Boss' #3	"
The Boss' #4	"
The Boss' #5	"
Miss Lottie #1	Nov. 18, 1950
Miss Lottie #2	"
Miss Lottie #3	"
D and W #1	Oct. 7, 1952
D & W #2	"
D & W #6	Oct. 10, 1952
Hill Crest Mill Site #1	Sept. 13, 1956
The Boss' #1 Mill Site	Sept. 13, 1956

## Survey No. 4417 A and B

This survey was made with a Gurley transit No. 50962, with a 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:

September 22, 1956, at corner No. 1, The Boss' #3 lode, in latitude  $34^{\circ}20'30''$  N., and longitude  $110^{\circ}48'30''$  W., I made a series of six altitude observations upon the sun for azimuth at approximately equal time intervals, three each with the telescope in direct and reversed positions, observing opposite limbs of the sun, and reading the horizontal angle from line 4-1 The Boss' #3 lode to the right to the sun.

Mean time of observation, 105th meridian time =  $3^{\text{h}}15^{\text{m}}35^{\text{s}}$  p.m.

Declination of sun at mean time of observation =  $0^{\circ}03'20''$  N.

Mean observed vertical angle to sun's center =  $35^{\circ}35'50''$

Mean horizontal angle from line 4-1 The Boss' #3 lode to sun's center =  $1^{\circ}10'10''$

True bearing line 4-1 The Boss' #3 lode =  $N.59^{\circ}40' E.$

The lines were measured with a Lufkin-steel tape 500 feet in length, graduated every foot, the first and last foot 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. 4417 A

Feet

## THE BOSS' #3 LODE.

At Cor. No. 1 of The Boss' #3 lode.

Set a sandstone  $2\frac{1}{2} \times 1\frac{1}{2} \times 8$  ins., 16 ins. in the ground, mkd. X-1-B3-4417 A; from which

The quarter sec. cor. of secs. 12 and 13, T. 11 N., R. 14 E., G. & S.R. Mer., bears  $N. 70^{\circ} 44'' E.$ , 76.15 ft. dist., an iron post, 1 in. diam., 8 ins. above the ground, firmly set, marked and witnessed as described in the official record.

Cor. No. 1 of The Boss' #5 lode, of this survey, bears  $S. 29^{\circ} 55' W.$ , 345.54 ft. dist.

A pine, 16 ins. diam., bears  $S. 39^{\circ} 40' E.$ , 15.28 ft. dist., mkd. X-BT 1-B3-4417 A.

Elevations Feet	
1500.	<p>Thence S. 30°20' E. . . . .</p> <p>Cor. No. 2, identical with Cor. Nos. 3 and 4, Sur. No. 4352, Campbell and Denison Nos. 1 and 2 lodes respectively.</p> <p>A sandstone 8 x 18 ins., 9 ins. above ground, mkd. X-3-CD1-4-CD2-4352. I mkd. stone 2-B3-4417 A; from which</p> <p>A pine, 14 ins. diam., bears S. 53°39' W., 37.81 ft. dist., mkd. X-BT 3-CD1-4-CD2-4352; I mkd. tree 2-B3-4417 A.</p>
300.	<p>Thence S. 59°40' W. . . . .</p> <p>Lode line; identical with lode line of Sur. 4352, Campbell and Denison No. 2 lode, discovery point bears N. 30°20' W., 100.0 ft. dist.</p>
600.0	<p>Cor. No. 3, identical with Cor. No. 3 Sur. 4352 Campbell and Denison No. 2 lode, on line 1-2 The Boss' #2 lode of this survey.</p> <p>A sandstone 10x12 ins., 9 ins. above ground, mkd. X-3-CD2-4352. I mkd. stone 3-B3-4417 A; from which</p> <p>A pine, 14 ins. diam., bears N. 51°50' W., 8.67 ft. dist., mkd. X-BT-3-CD2-4352. I mkd. tree 3-B3-4417 A.</p>
1328.55	<p>Thence N. 30°20' W. . . . .</p> <p>Intersect line 1-2 The Boss' #5 lode, at Cor. No. 1 of The Boss' #2 lode, both of this survey.</p>
1500.	<p>Cor. No. 4</p> <p>Set a sandstone 26x12x6 ins., 16 ins. in the ground, mkd. X-4-B3-4417 A; from which</p> <p>A pine, 18 ins. diam., bears S. 55°39' E., 6.65 ft. dist., mkd. X-BT-4-B3-4417 A.</p>
300.	<p>Thence N. 59°40' E. . . . .</p> <p>Lode line; discovery point bears S. 30°20' E., 1400.0 ft. dist., and intersect line 4-1 The Boss' #5 lode of this survey, at a point from which Cor. No. 1 bears S. 30°20' E., 171.45 ft. dist.</p>
600.	<p>Cor. No. 1 and place of beginning.</p>
	<p><b>THE BOSS' #2 LODE</b></p> <p>At Cor. No. 1 of The Boss' #2 lode, on line 1-2 The Boss' #5, and on line 3-4 The Boss' #3 lodes of this survey.</p> <p>Set a sandstone 10x10x32 ins., 16 ins. in the ground, mkd. X-1-B2-4417 A; from which</p> <p>The quarter sec. cor. of secs. 12 and 13, bears N. 46°34'50" E., 692.73 ft. dist., previously described.</p> <p>A pine, 34 ins. diam., bears S. 72°50' E., 18.81 ft. dist., mkd. X-BT-1-B2-4417 A.</p> <p>Thence S. 30°20' E.</p>

Chains Feet	
1328.55	Cor. No. 3, Sur. No. 4352 Campbell and Denison No. 2 lode, identical with Cor. No. 3 The Boss' #3 lode of this survey.
1500.0	<p>Cor. No. 2, identical with Cor. No. 4 Sur. No. 4352 Campbell and Denison No. 3 lode, and on line 2-3 Sur. No. 4352 Campbell and Denison No. 2 lode; a sandstone 8x10 ins., 9 ins. above the ground, mkd. X-4-CD3-4352; I mkd. stone 2-B2-4417 A; from which</p> <p>A pine, 20 ins. diam., bears S.48°05'E., 29.95 ft. dist., mkd. X-BT-4-CD3-4352; I mkd. tree 2-B2-4417 A.</p> <p>Thence S.59°40'W.</p>
300.	Lode line, identical with lode line Sur. No. 4352 Campbell and Denison No. 3 lode; discovery point bears N.30°20'W., 1375 ft. dist.
600.	<p>Cor. No. 3, identical with Cor. No. 3 Sur. No. 4352 Campbell and Denison No. 3 lode, Cor. No. 3 Sur. No. 4352 Campbell and Denison No. 4 lode, and Cor. No. 2 The Boss' #1 lode of this survey; a sandstone 12x5 ins., 15 ins. above ground, mkd. X-3-CD3-3-CD4-4352; I mkd. stone 3-B2-2-B1-4417 A; from which</p> <p>A pine, 36 ins. diam., bears N.21°43'E., 27.73 ft. dist., mkd. X-BT-3-CD3-3-CD4-4352; I mkd. tree 2-B1-3-B2-4417 A.</p> <p>Thence N.30°20'W.</p>
1500.0	<p>Cor. No. 4, identical with Cor. No. 1 The Boss' #1; and on line 3-4, The Boss' #4 lodes of this survey.</p> <p>Set a sandstone 32x14x10 ins., 16 ins. in the ground, mkd. X-4-B2-1-B1-4417 A; from which</p> <p>A pine, 16 ins. diam., bears S.41°06'E., 42.66 ft. dist., mkd. X-BT-4-B2-1-4417 A.</p> <p>Thence N.59°40'E.</p>
300.0	Lode line; at Cor. No. 3 The Boss' #4 and Cor. No. 2 The Boss' #5 lodes of this survey; discovery point bears S.30°20'E., 125.0 ft. dist.
600.0	Cor. No. 1, the place of beginning.
THE BOSS #1 LODE	
Beginning at Cor. No. 1 of The Boss' #1 lode, identical with Cor. No. 4 of The Boss' #2 lode, and on line 3-4 The Boss' #4 lode of this survey; from which	
The quarter sec. cor. of Secs. 12 and 13, bears N.52°39'10"E., 1284.34 ft. dist., previously described.	
Thence S.30°20'E.	
1500.0	<p>Cor. No. 2, identical with Cors. Nos. 3, Sur. No. 4352 Campbell and Denison Nos. 3 and 4 lodes, and Cor. No. 3 of The Boss' #2 lode of this survey.</p> <p>Thence S.59°40'W.</p>
300.0	Lode line, identical with lode line of Sur. No. 4352 Campbell and Denison No. 4 lode; discovery point bears N.30°20'W., 1305.0 ft. dist.

Chains Feet	
600.0	Cor. No. 3, identical with Cors. Nos. 2, 2, and 4 respectively of Sur. No. 4352 Campbell and Denison No. 4, Campbell and Denison No. 5 and Campbell and Denison Ext. No. 5 lodes, a sandstone 14x5 ins., 8 ins. above ground, mkd. X-2-CD4-2CD5-4-CDE5-4352; I mkd. stone 3-B1-4417 A. Thence N.30°20'W.
1500.0	Cor. No. 4, identical with Cor. No. 3, Sur. No. 4352 Campbell and Denison Ext. No. 5 lode, on line 3-4 Sur. No. 4352 Campbell and Denison No. 15 lode; a sandstone 13x5 ins., 9 ins. above ground mkd. X-3-CDE5-4352; I mkd. stone 4-B1-4417 A. Thence N.59°40'E.
300.0	Lode line; at Cor. No. 3, Sur. No. 4352 Campbell and Denison No. 15 lode, and Cor. No. 4 The Boss' #4 lode of this survey; discovery point bears S.30°20'E., 195.0 ft. dist.
555.0	Center of road bears N.4°30'E., and S.4°30'W.
600.0	Cor. No. 1, and place of beginning.
	<b>THE BOSS' #5 LODE</b>
	At Cor. No. 1, The Boss' #5 lode. Set a sandstone 26x10x4 ins., 16 ins. in the ground, mkd. X-1-B5-4417 A; from which The quarter sec. cor. of secs. 12 and 13, bears N.36°57'E., 406.23 ft. dist., previously described. Cor. No. 4 The Boss' #3 lode of this survey, bears S.89°25'W., 345.54 ft. dist. A pine, 18 ins. diam., bears S.54°00'W., 16.33 ft. dist., mkd. X-BT-1-B5-4417 A. Thence S.59°40'W.
300.0	Lode line; at Cor. No. 1 The Boss' #2 lode of this survey, discovery point bears N.30°20'W., 275 ft. dist.; intersect line 3-4 The Boss' #3 lode of this survey.
600.0	Cor. No. 2, identical with Cor. No. 3 The Boss' #4 lode, on lode line of The Boss' #2. lode of this survey. Set a sandstone 32x12x6 ins., 16 ins. in the ground, mkd. X-2-B5-3-B4-4417 A; from which A pine, 20 ins. diam., bears N.52°22'E., 21.38 ft. dist., mkd. X-BT-2-B5-3-B4-4417 A. Thence N.30°20'W.
1500.0	Cor. No. 3, identical with Cor. No. 2 The Boss' #4 lode of this survey.

Chains Feet	Set a sandstone 26x10x10 ins., 16 ins. in the ground, mkd. X-3-B5-2-B4-4417 A; from which
	A pine, 16 ins. diam., bears S.33°09'E., 29.51 ft. dist., mkd. X-BT-3-B5-2-B4-4417 A.
	Thence N.59°40'E.
258.	Center of road, bears north and south.
300.	Lode Line; discovery point bears S.30°20'E., 1225 ft. dist.
560.	Center of road bears N.79°W. and S.79°E.
600.	Cor. No. 4.
	Set a sandstone 26x9x6 ins., 16 ins. in the ground, mkd. X-4-B5-4417 A; from which
	A pine, 36 ins. diam., bears S.7°04'W., 19.21 ft. dist., mkd. X-BT-4-B5-4417 A.
	Thence S.30°20'E.
22.	Center of road, bears N.68°E. and S.68°W.
1328.55	Intersect line 4-1 The Boss' #3 lode of this survey.
1500.0	To Cor. No. 1, and place of beginning.
	<b>THE BOSS' #4 LODE</b>
	Beginning at Cor. No. 1 The Boss' #4 lode, identical with Cor. No. 2 Sur. No. 4352 Campbell and Denison No. 15 lode, and Cor. No. 4 Miss Lottie #2 lode of this survey.
	A sandstone 18x10 ins., 8 ins. above ground, mkd. X-2-CD15-4352; I mkd. stone 1-B4-4-ML2-4417 A; from which
	The cor. of secs. 11, 12, 13 and 14, T. 11 N., R. 14 E., G. & S.R.Mer., bears S.59°06'30"W., 705.97 ft. dist.; an iron post, 2 ins. diam., 24 ins. above ground, firmly set, marked and witnessed as described in the official record.
	A pine, 18 ins. diam., bears N.83°39'W., 10.28 ft. dist., mkd. X-BT-2-CD15-4352; I mkd. tree 1-B4-4-ML2-4417 A.
	Thence N.59°40'E.
300.0	Lode line; discovery point bears S.30°20'E., 1275 ft. dist.
600.0	Cor. No. 2, identical with Cor. No. 3 The Boss' #5 lode of this survey.
	Thence S.30°20'E.
1500.0	Cor. No. 3, identical with Cor. No. 2 The Boss' #5 lode of this survey.
	Thence S.59°40'W.
300.0	Lode line, at Cor. No. 4 The Boss' #2, and Cor. No. 1 The Boss' #1 lodes of this survey; discovery point bears N.30°20'W., 225 ft. dist.

Survey No. 4417 A

Chains Feet	Feet
345.	Center of road bears N.4°30'E. and S.4°30'W.
600.0	Cor. No. 4, identical with Cor.-No. 3 Sur. No. 4352 Campbell and Denison No. 15 lode. A sandstone 12x5 ins., 8 ins. above the ground, mkd. X-3-CD5-4352; I mkd. stone 4-B4-4417 A; from which A pine, .16 ins. diam., bears N.16°26'E., 16.7 ft. dist., mkd. X-BT-3-CD15-4352; I mkd. tree 4-B4-4417 A. Thence N.30°20'W.
1500.0-	Cor. No. 1, and place of beginning.
MISS LOTTIE #2 LODE	
	Beginning at Cor. No. 1 Miss Lottie #2 lode, identical with Cor. No. 1 Sur. No. 4352 Campbell and Denison No. 15 lode, on line 1-2 Sur. No. 4352 Campbell and Denison No. 14 lode. A sandstone 16x8 ins., 9 ins. above the ground, mkd. X-1-CD15-4352; I mkd. stone 1-ML2-4417 A; from which The cor. of secs. 11, 12, 13 and 14, bears S.55°57'W., 106.16 ft. dist., previously described. A pine, 16 ins. diam., bears S.75°46'W., 37.95 ft. dist., mkd. X-BT-1-CD15-4352; I mkd. tree 1-ML2-4417 A. Thence N.30°20'W.
600.0	Cor. No. 1, Sur. No. 4352 Campbell and Denison No. 14 lode, identical with Cor. No. 1 Miss Lottie #1 lode of this survey.
763.	Center of road bears N.60°30'E., and S.60°30'W.
1500.0	Cor. No. 2, identical with Cor. No. 3 Miss Lottie #3, and on line 4-1 Miss Lottie #1 lodes of this survey. Set a sandstone 32x14x6 ins., 16 ins. in the ground, mkd. X-2-ML2-3-ML3-4417 A; from which A pine, 24 ins. diam., bears S.24°41'W., 11.22 ft. dist., mkd. X-BT-2-ML2-3-ML3-4417 A. Thence N.59°40'E.
10.	Center of road, bears N.32°30'W., and S.32°30'E.
300.0	Lode line; discovery point bears S.30°20'E., 100.0 ft. dist.
405.0	Center of road, bears N.40°W. and S.40°E.
480.	Center of road bears N.17°E. and S.17°W.
600.0	Cor. No. 3, identical with Cor. No. 2 Miss Lottie #3 lode of this survey.



Chains Feet	
	<p>Set a sandstone 32x14x6 ins., 16 ins. in the ground, mkd. X-3-ML2-2-ML3-4417 A; from which</p> <p>A pine, 30 ins. diam., bears S.42°10'E., 84.11 ft. dist., mkd. X-BT-3-ML2-2-ML3-4417 A.</p> <p>Thence S.30°20'E.</p>
1500.0	<p>Cor. No. 4, identical with Cor. No. 2, Sur. No. 4352 Campbell and Denison No. 15 lode, and Cor. No. 1 The Boss' #4 lode of this survey.</p> <p>Thence S.59°40'W.</p>
300.0	Lode line; discovery point bears N.30°20'W., 1400.0 ft. dist.
600.0	Cor. No. 1, and place of beginning.
MISS LOTTIE #3 LODE	
	<p>At Cor. No. 1 of the Miss Lottie #3 lode</p> <p>Set a sandstone, 24x8x6 ins., 16 ins. in the ground, mkd. X-1-ML3-4417 A; from which</p> <p>The quarter sec. cor. of secs. 11 and 12, T. 11 N., R. 14 E., bears S.70°54'10" E., 958.78 ft. dist., an iron post, 1 in. diam., 4 ins. above ground, firmly set, marked and witnessed as described in the official record.</p> <p>A pine, 27 ins. diam., bears S.69°46'W., 4.11 ft. dist., mkd. X-BT-1-ML3-4417 A.</p> <p>Thence S.30°20'E.</p>
1400.	Center of road bears N.17°E. and S. 17° W.
1500.0	<p>Cor. No. 2, identical with Cor. No. 3 of the Miss Lottie #2 lode of this survey.</p> <p>Thence S.59°40'W.</p>
120.	Center of road bears N.17°E. and S.17°W.
195.	Center of road bears N.40°W. and S.40°E.
300.0	Lode line; discovery point bears N.30°20'W., 175.0 ft. dist.
590.	Center of road bears N.32°30'W. and S.32°30'E.
600.0	<p>Cor. No. 3, identical with Cor. No. 2 of the Miss Lottie #2 lode of this survey.</p> <p>Thence N.30°20'W.</p>
600.0	Cor. No. 4 of the Miss Lottie #1 lode of this survey.
1500.0	<p>Cor. No. 4</p> <p>Set a sandstone 28x14x5 ins., 16 ins. in the ground, mkd. X-4-ML3-4417 A; from which</p> <p>A pine, 16 ins. diam., bears N.71°28'W., 38.90 ft. dist., mkd. X-BT-4-ML3-4417 A.</p>

Chains Feet	
	Thence N.59°40'E.
300.0	Lode line; discovery point bears S.30°20'E., 1325.0 ft. dist.
600.0	Cor. No. 1, and place of beginning.
MISS LOTTIE #1 LODE	
Beginning at Cor. No. 1 of the Miss Lottie #1 lode, identical with Cor. No. 1, Sur. No. 4352 Campbell and Denison No. 14 lode, on line 1-2 Miss Lottie #2 lode of this survey.	
A sandstone 14x8 ins., 10 ins. above the ground, mkd. X-1-CD14-4352; I mkd. stone 1-ML1-4417 A; from which	
The cor. of secs. 11, 12, 13, and 14, bears S.20°25'55" E., 616.06 ft. dist., heretofore described.	
A pine, 16 ins. diam., bears S.47°52'W., 55.75 ft. dist., mkd. X-BT-1-CD14-4352; I mkd. tree 1-ML1-4417 A.	
Thence S.59°40'W.	
300.0	Lode line; discovery point bears N.30°20'W., 1100.0 ft. dist.
600.0	Cor. No. 2, identical with Cor. No. 4 Sur. No. 4352 Campbell and Denison No. 14 lode, on line 4-1 Sur. No. 4352 Campbell and Denison No. 13 lode.
A sandstone 13x6 ins., 14 ins. above the ground, mkd. X-4-CD14-4352; I mkd. stone 2-ML 1-4417 A; from which	
A pine, 14 ins. diam., bears S.67°10'W., 42.02 ft. dist., mkd. X-BT-4-CD 14-4352; I mkd. tree 2 ML1-4417 A.	
Thence N.30°20'W.	
134.	Center of road bears N.12°40'E., and S.12°40'W.
1200.	Cor. No. 4 Sur. No. 4352 Campbell and Denison No. 13 lode.
1500.0	Cor. No. 3.
Set a sandstone 28x9x6 ins.; 16 ins. in the ground, mkd. X-3-ML1-4417 A; from which	
A pine, 18 ins. diam., bears S.0°57'W., 3.92 ft. dist., mkd. X-BT-3-ML1-4417 A.	
Thence N.59°40'E.	
300.0	Lode line; discovery point bears S.30°20'E., 400.0 ft. dist.
600.0	Cor. No. 4, on line 3-4 Miss Lottie #3 lode of this survey.
Set a sandstone 30x12x6 ins., 16 ins. in the ground, mkd. X-4-ML1-4417 A; from which	
A pine, 20 ins. diam., bears S.80°35'W., 30.26 ft. dist.; mkd. A-BT-4-ML1-4417 A.	
Thence S.30°20'E.	

Chains Feet	
600.0	Cor. No. 3 Miss Lottie #3 lode, identical with Cor. No. 2 of the Miss Lottie #2 lode of this survey.
1337.	Center of road bears N.60°30'E. and S.60°30'W.
1500.0	Cor. No. 1, and place of beginning.
HILLCREST #25 LODE	
	Beginning at Cor. No. 1 of the Hillcrest #25 lode, identical with Cor. Nos. 2 and 4, Sur. No. 4352, Campbell and Denison Ext. Nos. 7 and 8 respectively, a sandstone 12x8 ins., 15 ins. above the ground, mkd. X-2-CDE7-4-CDE8-4352; I mkd. stone 1-H25-4417 A; from which
	The quarter section cor. of secs. 13 and 14, T. 11 N., R. 14 E., bears S.34°50'30"E., 784.37 ft. dist.; an iron post, 1 in. diam., 12 ins. above ground, firmly set, marked and witnessed as described in the official record.
	A pine, 14 ins. diam., bears S.82°08'W., 19.74 ft. dist., mkd. X-BT-2-CDE7-4-CDE8-4352; I mkd. tree 1-H25-4417 A.
	Thence N.30°20'W.
300.0	Lode line; discovery point bears N.59°40'E., 290.0 ft. dist.
600.0	Cor. No. 2, on line 2-3 Hillcrest #26 lode of this survey.
	Set a sandstone 32x12x6 ins., 16 ins. in the ground, mkd. X-2-H25-4417 A; from which
	A pine, 26 ins. diam., bears S.80°06'W., 20.58 ft. dist., mkd. X-BT-2-H25-4417 A.
	Thence N.59°40'E.
430.	Center of road bears N.40°W. and S.40°E.
900.0	Cor. No. 3 Sur. No. 4352 Campbell and Denison No. 14 lode, and Cor. No. 2 of the Hillcrest #26 lode of this survey.
1200.0	Lode line Sur. No. 4352 Campbell and Denison No. 14 lode.
1500.0	Cor. No. 3, identical with Cor. No. 2 Sur. No. 4352 Campbell and Denison No. 14 lode, on line 4-1 Sur. No. 4352 Campbell and Denison No. 15 lode.
	Thence S.30°20'E.
300.0	Lode line; discovery point bears S.59°40'W., 1210.0 ft. dist.
600.0	Cor. No. 4, identical with Cor. No. 4, Sur. No. 4352 Campbell and Denison No. 15 lode, on line 2-3 Sur. No. 4352 Campbell and Denison Ext. No. 5 lode.
	A sandstone 16x8 ins., 8 ins. above the ground, mkd. X-4-CD15-4352; I mkd. stone 4-H25-4417 A; from which
	A pine, 18 ins. diam., bears N.86°20'W., 28.5 ft. dist., mkd. X-BT-4-CD15-4352; I mkd. tree 4-H25-4417 A.
	Thence S.59°40'W.

Chains Feet	
300.0	Cor. Nos. 2 and 3, Sur. No. 4352 Campbell and Denison Ext. Nos. 5 and 6 lodes, respectively.
600.0	Lode line, Sur. No. 4352 Campbell and Denison Ext. No. 6 lode.
900.0	Cor. Nos. 2 and 3, Sur. No. 4352 Campbell and Denison Ext. Nos. 6 and 7 lodes, respectively.
965.	Center of road, bears N.30°W. and S.30°E.
1200.0	Lode line, Sur. No. 4352 Campbell and Denison Ext. No. 7 lode.
1500.0	Cor. No. 1, and place of beginning.
	HILLCREST #26 LODGE
	At Cor. No. 1 Hillcrest #26 lode, identical with Cor. No. 1, D & W #2 lode of this survey.
	On line 3-4 Sur. No. 4352 Campbell and Denison No. 14 lode.
	Set a sandstone 26x12x10 ins., 16 ins. in the ground, mkd. X-1-H26-1-DW2-4417 A; from which
	The cor. of secs. 11, 12, 13, and 14, bears N.28°59'20"E., 574.46 ft. dist., heretofore described.
	A pine, 24 ins. diam., bears N.15°15'E., 14.48 ft. dist., mkd. X-BT-1-H26-1 DW2-4417 A.
	Thence S.30°20'E.
300.0	Lode line; discovery point bears S.59°40'W., 650 ft. dist.
600.0	Cor. No. 2, identical with Cor. No. 3 Sur. No. 4352 Campbell and Denison No. 14 lode, and on line 2-3 Hillcrest #25 lode of this survey.
	A sandstone, 18x6 ins., 14 ins. above ground, mkd. X-3-CD14-4352; I mkd. stone 2-H26-4417 A; from which
	A pine, 30 ins. diam., bears S.51°00'W., 9.58 ft. dist., mkd. X-BT-3-CD14-4352; I mkd. tree 2-H26-4417 A.
	Thence S.59°40'W.
470.	Center of road, bears N.40°W. and S.40°E.
900.0	Cor. No. 2 Hillcrest #25 lode of this survey.
1500.0	Cor. No. 3.
	Set a sandstone 32x14x6 ins., 16 ins. in the ground, mkd. X-3-H26-4417 A; from which
	A pine, 30 ins. diam., bears S.79°10'E., 21.04 ft. dist., mkd. X-BT-3-H26-4417 A.
	Thence N.30°20'W.

Chains Feet	
300.0	Lode line; discovery point bears N.59°40'E., 850.0 ft. dist.
600.0	Cor. No. 4, identical with Cor. No. 2 D & W #2 lode of this survey. Set a sandstone 30x10x4 ins., 16 ins. in the ground, mkd. X-4-H26-2-DW2-4417 A; from which  A pine, 16 ins. diam., bears S.30°13'W., 24.47 ft. dist., mkd. X-BT-4-H26-2-DW2-4417 A. Thence N.59°40'E.
1047.0	Center of road, bears N.22°30'W., and S.22°30'E.
1500.0	Cor. No. 1, and place of beginning.
	D & W #2 LODE
	Beginning at Cor. No. 1 of the D & W #2 lode, identical with Cor. No. 1 of the Hillcrest #26 lode of this survey. Thence S.59°40'W.
453.	Center of road, bears N.22°30'W., and S.22°30'E.
1500.0	Cor. No. 2, identical with Cor. No. 4 Hillcrest #26 lode of this survey. Thence N.30°20'W.
300.0	Lode line; discovery point bears N.59°40'E., 900.0 ft. dist.
372.	Center of road, bears S.87°E., and N.87°W.
600.0	Cor. No. 3, on line 3-4 of the D and W #1 lode of this survey. Set a sandstone 30x10x8 ins., 16 ins. in the ground, mkd. X-3-DW2-4417 A; from which A pine, 30 ins. diam., bears S.17°03'W., 61.25 ft. dist., mkd. X-BT-3-DW2-4417 A. Thence N.59°40'E.
731.	Center of road bears N.36°30'W., and S.36°30'E.
900.0	Cor. No. 3 of the D and W #1 lode of this survey, identical with Cor. No. 2 Sur. No. 4352 Campbell and Denison No. 13 lode.
1182.	Center of road, bears N.4°W., and S. 4° E.
1200.0	Lode line, Sur. No. 4352 Campbell and Denison No. 13 lode.
1500.0	Cor. No. 4, identical with Cor. No. 1 Sur. No. 4352 Campbell and Denison No. 13 lode, and on line 3-4 Sur. No. 4352 Campbell and Denison No. 14 lode.  A sandstone, 10x8 ins., 14 ins. above ground, mkd. X-1-CD13-4352; I mkd. stone 4-DW2-4417 A; from which A pine, 30 ins. diam., bears S.17°03'W., 61.30 ft. dist., mkd. X-BT-1-CD13-4352; I mkd. tree 4-DW2-4417 A.

Chains Feet	
300.0	<p>Thence S. 30°20'E.</p> <p>Lode line; discovery point bears S.59°40'W., 600.0 ft. dist.</p>
600.0	<p>Cor. No. 1, and place of beginning.</p>
<p>D AND W #1 LODE</p>	
	<p>Beginning at Cor. No. 1 of the D and W #1 lode, identical with Cor. No. 4 of the D &amp; W #6 lode of this survey.</p>
	<p>Set a sandstone, 32x12x10' ins., 16' ins. in the ground, mkd. X-1-DWL-4-DW6-4417 A; from which</p>
	<p>The quarter-section cor. of secs. 11 and 14, T. 11 N., R. 14 E., bears N.6°53'45"E., 524.07 ft. dist., an iron post, 1 in. diam., 11 ins. above ground, firmly set, marked and witnessed as described in the official record.</p>
	<p>A pine, 18 ins. diam., bears S.5°47'E., 22.89 ft. dist., mkd. X-BT-1-DWL-4-DW6-4417 A.</p>
	<p>Thence N.59°40'E.</p>
1125.	<p>Center of road, bears N.64°30'W., and S.64°30'E.</p>
1500.0	<p>Cor. No. 2, identical with Cor. No. 3 of the D &amp; W #6 lode of this survey, and on line 2-3 Sur. No. 4352 Campbell and Denison No. 13 lode.</p>
	<p>Set a sandstone, 29x12x6 ins., 16 ins. in the ground, mkd. X-2-DWL-3-DW6-4417 A; from which</p>
	<p>A pine, 14 ins. diam., bears N.26°05'W., 23.13 ft. dist.; mkd. X-BT-2-DWL-3-DW6-4417 A.</p>
	<p>Thence S.30°20'E.</p>
300.0	<p>Lode line; discovery point bears S.59°40'W., 300.0 ft. dist.</p>
600.0	<p>Cor. No. 3, identical with Cor. No. 2 Sur. No. 4352 Campbell and Denison No. 13 lode, and on line 3-4 D &amp; W #2 lode of this survey.</p>
	<p>A sandstone, 10x6 ins., 16 ins. above ground, mkd. X-2-CD13-4352; I mkd. stone 3-DWL-4417 A; from which</p>
	<p>A pine, 30 ins. diam., bears N.84°39'W., 49.25 ft. dist., mkd. X-BT-2-CD13-4352; I mkd. tree 3-DWL-4417 A.</p>
	<p>Thence S.59°40'W.</p>
169.	<p>Center of road bears N.36°30'W., and S.36°30'E.</p>
900.0	<p>Cor. No. 3 of the D &amp; W #2 lode of this survey.</p>
1233.	<p>Center of road bears N.81°E., and S.81°W.</p>
1500.0	<p>Cor. No. 4</p> <p>Set a sandstone, 32x9x8 ins., 16 ins. in the ground, mkd. X-4-DWL-4417 A; from which</p>

Survey No. 4417 A

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Chains Feet	A pine, 24 ins. diam., bears S.14°38'E., 13.29 ft. dist., mkd. X-BT-4-DW1-4417 A.
	Thence N.30°20'W.
51.	Center of road, bears N.71°E. and S.71°W.
300.0	Lode line; discovery point bears N.59°40'E., 1200.0 ft. dist.
600.0	Cor. No. 1, and place of beginning.
D & W #6 LODE	
	At Cor. No. 1 of the D & W #6 lode.
	Set a sandstone. 25x12x6 ins., 16 ins. in the ground, mkd. X-1-DW6-4417 A; from which
	The quarter-section cor. of secs. 11 and 14, bears N.89°37'16"E., 365.95 ft. dist., heretofore described.
	Cor. No. 1, Sur. No. 4417 B Hill Crest Mill Site #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-BT-1-DW6-4417 A.
	Thence N.59°40'E.
467.	Center of road, bears N.53°W., and S. 53° E.
1500.0	Cor. No. 2, on line 2-3, Sur. No. 4352 Campbell and Denison No. 13 lode.
	Set a sandstone, 34x12x8 ins., 18 ins. in the ground, mkd. X-2-DW6-4417 A; from which
	A pine, 20 ins. diam., bears S.19°55'E., 24.12 ft. dist., mkd. X-BT-2-DW6-4417 A.
	Thence S.30°20'E.
300.0	Lode line; discovery point bears S.59°40'W., 180.0 ft. dist.
600.0	Cor. No. 3, identical with Cor. No. 2 of the D & W #1 lode of this survey, and on line 2-3 Sur. No. 4352 Campbell and Denison No. 13 lode.
	Thence S.59°40'W.
375.	Center of road, bears N.64°30'W. and S.64°30'E.
1500.0	Cor. No. 4, identical with Cor. No. 1 of the D & W #1 lode of this survey.
	Thence N.30°20'W.
300.0	Lode line; discovery point bears N.59°40'E., 1320.0 ft. dist.
600.0	Cor. No. 1, and place of beginning.

Chains Feet	Hill Crest Mill Site #1	Feet
	<p>At Cor. No. 1 of the Hill Crest Mill Site #1</p> <p>Set a sandstone, 30x10x6 ins., 16 ins. in the ground, mkd. X-1-HCMS1-4417 B; from which</p> <p>The quarter-section cor. of secs. 11 and 14, bears N.89°53'30"E., 366.95 ft. dist., heretofore described.</p> <p>Cor. No. 1 Sur. No. 4417 A, D &amp; W #6 lode, bears S.30°20'E., 2.0 ft. dist.</p> <p>A pine, 24 ins. diam., bears N.7°40'E., 19.13 ft. dist., mkd. X-BT-1-HCMS 1-4417 B.</p> <p>Thence S.59°40'W.</p>	
355.	Center of road, bears S.17°30'E., and N.17°30'W.	
600.	Cor. No. 2, identical with Cor. No. 1 of The Boss' #1 Mill Site of this survey.	
	<p>Set a sandstone 30x12x10 ins., 16 ins. in the ground, mkd. X-2-HCMS1-1-1-BMS1-4417 B.</p> <p>Thence N.30°20'W.</p>	
151.34	Top of a dam, 14 ft. high, bears ENE for 220 ft. and WSW for 331 ft.	
363.0	Cor. No. 3, identical with Cor. No. 4 of The Boss' #1 Mill Site of this survey.	
	<p>Set a sandstone 26x11x6 ins., 16 ins. in the ground, mkd. X-3-HCMS1-4-BMS1-4417 B; from which</p> <p>A pine, 30 ins. diam., bears S.88°37'W., 64.6 ft. dist., mkd. X-BT-3-HCMS 1-4-BMS 1-4417 B.</p> <p>Thence N.59°40'E.</p>	
600.0	Cor. No. 4	
	<p>Set a sandstone 30x11x5 ins., 16 ins. in the ground, mkd. X-4-HCMS1-4417 B; from which</p> <p>A pine, 18 ins. diam., bears S.68°15'W., 36.64 ft. dist., mkd. X-BT-4-HCMS1-4417 B.</p> <p>Thence S.30°20'E.</p>	
10.	Center of road, bears N.45°E. and S.45°W.	
363.0	Cor. No. 1, and place of beginning.	
	The Hill Crest Mill Site #1 contains 5.00 acres.	
	<p>THE BOSS' #1 MILL SITE</p> <p>Beginning at Cor. No. 1 of The Boss' #1 Mill Site, identical with Cor. No. 2 of the Hill Crest Mill Site #1 of this survey; from which</p>	



Chains Feet	Description
	The quarter-section cor. of secs. 11 and 14, bears N.71°03'20"E., 935.49 ft. dist., heretofore described.
	Cor. No. 1 Sur. No. 4417 A, D & W #6 lode, bears N.59°51'30"E., 600.0 ft. dist. Thence S.59°40'W.
600.0	Cor. No. 2 Set a sandstone, 32x14x5 ins., 16 ins. in the ground, mkd. X-2-BMS1-4417 B; from which A pine, 16 ins. diam., bears S.64°52'W., 26.40 ft. dist., mkd. X-BT-2-BMS1-4417 B. Thence N.30°20'W.
363.0	Cor. No. 3. Set a sandstone, 30x8x6 ins., 16 ins. in the ground, mkd. X-3-BMS1-4417 B; from which A pine, 30 ins. diam., bears S.4°19'W., 41.41 ft. dist., mkd. X-BT-3-BMS1-4417 B. Thence N.59°40'E.
600.0	Cor. No. 4, identical with Cor. No. 3 of the Hill Crest Mill Site #1, of this survey. Thence S.30°20'E.
211.66	Top of dam, 14 ft. high, bears ENE for 220 ft. and WSW for 331 ft.
363.0	Cor. No. 1, and place of beginning. The Boss' #1 Mill Site contains 5.00 Acres.

SURVEY NO. 4417 A and B

AREAS	Acres
Total area, The Boss' #3 lode	20.661
Area in conflict with-	
The Boss' #5 lode of this survey	1.181
Total area, The Boss' #2 lode	20.661
Total area, The Boss' #1 lode	20.661
Total area, The Boss' #5 lode	20.661
Total area, The Boss' #4 lode	20.661
Total area, Miss Lottie #2 lode	20.661
Total area, Miss Lottie #3 lode	20.661
Total area, Miss Lottie #1 lode	20.661
Total area, Hillcrest #25 lode	20.661
Total area, Hillcrest #26 lode	20.661
Total area, D & W #2 lode	20.661
Total area, D and W #1 lode	20.661
Total area, D & W #6 lode	20.661
Total area, Hill Crest Mill Site #1	5.00
Total area, The Boss' #1 Mill Site	5.00

## Claims

This survey is located in the NE $\frac{1}{4}$ , SW $\frac{1}{4}$ , SE $\frac{1}{4}$  Sec. 11, SW $\frac{1}{4}$  Sec. 12, NE $\frac{1}{4}$ , NW $\frac{1}{4}$  Sec. 13, and NE $\frac{1}{4}$ , NW $\frac{1}{4}$  Sec. 14, of T. 11 N., R. 14 E., Gila and Salt River Meridian, in the Sitgreaves National Forest.

The survey of the lodes and millsites of this claim is identical with the locations as marked on the ground. The location monuments, all mounds of stones, 3 ft. base and 3 ft. high, were rebuilt alongside the corners of the lodes and mill sites.

## 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 claim by the claimant or his grantors are as follows:

- No. 1 The discovery point of The Boss' #3 lode is on the lode line 100 ft. N.30°20'W., from the center of line 2-3.  
No value.
- No. 2 A trench, the east end of which bears S.84°W., 305.0 ft. from Cor. No. 2 The Boss' #3 lode, 12 ft. wide, 5 ft. deep, running S.60°W., 50 ft.  
Value, \$300.
- No. 3 A trench, the south end of which bears N.86°W., 167 ft. from Cor. No. 2, The Boss' #3 lode, 12 ft. wide, 2.5 ft. deep, running N.35°W., 40 ft.  
Value, \$135.
- No. 4 A trench, the south end of which bears N. 1°30'W., 177 ft. from Cor. No. 3 of The Boss' #3 lode, 12 ft. wide, 3 ft. deep, running N.30°W., 50 ft.  
Value, \$200.
- No. 5 A trench, the south end of which bears N.23°50'E., 132 ft. from Cor. No. 3, The Boss' #3 lode, 4 ft. wide, 5 ft. deep, running N.40°W., 15 ft.  
Value, \$50.
- No. 6 A trench, the west end of which bears N.51°E., 228 ft. from Cor. No. 3 of The Boss' #3 lode, 4 ft. wide, 4 ft. deep, running S.72°E., 15 ft.  
Value, \$50.
- No. 7 A trench, the south end of which bears N.56°30'E., 80 ft. from Cor. No. 3 of The Boss' #3 lode, 4 ft. wide, 5 ft. deep, running N.30°W., 15 ft.  
Value, \$50.
- No. 1 The discovery point of The Boss' #2 lode is on the lode line S.30°20'E., 125 ft. from the center of line 4-1.  
No value
- No. 2 A trench, the north end of which bears S.35°45'W., 300 ft. from Cor. No. 1 of The Boss' #2 lode, 12 ft. wide, 8 ft. deep, running south 40 ft.  
Value, \$500.
- No. 3 A trench, the west end of which bears S.39°48'E., 342 ft. from Cor. No. 4 of The Boss' #2 lode, 5 ft. wide, 3 ft. deep, running N.75°E., 15 ft.  
Value, \$50.
- No. 4 A trench, the west end of which bears S.37°50'E., 383 ft. from Cor. No. 4 of The Boss' #2 lode, 12 ft. wide, 1 ft. deep, running east, 60 ft.  
Value, \$50.

CHAINS	
No. 5	A trench, the south end of which bears N.17°20'E., 295 ft. from Cor. No. 3 of The Boss' #2 lode, 12 ft. wide, 2 ft. deep, running N.40°E., 68 ft. Value, \$180.
No. 1	The discovery point of The Boss' #1 lode is on the lode line S.30°20'E., 195 ft. from the center of line 4-1. No value.
No. 2	A trench, the south end of which bears S.83°E., 365 ft. from Cor. No. 4 of The Boss' #1 lode, 12 ft. wide, 2 ft. deep, running N.10°E., 50 ft. Value, \$150.
No. 3	A trench, the west end of which bears N.85°45'E., 292 ft. from Cor. No. 4 of The Boss' #1 lode, 4 ft. wide, 5 ft. deep, running N.70°E., 15 ft. Value, \$50.
No. 4	A trench, the south end of which bears N.83°E., 280 ft. from Cor. No. 4 of The Boss' #1 lode, 4 ft. wide, 6 ft. deep, running N.30°E., 15 ft. Value, \$50.
No. 5	A trench, the north end of which bears N.59°40'E., 341 ft. from Cor. No. 4 of The Boss' #1 lode, 12 ft. wide, 3 ft. deep, running S.45°E., 50 ft. Value, \$250.
No. 6	A trench, the north end of which bears N.59°40'E., 414 ft. from Cor. No. 4 of The Boss' #1 lode, 12 ft. wide, 1.5 ft. deep, running S.20°E., 65 ft. Value, \$150.
No. 7	A trench, the north end of which bears S.55°10'W., 114 ft. from Cor. No. 1 of The Boss' #1 lode, 12 ft. wide, 1 ft. deep, running S.15°W., 90 ft. Value, \$100.
No. 8	A trench, the east end of which bears S.26°10'W., 301 ft. from Cor. No. 1 of The Boss' #1 lode, 4 ft. wide, 5 ft. deep, running S.60°W., 15 ft. Value, \$50.
No. 9	A trench, the west end of which bears S.10°E., 255 ft. from Cor. No. 1 of The Boss' #1 lode, 12 ft. wide, 1.5 ft. deep, running S.75°E., 60 ft. Value, \$150.
No. 10	A trench, the west end of which bears S.17°50'E., 240 ft. from Cor. No. 1 of The Boss' #1 lode, 12 ft. wide, 1 ft. deep, running S.85°E., 50 ft. Value, \$50.
No. 11	A trench, the east end of which bears S.30°20'E., 222 ft. from Cor. No. 1 of The Boss' #1 lode, 12 ft. wide, 2 ft. deep, running S.55°W., 40 ft. Value, \$100.
No. 12	A trench, the east end of which bears N.31°10'W., 1107 ft. from Cor. No. 2, The Boss' #1 lode, 4 ft. wide, 6 ft. deep, running S.87°W., 15 ft. Value, \$50.

CHAINS	
No. 13	A trench, the east end of which bears N.55°20'W., 593 ft. from Cor. No. 2 of The Boss' #1 lode, 12 ft. wide, 4 ft. deep, running N.65°W., 50 ft. Value, \$400.
No. 1	The discovery point of The Boss' #5 lode is on the lode line, N.30°20'W., 275 ft. from the center of line 1-2. No value.
No. 2	A trench, the west end of which bears N.15°30'E., 392 ft. from Cor. No. 2 of The Boss' #5 lode, 12 ft. wide, 2.5 ft. deep, running S.80°W., 40 ft. Value, \$150.
No. 3	A trench, the east end of which bears N.26°15'E., 160 ft. from Cor. No. 2 of The Boss' #5 lode, 12 ft. wide, 2.5 ft. deep, running N.65°W., 35 ft. Value, \$150.
No. 4	A trench, the southwest end of which bears N.26°W., 176 ft. from Cor. No. 2 of The Boss' #5 lode, 4 ft. wide, 6 ft. deep, running N.45°E., 15 ft. Value, \$50.
No. 5	A trench, the south end of which bears N.14°W., 58 ft. from Cor. No. 2 of The Boss' #5 lode, 4 ft. wide, 6 ft. deep, running N.25°W., 15 ft. Value, \$50.
No. 6	A trench, the north end of which bears S.58°20'E., 250 ft. from Cor. No. 3, of The Boss' #5 lode, 4 ft. wide, 6 ft. deep, running S.25°W., 15 ft. Value, \$50.
No. 7	A trench, the southwest end of which bears S.78°E., 188 ft. from Cor. No. 3 of The Boss' #5 lode, 4 ft. wide, 6 ft. deep, running N.45°E., 18 ft. Value, \$50.
No. 8	A trench, the west end of which bears S.64°E., 420 ft. from Cor. No. 3 of The Boss' #5 lode, 5 ft. wide, 6 ft. deep, running N.65°E., 20 ft. Value, \$75.
No. 9	A trench, the east end of which bears N.49°20'W., 180 ft. from the center of line 1-2 of The Boss' #5 lode, 12 ft. wide, 2 ft. deep, running S.65°W., 40 ft. Value, \$100.
No. 1	The discovery point of The Boss' #4 lode is on the lode line, N.30°20'W., 225 ft. from the center of line 3-4. No value.
No. 2	A trench, the south end of which bears S.63°45'W., 268 ft. from Cor. No. 3 of The Boss' #4 lode, 12 ft. wide, 2.5 ft. deep, running North 60 ft. Value, \$200.
No. 3	A trench, the east end of which bears S.75°W., 167 ft. from Cor. No. 3 of The Boss' #4 lode, 12 ft. wide, 3 ft. deep, running S.80°W., 30 ft. Value, \$150.

Chains	
No. 8	A trench, the south end of which bears N.29°20'W., 347 ft. from Cor. No. 1 Miss Lottie #2 lode, 5 ft. wide, 5 ft. deep, running N.22°W., 16 ft. Value, \$50.
No. 1	The discovery point of the Miss Lottie #3 lode is on the lode line N.30°20'W., 175 ft. from the center of line 2-3. No value
No. 2	A trench, the north end of which bears N.80°30'W., 312 ft. from Cor. No. 2 Miss Lottie #3 lode, 12 ft. wide, 3 ft. deep, running S.10°W., 71 ft. Value, \$300.
No. 3	A trench, the southwest end of which bears N.18°E., 240 ft. from Cor. No. 3 Miss Lottie #3 lode, 12 ft. wide, 3 ft. deep, running N.47°E., 82 ft. Value, \$350.
No. 4	A trench, the northwest end of which bears N.13°30'E., 240 ft. from Cor. No. 3 Miss Lottie #3 lode, 7 ft. wide, 3 ft. deep, running S.43°E., 16 ft. Value, \$50.
No. 5	A trench, the south end of which bears N.7°40'E., 288 ft. from Cor. No. 3 Miss Lottie #3 lode, 25 ft. wide, 5 ft. deep, running N.5°E., 36 ft. Value, \$500.
No. 6	A trench, the south end of which bears N.0°30'W., 308 ft. from Cor. No. 3 Miss Lottie #3 lode, 4 ft. wide, 3 ft. deep, running N.35°E., 12 ft. Value, \$50.
No. 7	A trench, the south end of which bears N.18°30'W., 485 ft. from Cor. No. 3 Miss Lottie #3 lode, 5 ft. wide, 4 ft. deep, running N.10°E., 15 ft. Value, \$50.
No. 8	A trench, the north end of which bears N.25°10'W., 490 ft. from Cor. No. 3 Miss Lottie #3 lode, 5 ft. wide, 4 ft. deep, running S.10°W., 15 ft. Value, \$50.
No. 9	A trench, the north end of which bears S.34°30'E., 988 ft. from Cor. No. 4 Miss Lottie #3 lode, 12 ft. wide, 1.5 ft. deep, running S.25°W., 50 ft. Value, \$100.
No. 10	A shaft, the center of which bears N.19°50'W., 590 ft. from Cor. No. 3 Miss Lottie #3 lode, 6x6 ft., 4 ft. deep. Value, \$25.
No. 1	The discovery point of the Miss Lottie #1 lode is on the lode line S.30°20'E., 400 ft. from the center of line 3-4. No value.
No. 2	A trench, the south end of which bears S.77°15'E., 372 ft. from Cor. No. 3 Miss Lottie #1 lode, 12 ft. wide, 3 ft. deep, running N.40°E., 51 ft. Value, \$225.

Claims	
No. 4	A trench, the east end of which bears S.87°40'W., 175 ft. from Cor. No. 3 of The Boss' #4 lode, 12 ft. wide, 3 ft. deep, running S.75°W., 30 ft. Value, \$150.
No. 5	A trench, the east end of which bears N.75°40'W., 293 ft. from Cor. No. 3 of The Boss' #4 lode, 12 ft. wide, 4 ft. deep, running S.75°W., 40 ft. Value, \$225.
No. 6	A trench, the south end of which bears N.68°50'W., 288 ft. from Cor. No. 3 of The Boss' #4 lode, 12 ft. wide, 3 ft. deep, running N.20°W., 40 ft. Value, \$200.
No. 7	A trench, the south end of which bears N.46°W., 364 ft. from Cor. No. 3 of The Boss' #4 lode, 12 ft. wide, 2 ft. deep, running N.5° W., 60 ft. Value, \$200.
No. 8	A trench, the east end of which bears N.38°30'W., 366 ft. from Cor. No. 3 of The Boss' #4 lode, 5 ft. wide, 4 ft. deep; running West 10 ft. Value, \$50.
No. 9	A trench, the south end of which bears N.49°30'E., 280 ft. from Cor. No. 4 of The Boss' #4 lode, 12 ft. wide, 1.5 ft. deep, running N.30°W., 40 ft. Value, \$75.
No. 1.	The discovery point of Miss Lottie #2 lode is on the lode line S.30°20'E., 100 ft. from the center of line 2-3. No value
No. 2	A trench, the east end of which bears S.45°W., 250 ft. from Cor. No. 3 Miss Lottie #2 lode, 12 ft. wide, 3 ft. deep, running S.62°W., 68 ft. Value, \$300.
No. 3	A trench, the north end of which bears S.36° W., 276 ft. from Cor. No. 3 Miss Lottie #2 lode; 12 ft. wide, 2 ft. deep, running S.3° E., 48 ft. Value, \$150.
No. 4	A trench, the northwest end of which bears S.1°15'E., 620 ft. from Cor. No. 3 Miss Lottie #2 lode, 12 ft. wide, 2 ft. deep, running S.50°E., 77 ft. Value, \$225.
No. 5	A trench, the west end of which bears S.9°E., 585 ft. from Cor. No. 3 Miss Lottie #2 lode, 17 ft. wide, 4 ft. deep, running N.85°E., 60 ft. Value, \$100.
No. 6	A trench, the north end of which bears S.20°10'E., 410 ft. from Cor. No. 3 Miss Lottie #2 lode, 12 ft. wide; 1 ft. deep, running S.35°E., 48 ft. Value, \$75.
No. 7	A trench, the southwest end of which bears N.89°20'E., 296 ft. from Cor. No. 2 Miss Lottie #2 lode, 12 ft. wide, 2 ft. deep, running N.40°E., 53 ft. Value, \$150.

Chains	
No. 3	A trench, the north end of which bears S.20°20'W., 270 ft. from Cor. No. 4 Miss Lottie #1 lode, 14 ft. wide, 1.5 ft. deep, running S.25°E., 140 ft. Value, \$400.
No. 4	A trench, the north end of which bears S.6°30'E., 180 ft. from Cor. No. 4 Miss Lottie #1 lode, 10 ft. wide, 5 ft. deep, running S.10°W., 62 ft. Value, \$375.
No. 5	A trench, the east end of which bears N.32°20'W., 1312 ft. from Cor. No. 1 Miss Lottie #1 lode, 8 ft. wide, 3 ft. deep, running West 12 ft. Value, \$50.
No. 6	A trench, the south end of which bears N.35°30'W., 1250 ft. from Cor. No. 1 Miss Lottie #1 lode, 10 ft. wide, 5 ft. deep, running N.15°W., 45 ft. Value, \$300.
No. 7	A trench, the south end of which bears N.70°40'E., 275 ft. from Cor. No. 3 Miss Lottie #1 lode, 12 ft. wide, 1.5 ft. deep, running N.3°W., 40 ft. Value, \$80.
No. 1	The discovery point of the Hillcrest #25 lode is on the lode line, N.59°40'E., 290 ft. from the center of line 1-2. No value
No. 2	A trench, the west end of which bears S.70°30'E., 357 ft. from Cor. No. 2 of Hillcrest #25 lode, 4 ft. wide, 2 ft. deep, running N.76°E., 47 ft. Value, \$50.
No. 3	A trench, the north end of which bears N.72°30'E., 575 ft. from Cor. No. 2 Hillcrest #25 lode, 8 ft. wide, 4 ft. deep, running S.17°E., 17 ft. Value, \$100.
No. 4	A trench, the north end of which bears S.58°W., 306 ft. from Cor. No. 3 Hillcrest #25 lode, 10 ft. wide, 4 ft. deep, running S.27°E., 22 ft. Value, \$100.
No. 5	A trench, the west end of which bears N.76°45'E., 351 ft. from the center of line 1-2 Hillcrest #25 lode, 4 ft. wide, 4 ft. deep, running N.70°E., 20 ft. Value, \$50.
No. 6	A trench, the west end of which bears N.31°E., 374 ft. from Cor. No. 1 Hillcrest #25 lode, 5 ft. wide, 5 ft. deep, running N.80°E., 21 ft. Value, \$75.
No. 7	A trench, the west end of which bears N.20°E., 175 ft. from Cor. No. 1 Hillcrest #25 lode, 12 ft. wide, 2 ft. deep, running S.74°E., 58 ft. Value, \$150.
No. 8	A trench, the south end of which bears N.18°30'E., 380 ft. from Cor. No. 1 Hillcrest #25 lode, 12 ft. wide, 1.5 ft. deep, running N.49°W., 61 ft. Value, \$150.

Chain	Description
No. 1	The discovery point of the Hillcrest #26 lode is on the lode line N.59°40'E., 850 ft. from the center of line 3-4. No value.
No. 2	A trench, the west end of which bears N.40°40'E., 844 ft. from Cor. No. 3 Hillcrest #26 lode, 10 ft. wide, 5 ft. deep, running N.55°E., 15 ft. Value, \$120.
No. 3	A trench, the south end of which bears N.45°E., 868 ft. from Cor. No. 3 Hillcrest #26 lode, 12 ft. wide, 1 ft. deep, running N.50°W., 40 ft. Value, \$50.
No. 4	A trench, the south end of which bears N.76°45'E., 800 ft. from Cor. No. 4 Hillcrest #26 lode, 12 ft. wide, 4 ft. deep, running N.25°E., 25 ft. Value, \$200.
No. 5	A trench, the west end of which bears N.67°30'E., 745 ft. from Cor. No. 4 Hillcrest #26 lode, 8 ft. wide, 3 ft. deep, running N.60°E., 15 ft. Value, \$50.
No. 6	A trench, the west end of which bears N.62°10'E., 773 ft. from Cor. No. 4 Hillcrest #26 lode, 7 ft. wide, 3 ft. deep, running S.70°E., 15 ft. Value, \$50.
No. 7	A shaft, the center of which bears S.77°40'W., 550 ft. from Cor. No. 2 Hillcrest #26 lode, 4 x 6 ft. in size, 4 ft. deep. Value, \$50.
No. 1	The discovery point of the D & W #2 lode is on the lode line N.59°40'E., 900 ft. from the center of line 2-3. No value.
No. 2	A trench, the east end of which bears S.86°30'W., 622 ft. from Cor. No. 1 D & W #2 lode, 12 ft. wide, 2 ft. deep, running S.70°W., 35 ft. Value, \$100.
No. 3	A trench, the north end of which bears S.34°40'W., 660 ft. from Cor. No. 4 D & W #2 lode, 8 ft. wide, 6 ft. deep, running S.10°E., 35 ft. Value, \$200.
No. 4	A shaft, the center of which bears S.82°10'W., 675 ft. from Cor. No. 1 D & W #2 lode, 6 x 6 ft. in size, 6 ft. deep. Value, \$50.
No. 5	A shaft, the center of which bears S.74°50'W., 693 ft. from Cor. No. 1 D & W #2 lode, 8x6 ft. in size, 4 ft. deep. Value, \$50.
No. 6	A trench, the northeast end of which bears S.40°20'W., 764 ft. from Cor. No. 4 D & W #2 lode, 12 ft. wide, 1 ft. deep, running S.45°W., 50 ft. Value, \$75.
No. 7	A trench, the north end of which bears N.66°50'E., 619 ft. from Cor. No. 3 D & W #2 lode, 4 ft. wide, 8 ft. deep, running S.10°W., 40 ft. Value, \$150.



Claims	
No. 8	A trench, the east end of which bears S.53°40'W., 884 ft. from Cor. No. 4 D & W #2 lode, 4 ft. wide, 6 ft. deep, running N.75°W., 11 ft. Value, \$35.
No. 1	The discovery point of the D and W #1 lode is on the lode line S.59°40'W., 300 ft. from the center of line 2-3. No value
No. 2	A trench, the south end of which bears N.86°50'W., 395 ft. from Cor. No. 3 D and W #1 lode, 12 ft. wide, 1.5 ft. deep, running N.13°W., 70 ft. Value, \$150.
No. 3	A trench, the north end of which bears N.86°50'W., 395 ft. from Cor. No. 3 D and W #1 lode, 4 ft. wide, 2 ft. deep, running S.15°W., 80 ft. Value, \$100.
No. 4	A trench, the north end of which bears S.81°45'W., 343 ft. from Cor. No. 3 D and W #1 lode, 4 ft. wide, 2 ft. deep, running S.5°W., 60 ft. Value, \$75.
No. 5	A trench, the south end of which bears S.64°20'W., 285 ft. from Cor. No. 3 D and W #1 lode, 8 ft. wide, 5 ft. deep, running N.12°W., 40 ft. Value, \$240.
No. 6	A shaft, the center of which bears S.54°W., 54 ft. from the center of line 2-3, D and W #1 lode, 4x6 ft., 5 ft. deep. Value, \$50.
No. 1	The discovery point of the D & W #6 lode is on the lode line, S.59°40'W., 180 ft. from the center of line 2-3. No value.
No. 2	A trench, the south end of which bears N.82°20'W., 380 ft. from Cor. No. 3 D & W #6 lode, 12 ft. wide, 2.5 ft. deep, running North 95 ft. Value, \$200.
No. 3	A trench, the south end of which bears N.73°30'W., 270 ft. from Cor. No. 3 D & W #6 lode, 4 ft. wide, 4 ft. deep, running N.10°E., 20 ft. Value, \$50.
No. 4	A trench, the south end of which bears N.89°20'W., 480 ft. from Cor. No. 3 D & W #6 lode, 4 ft. wide, 4 ft. deep, running North 15 ft. Value, \$50.
No. 5	A trench, the north end of which bears S.28°30'W., 574 ft. from Cor. No. 2 D & W #6 lode, 4 ft. wide, 7 ft. deep, running S.10°W., 15 ft. Value, \$50.
No. 6	A trench, the north end of which bears S.32°W., 638 ft. from Cor. No. 2 D & W #6 lode, 8 ft. wide, 7 ft. deep, running S.20°E., 16 ft. Value, \$100.
No. 7	A trench, the east end of which bears S.82°W., 440 ft. from Cor. No. 3 D & W #6 lode, 4 ft. wide, 2 ft. deep, running West 12 ft. Value, \$50.

Chains	
No. 8	A shaft, the center of which bears S.82°30'W., 407 ft. from Cor. No. 3 D & W #6 lode, 4 x 6 ft., 7 ft. deep. Value, \$50.
No. 9	A trench, the northeast end of which bears S.77°50'W., 350 ft. from Cor. No. 3 D & W #6 lode, 4 ft. wide, 8 ft. deep, running S.45°W., 35 ft. Value, \$150.
No. 10	A trench, the northwest end of which bears S.70°20'W., 613 ft. from Cor. No. 3 D & W #6 lode, 12 ft. wide, 1 ft. deep, running S.40°E., 48 ft. Value, \$50.
No. 11	A trench, the east end of which bears S.65°W., 582 ft. from Cor. No. 3 D & W #6 lode, 5 ft. wide, 5 ft. deep, running S.80°W., 33 ft. Value, \$100.

## OTHER IMPROVEMENTS

A dam, a point on the center line of which bears N.30°20'W., 151.34 ft. from Cor. No. 1 The Boss' #1 Mill Site, from this point center line of dam bears S.59°40'W., 331 ft., and N.59°40'E., 220 ft. Maximum height 14 ft.

A well, the center of which bears N.82°30'E., 268 ft. from Cor. No. 3 Hill Crest Mill Site #1, 8 ins. diam., 500 ft. deep.

## OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA

Cor. No. 2 Sur. No. 4352 Campbell and Denison Ext. No. 5 lode, identical with Cor. No. 3 Sur. No. 4352 Campbell and Denison Ext. No. 6 lode is a sandstone firmly set and properly marked. Cor. No. 2 Sur. No. 4352 Campbell and Denison Ext. No. 6 lode, identical with Cor. No. 3 Sur. No. 4352 Campbell and Denison Ext. No. 7 lode is a sandstone firmly set and properly marked. Cor. No. 4 Sur. No. 4352 Campbell and Denison No. 13 lode is a sandstone firmly set and properly marked:

Sur. No. 4352, Campbell and Denison Nos. 13, 14, and 15 lodes, which separate lode claims of this survey, are owned by the claimant herein.

## FIELD ASSISTANTS

Name	Capacity
W. J. Cheek	Chainman
Cliff Phillips	Chainman

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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CERTIFICATE OF SURVEYOR

November 6, 1956

I, Richard L. Merritt

Mineral Surveyor, hereby certify upon honor that in pursuance of an order received from the \_\_\_\_\_

Office Cadastral Engineer, at Phoenix, Arizona

dated September 19, 1956, I have faithfully and correctly executed the survey of

the mining claim of Alvis F. Denison

The Boss' #1, #2, #3, #4, #5, Miss Lottie #1, #2, #3, Hillcrest #25, #26, D and W #1,  
known as the D & W #2, and D & W #6 lode claims, Hill Crest Mill Site #1, and The Boss' #1,  
(Lode, placer, or mill site) Mill Site

situate in Sections 11, 12, 13 and 14

T. 11 N., R. 14 E., G. & S.R. Meridian, Arizona, and  
(State)

designated as Survey No. 4417 A & B, 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, Survey Office  
(Office)

Phoenix, Arizona May 29, 1957  
(Place) (Date)

The foregoing field notes of mineral survey No. 4417 A&B, in \_\_\_\_\_

Sections 11, 12, 13, 14, T. 11 N., R. 14 E., G. & S.R. Meridian,

Arizona, executed by Richard L. Merritt, Mineral Surveyor,  
(State)

under order dated September 19, 1956, 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.

Everett H. Kimmell  
(Signature)

Office Cadastral Engineer  
(Title)

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of field notes of the above described mineral survey No. 4417 A&B is a true copy of the original field notes.

Everett H. Kimmell

Office Cadastral Engineer  
(Title)

