

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MINERAL SURVEY NO. 4352

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Lottie May Denison

Known As The  
Campbell and Denison lodes Nos. 1 to 15 inclusive, and the Campbell and  
Denison Ext. lodes Nos. 5 to 9 inclusive.

Mogollon Rim Mining District,

Coconino County, Arizona

Sections 11, 12, 13, 14, Township 11 North, Range 14 East

Surveyed under order dated January 11, 1951

by

*Richard L. Merrett*  
Mineral Surveyor.

Claim located See location notices, 19

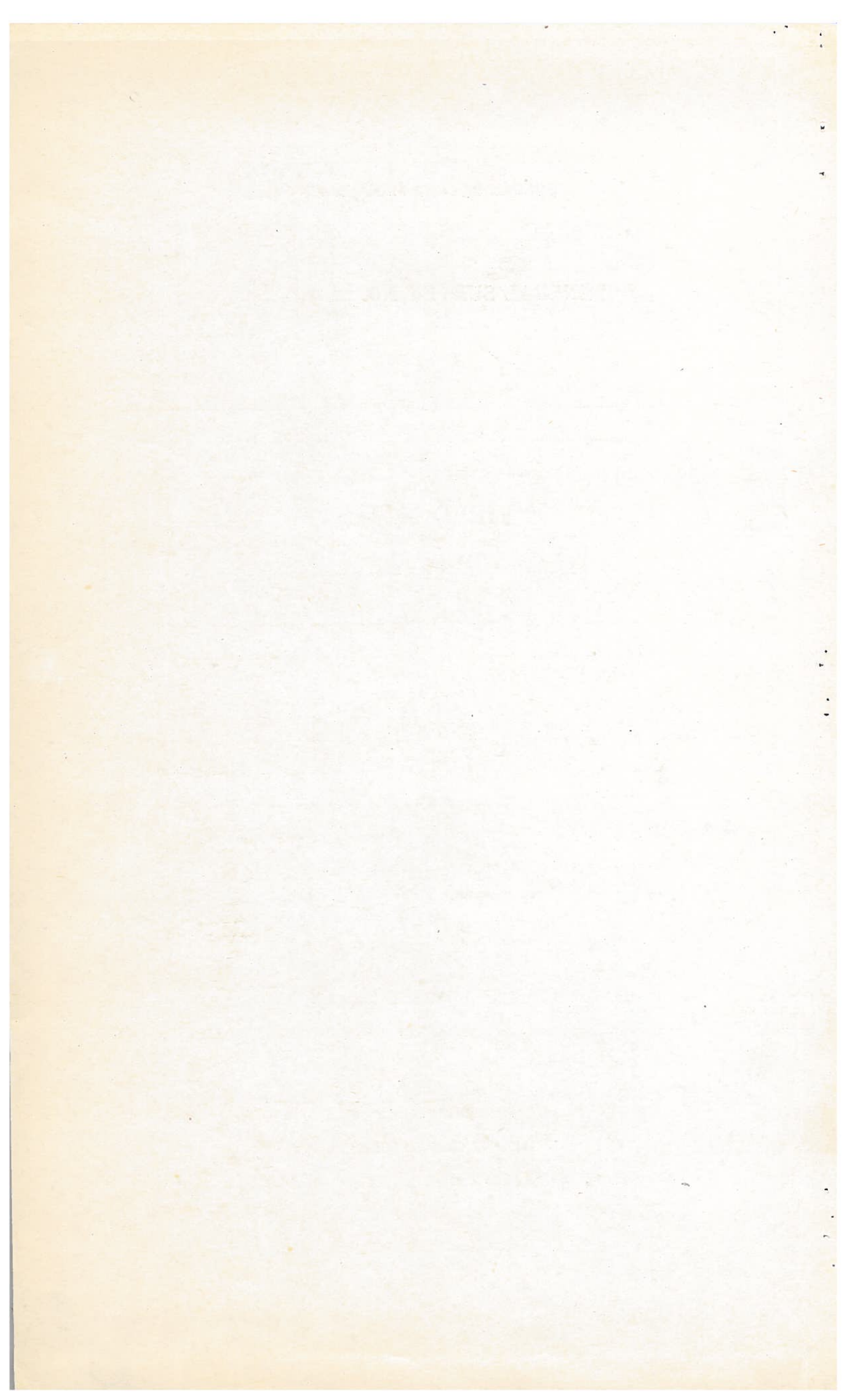
Survey commenced June 20, 1951

Survey completed August 6, 1951

Address of claimant Morgan and Locklear, Attorneys,  
Phoenix, Arizona

DATES OF AMENDED LOCATIONS

All claims, November 25, 1950



This survey was made with a Berger transit No. 17503, with horizontal limb 5-1/8 ins. in 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; a prismatic eyepiece with colored glass was attached to the eyepiece of the transit 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 a P.M. altitude observation on the sun, the details of which observation are shown in the calculation sheets submitted for examination. Details of lower culmination observation on polaris for latitude and a P.M. altitude observation on the sun for time are submitted for examination.

The lines were measured with a Lufkin steel tape 300 feet in length, graduated every foot, the first foot being graduated to tenths and hundredths.

The magnetic variation observed at each corner of this survey gave a uniform value of 15°00'E.

Feet

## CAMPBELL AND DENISON NO. 1 LODE

At cor. No. 1 of the Campbell and Denison No. 1 lode.

Set a sandstone 24 x 10 x 4 ins., 16 ins. in the ground, mkd. X 1 - C D 1 - 4352; from which

The east 1/4 cor. of sec. 13, T. 11 N., R. 14 E., G. and S. R. B. and M., bears S.64°27'40"E., 755.69 ft. dist.; an iron post, 3/4 ins. diam., 14 ins. above ground, with brass cap firmly set, marked and witnessed as described in the official record.

A pine, 24 ins. diam., bears N.76°00'W., 25.15 ft. dist., mkd. XBT 1 CD 1 - 4352.

Thence S.59°40'W.

300.00 Lode line; discovery point bears N.30°20'W., 30 ft. dist.,

600.0 Cor. No. 2, identical with Cor. No. 1 of the Campbell and Denison No. 2 lode of this survey.

Set a sandstone 30 x 14 x 8 ins., 16 ins. in the ground, mkd. X2C D 1, 1 C D 2 - 4352; from which

A pine, 24 ins. diam., bears N.83°26'E., 69.55 ft. dist., mkd. XBT 2 CD 1, 1 C D 2 - 4352.

Thence N.30°20'W.

1500.0 Cor. No. 3, identical with Cor. No. 4 of the Campbell and Denison No. 2 lode of this survey.

Set a sandstone 25 x 18 x 8 ins., 16 ins. in the ground, mkd. X 3 C D 1, 4 C D 2 - 4352; from which

A pine, 14 ins. diam., bears S.53°39'W., 37.81 ft. dist., mkd. XBT 3 CD 1, 4 C D 2 - 4352.

	Thence N.59°40'E.
300.0	Lode line; discovery point bears S.30°20'E., 1470.0 ft. dist.
600.0	Cor. No. 4. Set a sandstone 28 x 14 x 4 ins., 16 ins. in the ground, mkd. X 4 C D 1 - 4352; from which  A pine, 30 ins. diam., bears N.15°08'W., 25.15 ft. dist., mkd. X B T 4 C D 1 - 4352.  Thence S.30°20'E.
1500.0	Cor. No. 1, and place of beginning.  CAMPBELL AND DENISON NO. 2 LODE  Beginning at Cor. No. 1 of the Campbell and Denison No. 2 lode, identical with Cor. No. 2, Campbell and Denison No. 1 lode of this survey; from which  The 1/4 cor. on the east line of sec. 13, T. 11 N., R 14 E., bears S.88°54'40"E., 1,199.93 ft. dist., previously described.  Thence S.59°40'W.
300.0	Lode line; discovery point bears N.30°20'W., 973 ft. dist.
600.0	Cor. No. 2. On line 4-1 Campbell and Denison No. 3 lode of this survey. Set a sandstone 28 x 14 x 6 ins., 16 ins. in the ground, mkd. X 2 C D 2 - 4352; from which  Cor. No. 1 Campbell and Denison No. 3 lode of this survey bears S.30°20'E., 171.45 ft. dist.  A pine, 30 ins. in diam., bears N.19°10'E., 61.17 ft. dist., mkd. X B T 2 C D 2 - 4352.  Thence N.30°20'W.
1328.55	Cor. No. 4, Campbell and Denison No. 3 lode of this survey.
1500.0	Cor. No. 3. Set a sandstone 24 x 12 x 10 ins., 16 ins. in the ground, mkd. X 3 C D 2 - 4352; from which  A pine, 14 ins. in diam., bears N.51°50'W., 8.67 ft. dist., mkd. X B T 3 C D 2 - 4352.  Thence N.59°40'E.
300.0	Lode line; discovery point bears S.30°20'E., 527.0 ft. dist.
600.0	Cor. No. 4, identical with Cor. No. 3, Campbell and Denison No. 1 lode of this survey.  Thence S.30°20'E.
1500.0	To Cor. No. 1, and place of beginning.

Feet	
	CAMPBELL AND DENISON NO. 3 LODE
	At Cor. No. 1, Campbell and Denison No. 3 lode.
	Set a sandstone 24 x 14 x 5 ins., 16 ins. in the ground, mkd. X 1 C D 3 - 4352; from which
	The 1/4 cor. on the east line of sec. 13, T. 11 N., R. 14 E., bears N.75°17'20"E., 1,686.26 ft. dist., previously described.
	A pine, 14 ins. diam. bears N.1°34'W., 10.41 ft. dist., mkd. X B T 1 C D 3 - 4352.
	Thence S.59°40'W.
300.0	Lode line; discovery point bears N.30°20'W., 1,412.0 ft. dist.
600.0	Cor. No. 2, identical with Cor. No. 4, Campbell and Denison No. 4 lode of this survey.
	Set a sandstone 24 x 12 x 4 ins., 16 ins. in the ground, mkd. X 2 C D 3, 4 C D 4 - 4352; from which
	A pine, 30 ins. in diam. bears S.89°22'W., 10.41 ft. dist., mkd. X B T 2 C D 3, 4 C D 4 - 4352.
	Thence N.30°20'W.
218.0	Center of road bears N.69°40'E., and S.69°40'W.
1500.0	Cor. No. 3, identical with Cor. No. 3, Campbell and Denison No. 4 lode of this survey.
	Set a sandstone 31 x 12 x 5 ins., 16 ins. in the ground, mkd. X 3 C D 3, 3 C D 4 - 4352; from which
	A pine, 36 ins. diam. bears N.21°43'E., 27.73 ft. dist., mkd. X B T 3 C D 3, 3 C D 4 - 4352.
	Thence N.59°40'E.
300.0	Lode line; discovery point bears S.30°20'E., 88 ft. dist.
600.0	Cor. No. 4, on line 2-3, Campbell and Denison No. 2 lode of this survey.
	Set a sandstone 31 x 12 x 5 ins., 16 ins. in the ground, mkd. X 4 C D 3 - 4352; from which
	Cor. No. 3, Campbell and Denison No. 2 lode of this survey bears N.30°20'W., 171.45 ft. dist.
	A pine, 20 ins. diam., bears S.48°05'E., 29.95 ft. dist., mkd. X B T 4 C D 3 - 4352.
	Thence S.30°20'E.
1328.55	Cor. No. 2, Campbell and Denison No. 2 lode of this survey.
1385.0	Center of road bears N.69°40'E., and S.69°40'W.
1500.0	To Cor. No. 1, and the place of beginning.

## SURVEY NO. 4352

Feet	
	<b>CAMPBELL AND DENISON NO. 4 LODE</b>
	At Cor. No. 1, of the Campbell and Denison No. 4 lode, identical with Cor. No. 3, Campbell and Denison No. 5 lode of this survey.
	Set a sandstone 30 x 8 x 6 ins., 16 ins. in the ground, mkd. X 1 C D 4, 3 C D 5 - 4352; from which
	The 1/4 cor. bet. secs. 13 and 24, T. 11 N., R. 14 E., G. and S. R. B. and M., bears S.0°41'30"E., 1,601.64 ft. dist., an iron post, 3/4 ins. diam., with brass cap 12 ins. above the ground, marked and witnessed as described in the official record.
	A pine, 24 ins. diam., bears N.13°11'W., 11.18 ft. dist., mkd. X B T 1 C D 4, 3 C D 5 - 4352.
	Thence N.30°20'W.
329.0	Center of road bears N.69°40'E., and S.69°40'W.
1500.0	Cor. No. 2, identical with Cor. No. 2, Campbell and Denison No. 5, and with Cor. No. 4, Campbell and Denison Ext. No. 5 lodes of this survey.
	Set a sandstone 24 x 14 x 5 ins., 16 ins. in the ground, mkd. X 2 C D 4, 2 C D 5, 4 C D E 5 - 4352; from which
	A pine, 36 ins. diam., bears S.56°24'E., 30 ft. dist., mkd. X B T 2 C D 4, 2 C D 5, 4 C D E 5, - 4352.
	Thence N.59°40'E.
300.0	Lode line; discovery point bears S.30°20'E., 236 ft. dist.
600.0	Cor. No. 3, identical with Cor. No. 3, Campbell and Denison No. 3 lode of this survey.
	Thence S. 30°20'E.
1282.0	Center of road bears N.69°40'E., and S.69°40'W.
1500.0	Cor. No. 4, identical with Cor. No. 2, Campbell and Denison No. 3 lode of this survey.
	Thence S.59°40'W.
300.0	Lode line; discovery point bears N.30°20'W., 1264.0 ft. dist.
600.0	Cor. No. 1, and the place of beginning.
	<b>CAMPBELL AND DENISON NO. 5 LODE</b>
	At Cor. No. 1, Campbell and Denison No. 5 lode, identical with Cor. No. 2, Campbell and Denison No. 6 lode, Cor. No. 4, Campbell and Denison Ext. No. 6 lode, and Cor. No. 1, Campbell and Denison Ext. No. 5 lode of this survey.
	Set a sandstone 30 x 12 x 5 ins., 16 ins. in the ground., mkd. X 1 C D 5, 2 C D 6, 4 C D E 6, 1 C D E 5, - 4352; from which

## SURVEY NO. 4352

Feet	
	<p>The 1/4 cor. bet. secs. 13 and 14, T. 11 N., R. 14 E., G. and S. R. B. and M., bears N.88°05'20"W., 1345.89 ft. dist., an iron post, 3/4 ins. in diam., with a brass cap 12 ins. above the ground, marked and witnessed as described in the official record.</p> <p>A pine, 18 ins. diam., bears S.54°13'E., 43.31 ft. dist., mkd. X B T, 1 C D 5, 2 C D 6, 4 C D E 6, 1 C D E 5 - 4352.</p> <p>Thence N.59°40'E.</p>
300.0	Lode line; discovery point bears S.30°20'E., 1358 ft. dist.
600.0	Cor. No. 2, identical with Cor. No. 2, Campbell and Denison No. 4, Cor. No. 4, Campbell and Denison Ext. No. 5 lodes of this survey.
	Thence S.30°20'E.
1171.0	Center of road bears N.69°40'E., and S.69°40'W.
1500.0	Cor. No. 3, identical with Cor. No. 1, Campbell and Denison No. 4 lode of this survey.
	Thence S.59°40'W.
300.0	Lode line; discovery point bears N.30°20'W., 142.0 ft. dist.
600.0	Cor. No. 4, identical with Cor. No. 3, Campbell and Denison No. 6 lode of this survey.
	Set a sandstone 27 x 18 x 4 ins., 16 ins. in the ground, mkd. X 4 C D 5, 3 C D 6 - 4352; from which
	A pine, 14 ins. diam., bears N.10°10'W., 18.14 ft. dist., mkd. X B T 4 C D 5, 3 C D 6 - 4352.
	Thence N.30°20'W.
494.0	Center of road, bears N.79°E. and S.79°W.
1500.0	To Cor. No. 1, and the place of beginning.
	CAMPBELL AND DENISON NO. 6 LODE
	At Cor. No. 1, Campbell and Denison No. 6 lode, identical with Cor. No. 2, Campbell and Denison No. 7, Cor. No. 4, Campbell and Denison Ext. No. 7, Cor. No. 1, Campbell and Denison Ext. No. 6, lodes of this survey.
	Set a sandstone 30 x 14 x 10 ins., 16 ins. in the ground mkd. X 1 C D 6, 2 C D 7, 4 C D E 7, 1 C D E 6 - 4352; from which
	The 1/4 cor. bet. secs. 13 and 14, T. 11 N., R. 14 E., bears N.67°11'40"W., 897.44 ft. dist., previously described.
	A pine, 18 ins. diam., bears N.74°25'E., 39.70 ft. dist., mkd. X B T 1 C D 6, 2 C D 7, 4 C D E 7, 1 C D E 6 - 4352.

## SURVEY NO. 4352

	Thence N.59°40'E.
300.0	Lode line; discovery point bears S.30°20'E., 1428.0 ft. dist.
600.0	Cor. No. 2, identical with Cor. No. 4, Campbell and Denison Ext. No. 6, Cor. No. 1, Campbell and Denison Ext. No. 5, Cor. No. 1 Campbell and Denison No. 5, lodes of this survey.
	Thence S.30°20'E.
1006.0	Center of road, bears N.79°E., and S.79°W.
1500.0	Cor. No. 3, identical with Cor. No. 4, Campbell and Denison No. 5 lode of this survey.
	Thence S.59°40'W.
300.0	Lode line; discovery point bears N.30°20'W., 72 ft. dist.
600.0	Cor. No. 4, identical with Cor. No. 3, Campbell and Denison No. 7 lode of this survey.
	Set a sandstone 26 x 12 x 4 ins., 16 ins. in the ground, mkd. X 4 C D 6, 3 C D 7 - 4352; from which
	A pine tree, 14 ins. diam., bears S.56°40'E., 44.27 ft. dist., mkd. X B T 4 C D 6, 3 C D 7 - 4352.
	Thence N.30°20'W.
721.0	Center of road, bears N.81°20'E., and S.81°20'W.
1500.0	To Cor. No. 1, and place of beginning.
	CAMPBELL AND DENISON NO. 7 LODE
	At Cor. No. 1, Campbell and Denison No. 7 lode, identical with Cor. No. 3, Campbell and Denison No. 8, Cor. No. 1, Campbell and Denison Ext. No. 8, Cor. No. 1, Campbell and Denison Ext. No. 7, lodes of this survey.
	Set a sandstone 27 x 16 x 7 ins., 16 ins. in the ground, mkd. X 1 C D 7, 3 C D 8, 1 C D E 8, 1 C D E 7, - 4352; from which
	The 1/4 cor. bet. secs. 13 and 14, T.11 N., R. 14 E., bears N.25°25'30"W., 720.69 ft. dist., previously described.
	A pine, 18 ins. diam., bears S.56°25'E., 21.50 ft. dist., mkd. X B T 1 C D 7, 3 C D 8, 1 C D E 8, 1 C D E 7 - 4352.
	Thence N.59°40'E.
300.0	Lode line; discovery point bears S.30°20'E., 1436.0 ft. dist.
600.0	Cor. No. 2, identical with Cor. No. 4, Campbell and Denison Ext. No. 7, Cor. No. 1, Campbell and Denison Ext. No. 6, Cor. No. 1, Campbell and Denison No. 6, lodes of this survey.
	Thence S.30°20'E.
779.0	Center of road, bears N.81°20'E., and S.81°20'W.
1500.0	Cor. No. 3, identical with Cor. No. 4, Campbell and Denison No. 6, lode of this survey.
	Thence S.59°40'W.
300.0	Lode line; discovery point bears N.30°20'W., 64 ft. dist.



Feet	
600.0	<p>Cor. No. 4, identical with Cor. No. 4, Campbell and Denison No. 8 lode of this survey.</p> <p>Set a sandstone 30 x 13 x 5 ins., 16 ins. in the ground, mkd. X 4 C D 7, 4 C D 8 - 4352; from which</p> <p>A pine, 14 ins. diam. bears S.23°16'E., 28.15 ft. dist., mkd. X B T 4 C D 7, 4 C D 8 - 4352.</p> <p>Thence N.30°20'W.</p>
960.0	Center of road bears N.81°30'E., and S.81°30'W.
1500.0	<p>Cor. No. 1, and the place of beginning.</p> <p>CAMPBELL AND DENISON NO. 8 LODE</p> <p>At Cor. No. 1 of the Campbell and Denison No. 8 lode, identical with Cor. No. 4, Campbell and Denison No. 9 lode of this survey.</p> <p>Set a sandstone 31 x 12 x 4 ins., 16 ins. in the ground, mkd. X 1 C D 8, 4 C D 9 - 4352; from which</p> <p>The cor. of secs. 13, 14, 23, and 24, T. 11 N., R. 14 E., G. and S. R. B. and M., bears S.54°50'W., 675.08 ft. dist.; an iron post with brass cap, 2 ins. diam., 14 ins. above the ground, marked and witnessed as described in the official record.</p> <p>A pine, 26 ins. diam., bears S.7°40'E., 21.19 ft. dist., mkd. X B T 1 C D 8, 4 C D 9 - 4352.</p> <p>Thence N.30°20'W.</p>
1163.0	Center of road bears N.74°05'E., and S.74°05'W.
1500.0	<p>Cor. No. 2, identical with Cor. No. 3, Campbell and Denison No. 9, Cor. No. 1, Campbell and Denison Ext. No. 9, Cor. No. 2, Campbell and Denison Ext. No. 8, lodes of this survey.</p> <p>Set a sandstone 36 x 15 x 8 ins., 18 ins. in the ground, mkd. X 2 C D 8, 3 C D 9, 1 C D E 9, 2 C D E 8, - 4352; from which</p> <p>A pine, 20 ins. diam., bears S.65°02'W., 16.54 ft. dist., mkd. X B T 2 C D 8, 3 C D 9, 1 C D E 9, 2 C D E 8 - 4352.</p> <p>Thence N.59°40'E.</p>
300.0	Lode line; discovery point bears S.30°20'E., 1434 ft. dist.
520.0	Center of road bears N.12°45'W., and S.12°45'E.
600.0	<p>Cor. No. 3, identical with Cor. No. 1, Campbell and Denison Ext. No. 8, Cor. No. 1, Campbell and Denison Ext. No. 7, and Cor. No. 1, Campbell and Denison No. 7, lodes of this survey.</p> <p>Cor. No. 1, and the place of beginning.</p>

Feet	
	Thence S.30°20'E.
540.0	Center of road bears N.81°20'E., and S.81°20'W.
1500.0	Cor. No. 4, identical with Cor. No. 4, Campbell and Denison No. 7 lode of this survey.
	Thence S.59°40'W.
300.0	Lode line; discovery point bears N.30°20'W., 66 ft. dist.
600.0	Cor. No. 1, and the place of beginning.
	CAMPBELL AND DENISON NO. 9 LODE
	At Cor. No. 1, Campbell and Denison No. 9 lode.
	Set a sandstone 24 x 14 x 5 ins., 16 ins. in the ground, mkd. X 1 C D 9 - 4352; from which
	The cor. secs. 13, 14, 23, and 24, T. 11 N., R. 14 E., bear S.22°02'W., 9187 ft. dist., previously described.
	A pine, 24 ins. diam., bears S.41°34'W., 35.60 ft. dist., mkd. X B T 1 C D 9 - 4352.
	Thence N.30°20'W.
1311.0	Center of road bears N.74°05'E., and S.74°05'W.
1500.0	Cor. No. 2, identical with Cor. No. 1, Campbell and Denison No. 10, Cor. No. 2, Campbell and Denison Ext. No. 9 lodes of this survey.
	Set a sandstone 30 x 12 x 7 ins., 16 ins. in the ground, mkd X 2 C D 9, 1 C D 10, 2 C D E 9 - 4352; from which
	A pine, 14 ins. diam., bears S.52°03'W., 25.32 ft. dist., mkd. X B T 2 C D 9, 1 C D 10, 2 C D E 9 - 4352.
	Thence N.59°40'E.
300.0	Lode line; discovery point bears S.30°20'E., 1109 ft. dist.
600.0	Cor. No. 3, identical with Cor. No. 1, Campbell and Denison Ext. No. 9, Cor. No. 2, Campbell and Denison Ext. No. 8, and Cor. No. 2, Campbell and Denison No. 8, lodes of this survey.
	Thence S.30°20'E.
337.0	Center of road bears N.74°05'E., and S.74°05'W.
1500.0	Cor. No. 4, identical with Cor. No. 1, Campbell and Denison No. 8 lode of this survey.
	Thence S.59°40'W.
300.0	Lode line; discovery point bears N.30°20'W., 391.0 ft. dist.
600.0	Cor. No. 1, and the place of beginning.

Feet		Feet
	CAMPBELL AND DENISON NO. 12 LODE.	
	At Cor. No. 1, Campbell and Denison No. 12 lode.	
	Set a sandstone 24 x 14 x 5 ins., 16 ins. in the ground, mkd. X 1 C D 12, - 4352; from which	
	The 1/4 cor. bet. secs. 14 and 23, T. 11 N., R. 14 E., G. and S. R. B. and M., bears S.10°32'10"W., 836.03 ft. dist., an iron post, 3/4 ins. diam., 14 ins. above ground with a brass cap, marked and witnessed as described in the official record.	
	A pine, 18 ins. diam., bears S.65°18'E., 26.30 ft. dist., mkd. X B T 1 C D 12 - 4352.	
	Thence N.30°20'W.	
1500.0	Cor. No. 2.	
	Set a sandstone 24 x 16 x 5 ins., 16 ins. in the ground, mkd. X 2 C D 12 - 4352; from which	
	A pine, 16 ins. diam., bears S.65°23'W., 19.34 ft. dist., mkd. X B T 2 C D 12 - 4352.	
	Thence N.59°40'E.	
300.0	Lode line; discovery point bears S.30°20'E., 131.0 ft. dist.	
600.0	Cor. No. 3, identical with Cor. No. 2, Campbell and Denison No. 11 lode of this survey.	
	Set a sandstone 26 x 14 x 9 ins., 16 ins. in the ground, mkd. X 3 C D 12, 2 C D 11 - 4352; from which	
	A pine, 36 ins. diam., bears S.71°59'E., 47.46 ft. dist., mkd. X B T 3 C D 12, 2 C D 11 - 4352.	
	Thence S.30°20'E.	
285.0	Center of road bears N.31°40'E., and S.31°40'W.	
1500.0	Cor. No. 4, identical with Cor. No. 1, Campbell and Denison No. 11 lode of this survey.	
	Set a sandstone 24 x 13 x 5 ins., 16 ins. in the ground, mkd. X 4 C D 12, 1 C D 11 - 4352; from which	
	A pine, 26 ins. diam., bears S.76°40'E., 39.40 ft. dist., mkd. X B T 4 C D 12, 1 C D 11, - 4352.	
	Thence S.59°40'W.	
93.0	Center of road bears N.25°30'W., and S.25°30'E.	
300.0	Lode line; discovery point bears N.30°20'W., 1369.0 ft. dist.	
600.0	Cor. No. 1, and the place of beginning.	

Feet	
	<b>CAMPBELL AND DENISON NO. 11 LODE</b>
	Beginning at Cor. No. 1, Campbell and Denison No. 11 lode, identical with Cor. No. 4, Campbell and Denison No. 12 lode of this survey; from which
	The 1/4 cor. bet. secs. 14 and 23, T. 11 N., R. 14 E., bears S. 30°48'20"W., 1309.74 ft. dist., previously described.
	Thence N. 30°20'W.
1215.0	Center of road bears N. 31°40'E., and S. 31°40'W.
1500.0	Cor. No. 2, identical with Cor. No. 3, Campbell and Denison No. 12 lode of this survey.
	Thence N. 59°40'E.
300.0	Lode line; discovery point bears S. 30°20'E., 85.0 ft. dist.
600.0	Cor. No. 3.
	Set a sandstone 27 x 12 x 8-ins., 16 ins. in the ground, mkd. X 3 C D 11, # 4352; from which
	A pine, 18 ins. diam., bears N. 8°00'E., 19.30 ft. dist., mkd. X B T 3 C D 11 - 4352.
	Thence S. 30°20'E.
400.0	Cor. No. 3, Campbell and Denison No. 10 lode of this survey.
1500.0	Cor. No. 4.
	On line 2-3, Campbell and Denison No. 10 lode of this survey.
	Set a sandstone 31 x 12 x 9 ins., 16 ins. in the ground, mkd. X 4 C D 11 - 4352; from which
	A pine, 24 ins. diam., S. 82°48'E., 47.59 ft. dist., mkd. X B T 4 C D 11 - 4352.
	Thence S. 59°40'W.
300.0	Lode line; discovery point bears N. 30°20'W., 1415 ft. dist.
600.0	Cor. No. 1, and the place of beginning.
	<b>CAMPBELL AND DENISON NO. 10 LODE.</b>
	Beginning at Cor. No. 1, Campbell and Denison No. 10 lode, identical with Cor. No. 2, Campbell and Denison Ext. No. 9, Cor. No. 2, Campbell and Denison No. 9 lodes of this survey; from which
	The 1/4 cor. bet. secs. 13 and 14, T. 11 N., R. 14 E., bears N. 30°01'15"E., 1451.68 ft. dist., previously described.
	Thence S. 59°40'W.
300.0	Lode line; discovery point bears N. 30°20'W., 1404 ft. dist.

Feet	
600.0	<p>Cor. No. 2.</p> <p>Set a sandstone 30 x 16 x 8 ins., 16 ins. in the ground, mkd. X 2 C D 10 - 4352; from which</p> <p>A pine, 16 ins. diam., bears N.62°46'W., 20.80 ft. dist., mkd. X B T 2 C D 10 - 4352.</p> <p>Thence N.30°20'W.</p>
400.0	<p>Cor. No. 4, Campbell and Denison No. 11 lode of this survey.</p>
1500.0	<p>Cor. No. 3.</p> <p>On line 3-4, Campbell and Denison No. 11 lode of this survey.</p> <p>Set a sandstone 31 x 12 x 9 ins., 16 ins. in the ground, mkd. X 3 C D 10 - 4352; from which</p> <p>A pine, 30 ins. diam., bears S.34°46'E., 15.56 ft. dist., mkd. X B T 3 C D 10 - 4352.</p> <p>Thence N.59°40'E.</p>
300.0	<p>Lode line; discovery point bears S.30°20'E., 96.0 ft. dist.</p>
600.0	<p>Cor. No. 4, identical with Cor. No. 3, Campbell and Denison Ext. No. 9 lode of this survey.</p> <p>Set a sandstone 27 x 12 x 6 ins., 16 ins. in the ground, mkd. X 4 C D 10, 3 C D E 9, - 4352; from which</p> <p>A pine, 24 ins. diam., bears S.59°17'E., 54.48 ft. dist., mkd. X B T 4 C D 10, 3 C D E 9 - 4352.</p> <p>Thence S.30°20'E.</p>
1500.0	<p>Cor. No. 1, and the place of beginning.</p> <p><b>CAMPBELL AND DENISON EXT. NO. 9 LODE</b></p> <p>Beginning at Cor. No. 1, Campbell and Denison Ext. No. 9 lode, identical with Cor. No. 2, Campbell and Denison Ext. No. 8, Cor. No. 2, Campbell and Denison No. 8, Cor. No. 3, Campbell and Denison No. 9 lodes of this survey; from which</p> <p>The 1/4 cor. bet. secs. 13 and 14, T. 11 N., R. 14 E., bears N.12°19'30"E., 976.42 ft. dist., previously described.</p> <p>Thence S.59°40'W.</p>
300.0	<p>Lode line; discovery point bears N.30°20'W., 1174.0 ft. dist.</p>
600.0	<p>Cor. No. 2, identical with Cor. No. 2, Campbell and Denison No. 9, Cor. No. 1, Campbell and Denison No. 10 lodes of this survey.</p> <p>Thence N.30°20'W.</p>
1500.0	<p>Cor. No. 3, identical with Cor. No. 4, Campbell and Denison No. 10 lode of this survey.</p>

Feet	Thence N.59°40'E.
300.0	Lode line; discovery point bears S.30°20'E., 326 ft. dist.
600.0	Cor. No. 4, identical with Cor. No. 3, Campbell and Denison Ext. No. 8 lode of this survey.
	Set a sandstone 24 x 15 x 6 ins., 16 ins. in the ground, mkd. X 4 C D E 9, 3 C D E 8 - 4352; from which
	A pine, 16 ins. diam., bears S.67°25'E., 7.73 ft. dist., mkd. X B T 4 C D E 9, 3 C D E 8 - 4352.
	Thence S.30°20'E.
1500.0	Cor. No. 1, and the place of beginning.
	CAMPBELL AND DENISON EXT. NO. 8 LODE
	Beginning at Cor. No. 1 of Campbell and Denison Ext. No. 8 lode, identical with Cor. No. 1, Campbell and Denison Ext. No. 7, Cor. No. 1, Campbell and Denison No. 7, Cor. No. 3, Campbell and Denison No. 8 lodes of this survey.
	Thence S.59°40'W.
80.0	Center of road bears N.12°45'W., and S.12°45'E.
300.0	Lode line; discovery point bears N.30°20'W., 1399.0 ft. dist.
600.0	Cor. No. 2, identical with Cor. No. 2, Campbell and Denison No. 8, Cor. No. 3, Campbell and Denison No. 9, Cor. No. 1, Campbell and Denison Ext. No. 9 lodes of this survey.
	Thence N.30°20'W.
1500.0	Cor. No. 3, identical with Cor. No. 4, Campbell and Denison Ext. No. 9 lode of this survey.
	Thence N.59°40'E.
300.0	Lode line; discovery point bears S.30°20'E., 101.0 ft. dist.
600.0	Cor. No. 4, identical with Cor. No. 2, Campbell and Denison Ext. No. 7 lode of this survey.
	Set a sandstone 31 x 12 x 8 ins., 16 ins. in the ground, mkd. X 4 C D E 8, 2 C D E 7 - 4352; from which
	A pine, 14 ins. diam., bears S.82°08'W., 19.74 ft. dist., mkd. X B T 4 C D E 8, 2 C D E 7 - 4352.
	Thence S.30°20'E.
1357.0	Center of road bears N.15°40'E., and S.15°40'W.
1500.0	Cor. No. 1, and the place of beginning.
	CAMPBELL AND DENISON EXT. NO. 7 LODE
	Beginning at Cor. No. 1 of the Campbell and Denison Ext. No. 7 lode, identical with Cor. No. 1, Campbell and Denison No. 7,

Feet	
	Cor. No. 3, Campbell and Denison No. 8, Cor. No. 1, Campbell and Denison Ext. No. 8 lodes of this survey. Thence N.30°20'W.
143.0	Center of road, bears N.15°40'E., and S.15°40'W.
1500.0	Cor. No. 2, identical with Cor. No. 4, Campbell and Denison Ext. No. 8 lode of this survey. Thence N.59°40'E.
300.0	Lode line; discovery point bears S.30°20'E., 521.0 ft. dist.
535.0	Center of road, bears N.30°00'W., and S.30°00'E.
600.0	Cor. No. 3, identical with Cor. No. 2, Campbell and Denison Ext. No. 6 lode of this survey. Set a sandstone 24 x 14 x 9 ins., 16 ins. in the ground, mkd. X - 3 C D E 7, 2 C D E 6 - 4352; from which A pine, 18 ins. diam., bears S.56°00'W., 12.18 ft. dist., mkd. X B T 3 C D E 7, 2 C D E 6 - 4352. Thence S.30°20'E.
1500.0	Cor. No. 4, identical with Cor. No. 1, Campbell and Denison Ext. No. 6, Cor. No. 1, Campbell and Denison No. 6, Cor. No. 2, Campbell and Denison No. 7 lodes of this survey. Thence S.59°40'W.
300.0	Lode line; discovery point bears N.30°20'W., 979.0 ft. dist.
600.0	Cor. No. 1, and the place of beginning. CAMPBELL AND DENISON EXT. NO. 6 LODGE Beginning at Cor. No. 1, of the Campbell and Denison Ext. No. 6, lode, identical with Cor. No. 1, Campbell and Denison No. 6, Cor. No. 2, Campbell and Denison No. 7, Cor. No. 4, Campbell and Denison Ext. No. 7 lodes of this survey. Thence N.30°20'W
1500.0	Cor. No. 2, identical with Cor. No. 3, Campbell and Denison Ext. No. 7 lode of this survey. Thence N.59°40'E.
300.0	Lode line; discovery point bears S.30°20'E., 97 ft. dist.
600.0	Cor. No. 3, identical with Cor. No. 2, Campbell and Denison Ext. No. 5 lode of this survey. Set a sandstone 28 x 14 x 8 ins., 16 ins. in the ground, mkd. X 3 C D E 6, 2 C D E 5 - 4352; from which A pine, 30 ins. diam., bears S.46°00'E., 30.0 ft. dist., mkd. X B T 3 C D E 6, 2 C D E 5 - 4352.

Feet	
1500.0	<p>Thence S.30°20'E.</p> <p>Cor. No. 4, identical with Cor. No. 1, Campbell and Denison Ext. No. 5, Cor. No. 1, Campbell and Denison No. 5, Cor. No. 2, Campbell and Denison No. 6 lodes of this survey.</p> <p>Thence S.59°40'W,</p>
300.0	Lode line; discovery point bears N.30°20'W., 1403.0 ft. dist.
600.0	Cor. No. 1, and the place of beginning.
	CAMPBELL AND DENISON EXT. NO. 5 LODE
	<p>Beginning at Cor. No. 1, Campbell and Denison Ext. No. 5, identical with Cor. No. 1, Campbell and Denison No. 5, Cor. No. 2, Campbell and Denison No. 6, Cor. No. 4, Campbell and Denison Ext. No. 6 lodes of this survey.</p> <p>Thence N.30°20'W.</p>
1500.0	Cor. No. 2, identical with Cor. No. 3, Campbell and Denison Ext. No. 6 lode of this survey.
	Thence N.59°40'E.
300.0	Lode line; identical with Cor. No. 4, Campbell and Denison No. 15 lode of this survey; discovery point bears S.30°20'E., 346.0 ft. dist.
600.0	Cor. No. 3, on lode line Campbell and Denison No. 15 lode of this survey.
	On line 3-4 Campbell and Denison No. 15 lode.
	Set a sandstone 25 x 13 x 5 ins., 16 ins. in the ground, mkd. X 3 C D E 5 - 4352; from which
	A pine, 16 ins. diam., bears S.73°36'E., 27.5 ft. dist., mkd. X B T 3 C D E 5 - 4352.
	Thence S.30°20'E.
1500.0	Cor. No. 4, identical with Cor. No. 2, Campbell and Denison No. 4, Cor. No. 2, Campbell and Denison No. 5 lodes of this survey.
	Thence S.59°40'W.
300.0	Lode line; discovery point bears N.30°20'W., 1154 ft. dist.
600.0	Cor. No. 1, and the place of beginning.
	CAMPBELL AND DENISON NO. 15 LODE
	Beginning at Cor. No. 1, Campbell and Denison No. 15 lode.
	On line 1-2, Campbell and Denison No. 14 lode of this survey.
	Set a sandstone 25 x 16 x 8 ins., 16 ins. in the ground, mkd. X 1 C D 15 - 4352; from which



Feet	
	<p>The cor. of secs. 11, 12, 13, and 14, T. 11 N., R. 14 E., G. and S. R. B. and M., bears S.55°57'W., 106.16 ft. dist., an iron post 2 ins. diam., 24 ins. above ground, surrounded by a mound of stones to top, with a brass cap, marked and witnessed as described in the official record.</p> <p>A pine, 16 ins. diam., bears N.75°46'W., 37.95 ft. dist., mkd. X B T 1 C D 15 - 4352.</p> <p>Thence N.59°40'E.</p>
300.0	Lode line; discovery point bears S.30°20'E., 315 ft. dist.
600.0	Cor. No. 2.
	<p>Set a sandstone 24 x 18 x 10 ins., 16 ins. in the ground, mkd. X 2 C D 15 - 4352; from which</p> <p>A pine, 18 ins. diam., bears N.83°39'W., 10.28 ft. dist., mkd. X B T 2 C D 15 - 4352.</p> <p>Thence S.30°20'E.</p>
1500.0	Cor. No. 3.
	<p>Set a sandstone 24 x 12 x 5 ins., 16 ins. in the ground, mkd. X 3 C D 15 - 4352; from which</p> <p>A pine, 26 ins. diam., bears N.16°26'E., 16.7 ft. dist., mkd. X B T 3 C D 15 - 4352.</p> <p>Thence S.59°40'W.</p>
300.0	Lode line; identical with Cor. No. 3, Campbell and Denison Ext. No. 5 lode of this survey; discovery point bears N.30°20'W., 1185. ft. dist.
600.0	Cor. No. 4.
	<p>On line 2-3, Campbell and Denison Ext. No. 5 lode of this survey.</p> <p>Set a sandstone 24 x 16 x 8 ins., 16 ins. in the ground, mkd. X 4 C D 15 - 4352; from which</p> <p>A pine, 18 ins. diam., bears N.86°20'W., 28.5 ft. dist., mkd. X B T 4 C D 15 - 4352.</p> <p>Thence N.30°20'W.</p>
600.0	Cor. No. 2, Campbell and Denison No. 14 lode of this survey.
1500.0	Cor. No. 1, and the place of beginning.
	<p>CAMPBELL AND DENISON NO. 14 LODE</p> <p>At Cor. No. 1, of the Campbell and Denison No. 14 lode.</p> <p>Set a sandstone 26 x 14 x 8 ins., 16 ins. in the ground, mkd. X 1 C D 14 - 4352; from which</p> <p>The cor. of secs. 11, 12, 13, and 14, T. 11 N., R. 14 E., bears S.20°25'55"E., 616.06 ft. dist., previously described.</p>

Feet	
	<p>A pine, 16 ins. diam., bears S.47°52'W., 55.75 ft. dist., mkd. X B T 1 C D 14 - 4352.</p> <p>Thence S.30°20'E.</p>
600.0	Cor. No. 1, Campbell and Denison No. 15 lode of this survey.
1500.0	<p>Cor. No. 2.</p> <p>On line 4-1, Campbell and Denison No. 15 lode of this survey.</p> <p>Set a sandstone 26 x 13 x 8 ins., 12 ins. in the ground to bedrock, surrounded by a mound of stones, mkd. X 2 C D 14 - 4352; from which</p> <p>A pine, 18 ins. diam., bears N.88°42'E., 8.2 ft. dist., mkd. X B T 2 C D 14 - 4352.</p> <p>Thence S.59°40'W.</p>
300.0	Lode line; discovery point bears N.30°20'W., 70 ft. dist.
600.0	<p>Cor. No. 3.</p> <p>Set a sandstone 30 x 18 x 6 ins., 16 ins. in the ground, mkd. X 3 C D 14 - 4352; from which</p> <p>A pine, 30 ins. diam., bears S.51°00'W., 9.58 ft. dist., mkd. X B T 3 C D 14 - 4352.</p> <p>Thence N.30°20'W.</p>
1200.0	Cor. No. 1, Campbell and Denison No. 13 lode of this survey.
1500.0	<p>Cor. No. 4.</p> <p>On line 4-1, Campbell and Denison No. 13 lode of this survey.</p> <p>Set a sandstone 30 x 13 x 6 ins., 16 ins. in the ground, mkd. X 4 C D 14 - 4352; from which</p> <p>A pine, 14 ins. diam., bears S.67°10'W., 42.02 ft. dist., mkd. X B T 4 C D 14 - 4352.</p> <p>Thence N.59°40'E.</p>
300.0	Lode line; discovery point bears S.30°20'E., 1430.0 ft. dist.
600.0	<p>Cor. No. 1, and the place of beginning.</p> <p>CAMPBELL AND DENISON NO. 13 LODE</p> <p>At Cor. No. 1, Campbell and Denison No. 13 lode.</p> <p>On line 3-4, Campbell and Denison No. 14 lode of this survey.</p> <p>Set a sandstone 30 x 16 x 4 ins., 16 ins. in the ground, mkd. X 1 C D 13 - 4352; from which</p> <p>The cor. of secs. 11, 12, 13, and 14, T. 11 N., R. 14 E., bears S.88°29'10"E., 581.61 ft. dist., previously described.</p>

Feet	A pine, 32 ins. diam., bears S.56°31'W., 30.9 ft. dist., mkd. X B T 1 C D 13 - 4352. Thence S.59°40'W.
300.0	Lode line; discovery point bears N.30°20'W., 104.0 ft. dist.
317.0	Center of road, bears North and South.
600.0	Cor. No. 2. Set a sandstone 32 x 10 x 6 ins., 16 ins. in the ground, mkd. X 2 C D 13 - 4352; from which A pine, 30 ins. diam., bears N.84°39'W., 49.25 ft. dist., mkd. X B T 2 C D 13 - 4352. Thence N.30°20'W.
1500.0	Cor. No. 3. Set a sandstone 24 x 8 x 8 ins., 16 ins. in the ground, mkd. X 3 C B 13 - 4352; from which A pine, 14 ins. diam., bears S.79°45'W., 20.77 ft. dist., mkd. X B T 3 C D 13 - 4352. Thence N.59°40'E.
300.0	Lode line; discovery point bears S.30°20'E., 1396.0 ft. dist.
470.0	Center of road, bears S.18°20'E., and N.18°20'W.
600.0	Cor. No. 4. Set a sandstone 30 x 13 x 8 ins., 16 ins. in the ground, mkd. X 4 C D 13 - 4352; from which A pine, 24 ins. diam., bears S.27°20'E., 15.45 ft. dist., mkd. X B T 4 C D 13 - 4352. Thence S.30°20'E.
1066.0	Center of road, bears N.12°40'E., and S.12°40'W.
1200.0	Cor. No. 4, Campbell and Denison No. 14 lode of this survey.
1500.0	Cor. No. 1, and the place of beginning.

## Survey No. 4352

## AREAS

	Acres
Total area, Campbell and Denison No. 1 lode	20.661
Total area, Campbell and Denison No. 2 lode	20.661
Total area, Campbell and Denison No. 3 lode	20.661
Total area, Campbell and Denison No. 4 lode	20.661
Total area, Campbell and Denison No. 5 lode	20.661
Total area, Campbell and Denison No. 6 lode	20.661
Total area, Campbell and Denison No. 7 lode	20.661
Total area, Campbell and Denison No. 8 lode	20.661

	Acres
Total area, Campbell and Denison No. 9 lode	20.661
Total area, Campbell and Denison No. 12 lode	20.661
Total area, Campbell and Denison No. 11 lode	20.661
Total area, Campbell and Denison No. 10 lode	20.661
Total area, Campbell and Denison Ext. No. 9 lode	20.661
Total area, Campbell and Denison Ext. No. 8 lode	20.661
Total area, Campbell and Denison Ext. No. 7 lode	20.661
Total area, Campbell and Denison Ext. No. 6 lode	20.661
Total area, Campbell and Denison Ext. No. 5 lode	20.661
Total area, Campbell and Denison No. 15 lode	20.661
Total area, Campbell and Denison No. 14 lode	20.661
Total area, Campbell and Denison No. 13 lode	20.661

## LOCATION

This survey is located in the NW $\frac{1}{4}$ , NE $\frac{1}{4}$ , SE $\frac{1}{4}$ , and SW $\frac{1}{4}$  sec. 13, SW $\frac{1}{4}$  sec. 12, SE $\frac{1}{4}$  sec. 11, NE $\frac{1}{4}$ , SE $\frac{1}{4}$ , and SW $\frac{1}{4}$  sec. 14, T. 11 N., R. 14 E., G. and S. R. B. and M., within the Sitgreaves National Forest.

The surveys of all lodes are identical with the locations ~~notices~~ as marked on the ground. The location monuments, all mounds of stone, 3 ft. base by 3 ft. high, were rebuilt alongside at the four corners of each claim.

## 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 her grantors are as follows:

- ✓ No. 1. Point of Discovery, Campbell and Denison No. 1 lode, No Value.
- ✓ No. 2. A trench, the south end of which bears S.59°40'W., 275 ft. from Cor. No. 1, Campbell and Denison No. 1 lode; 13 ft. wide, 4.8 ft. deep, running N.50°00'W., 33 ft.  
Value, \$180.
- No. 3. A trench, the south end of which bears S.59°40'W., 60 ft. from Cor. No. 1, Campbell and Denison No. 1 lode; 13 ft. wide, 1.5 ft. deep, running N.58°30'W., 14 ft.  
Value, \$25.
- ✓ No. 4. A trench, the south end of which bears S.59°40'W., 18 ft. dist. from Cor. No. 1, Campbell and Denison No. 1 lode; 11 ft. wide, 3.3 ft. deep, running N.1°00'W., 32 ft.  
Value, \$100.
- No. 5. A trench, the west end of which bears N.30°20'W., 567 ft. from Cor. No. 2, Campbell and Denison No. 1 lode; 12 ft. wide, 1 ft. deep, running S.70°00'E., 70 ft.  
Value, \$75.
- ✓ No. 6. A trench, the west end of which bears N.59°40'E., 40 ft. from Cor. No. 3, Campbell and Denison No. 1 lode; 13 ft. wide, 3 ft. deep, running S.80°00'E., 25 ft.  
Value, \$90.
- ✓ No. 7. A trench, the west end of which bears N.24°58'W., 490 ft. from Cor. No. 2, Campbell and Denison No. 1 lode; 12 ft. wide, 3 ft. deep, running N.56°10'E., 80 ft.  
Value, \$200.

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|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No. 8.  | A trench, the south end of which bears N.7°52'W., 645 ft. from Cor. No. 2, Campbell and Denison No. 1 lode; 12 ft. wide, .5 ft. deep, running N.38°00'W., 60 ft.<br>Value, \$35.     |
| No. 9.  | A trench, the west end of which bears N.43°41'W., 450 ft. from Cor. No. 1, Campbell and Denison No. 1 lode; 11 ft. wide, 1.25 ft. deep, running N.74°30'E., 108 ft.<br>Value, \$125. |
| No. 1   | Point of discovery, Campbell and Denison No. 2 lode. No value.                                                                                                                       |
| No. 2.  | A trench, the north end of which bears S.1°47'E., 590 ft. from Cor. No. 4, Campbell and Denison No. 2 lode; 14 ft. wide, 3.5 ft. deep, running S.27°W., 100 ft.<br>Value, \$400.     |
| No. 3.  | A trench, the south end of which bears N.55°15'W., 280 ft. from Cor. No. 1, Campbell and Denison No. 2 lode; 12 ft. wide, 2 ft. deep, running N.10°00'E., 60 ft.<br>Value, \$125.    |
| No. 4.  | A trench, the west end of which bears N.24°10'E., 310 ft. from Cor. No. 2, Campbell and Denison No. 2 lode; 12 ft. wide, 1.25 ft. deep, running N.46°00'E., 50 ft.<br>Value, \$70.   |
| No. 5.  | A trench, the west end of which bears N.30°20'W., 420 ft. from Cor. No. 2, Campbell and Denison No. 2 lode; 11 ft. wide, 1 ft. deep, running N.30°00'E., 20 ft.<br>Value, \$25.      |
| No. 6.  | A trench, the north end of which bears S.23°09'E., 925 ft. from Cor. No. 4, Campbell and Denison No. 2 lode; 12 ft. wide, 1 ft. deep, running S.20°00'E., 100 ft.<br>Value, \$100.   |
| No. 7.  | A trench, the north end of which bears S.23°09'E., 925 ft. from Cor. No. 4, Campbell and Denison No. 2 lode; 12 ft. wide, 1.8 ft. deep, running S.55°00'E., 90 ft.<br>Value, \$150.  |
| No. 8.  | A trench, the north end of which bears S.27°07'E., 750 ft. from Cor. No. 4, Campbell and Denison No. 2 lode; 12 ft. wide, 1 ft. deep, running S.5°00'W., 78 ft.<br>Value, \$85.      |
| No. 9.  | A trench, the west end of which bears N.13°34'W., 870 ft. from Cor. No. 2, Campbell and Denison No. 2 lode; 12 ft. wide, 1.5 ft. deep, running N.70°00'E., 120 ft.<br>Value, \$200.  |
| No. 10. | A trench, the west end of which bears N.13°34'W., 870 ft. from Cor. No. 2, Campbell and Denison No. 2 lode; 12 ft. wide, 1.5 ft. deep, running N.35°00'E., 80 ft.<br>Value, \$125.   |
| No. 11. | A trench, the south end of which bears N.62°28'W., 178 ft. from Cor. No. 1, Campbell and Denison No. 2 lode; 14 ft. wide, 3 ft. deep, running N.70°W., 30 ft.<br>Value, \$100.       |
| No. 12. | A trench, the west end of which bears S.49°47'E., 455 ft. from Cor. No. 3, Campbell and Denison No. 2 lode; 12 ft. wide, 3 ft. deep, running N.88°00'E., 85 ft.<br>Value, \$250.     |

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- ✓ No. 13. A trench, the south end of which bears S.53°50'E., 490 ft. from Cor. No. 3, Campbell and Denison No. 2 lode; 12 ft. wide, 1.5 ft. deep, running N.25°00'E., 80 ft.  
Value, \$125.
- ✓ No. 14. A shaft, the center of which bears N.12°45'W., 810 ft. from Cor. No. 2, Campbell and Denison No. 2 lode; 4 x 4 ft., 6 ft. deep.  
Value, \$50.
- No. 15. A shaft, the center of which bears N.12°45'W., 850 ft. from Cor. No. 2, Campbell and Denison No. 2 lode; 12 x 12 ft., 3 ft. deep.  
Value, \$50.
- ✓ No. 1. Point of discovery, Campbell and Denison No. 3 lode. No value.
- ✓ No. 2. A trench, the east end of which bears S.40°06'W., 285 ft. from Cor. No. 4, Campbell and Denison No. 3 lode; 12 ft. wide, 4 ft. deep, running west 80 ft.  
Value, \$300.
- ✓ No. 3. A trench, the south end of which bears N.47°02'W., 550 ft. from Cor. No. 1, Campbell and Denison No. 3 lode; 11 ft. wide, 2 ft. deep, running N.32°00'W., 70 ft.  
Value, \$140.
- ✓ No. 4. A trench, the north end of which bears S.17°22'E., 570 ft. from Cor. No. 4, Campbell and Denison No. 3 lode; 18 ft. wide, 2 ft. deep, running S.45°00'E., 60 ft.  
Value, \$200.
- ✓ No. 5. A trench, the north end of which bears N.30°20'W., 591.45 ft. from Cor. No. 1, Campbell and Denison No. 3 lode; 11 ft. wide, 1 ft. deep, running S.30°00'W., 80 ft.  
Value, \$80.
- ✓ No. 1. Point of discovery, Campbell and Denison No. 4 lode. No value.
- ✓ No. 2. A trench, the west end of which bears S.80°38'E., 347 ft. from Cor. No. 2, Campbell and Denison No. 4 lode; 12 ft. wide, 4 ft. deep, running S.80°00'E., 95 ft.  
Value, \$300.
- ✓ No. 3. A trench, the west end of which bears S.47°07'E., 478 ft. from Cor. No. 2, Campbell and Denison No. 4 lode; 13 ft. wide, 3 ft. deep, running S.70°E., 75 ft.  
Value, \$250.
- ✓ No. 4. A trench, the east end of which bears S.6°30'E., 630 ft. from Cor. No. 3, Campbell and Denison No. 4 lode; 13 ft. wide, 1.5 ft. deep, running S.70°00'W., 95 ft.  
Value, \$170.
- ✓ No. 5. A trench, the south end of which bears N.24°54'W., 635 ft. from Cor. No. 1, Campbell and Denison No. 4 lode; 12 ft. wide, 3 ft. deep, running N.55°00'W., 60 ft.  
Value, \$200.
- ✓ No. 1. Point of discovery, Campbell and Denison No. 5 lode. No value.
- ✓ No. 2. A trench, the west end of which bears N.29°04'E., 335 ft. from Cor. No. 4, Campbell and Denison No. 5 lode; 12 ft. wide, 5 ft. deep, running N.55°00'E., 85 ft.  
Value, \$300.
- ✓ No. 3. A trench, the south end of which bears N.72°10'W., 215 ft. from Cor. No. 3, Campbell and Denison No. 5 lode; 12 ft. wide, 3.5 ft. deep, running N.1°00'W., 96 ft.  
Value, \$300.

- No. 4. A trench, the south end of which bears N.16°34'W., 830 ft. from Cor. No. 4, Campbell and Denison No. 5 lode; 12 ft. wide, 1.5 ft. deep, running N.30°00'E., 70 ft.  
Value, \$125.
- No. 5. A trench, the west end of which bears S.37°34'E., 555 ft. from Cor. No. 1, Campbell and Denison No. 5 lode; 12 ft. wide, 1.5 ft. deep, running S.75°00'E., 70 ft.  
Value, \$100.
- No. 6. A trench, the north end of which bears S.50°22'E., 536 ft. from Cor. No. 1, Campbell and Denison No. 5 lode; 12 ft. wide, 2.5 ft. deep, running S.38°00'W., 60 ft.  
Value, \$160.
- No. 7. A trench, the north end of which bears S.59°10'E., 538 ft. from Cor. No. 1, Campbell and Denison No. 5 lode; 12 ft. wide, 2 ft. deep, running S.38°00'W., 70 ft.  
Value, \$150.
- No. 8. A trench, the east end of which bears S.1°30'W., 262 ft. from Cor. No. 2, Campbell and Denison No. 5 lode; 12 ft. wide, 1.5 ft. deep, running S.63°30'W., 56 ft.  
Value, \$80.
- No. 9. A mined area, the center of which bears S.2°30'E., 680 ft. from Cor. No. 2, Campbell and Denison No. 5 lode; 40 ft. diam., 1 ft. deep.  
Value, \$200.
- No. 10. A hole, the center of which bears S.31°38'E., 478 ft. from Cor. No. 1, Campbell and Denison No. 5 lode; 8 ft. diam., 4 ft. deep.  
Value, \$25.
- No. 1. Point of discovery, Campbell and Denison No. 6 lode. No value.
- No. 2. A trench, the south end of which bears S.67°43'W., 290 ft. from Cor. No. 3, Campbell and Denison No. 6 lode; 12 ft. wide, 3 ft. deep, running N.45°00'W., 105 ft.  
Value, \$300.
- No. 3. A trench, the west end of which bears N.25°00'E., 28 ft. from Cor. No. 4, Campbell and Denison No. 6 lode; 12 ft. wide, .5 ft. deep, running N.75°00'E., 35 ft.  
Value, \$25.
- No. 4. A trench, the south end of which bears N.59°40'E., 28 ft. from Cor. No. 4, Campbell and Denison No. 6 lode; 12 ft. wide, 1 ft. deep, running N.55°00'W., 60 ft.  
Value, \$50.
- No. 5. A trench, the south end of which bears N.6°00'E., 82 ft. from Cor. No. 4, Campbell and Denison No. 6 lode; 12 ft. wide, .5 ft. deep, running N.10°00'E., 110 ft.  
Value, \$50.
- No. 6. A trench, the north end of which bears S.27°43'E., 665 ft. from Cor. No. 2, Campbell and Denison No. 6 lode; 16 ft. wide, 2.2 ft. deep, running S.50°00'E., 40 ft.  
Value, \$100.
- No. 7. A trench, the north end of which bears S.21°34'E., 625 ft. from Cor. No. 2, Campbell and Denison No. 6 lode; 12 ft. wide, 3 ft. deep, running S.50°00'E., 70 ft.  
Value, \$200.

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|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No. 1.  | Point of discovery, Campbell and Denison No. 7 lode. No value.                                                                                                                       |
| No. 2.  | A trench, the north end of which bears S.70°40'W., 275 ft. from Cor. No. 3, Campbell and Denison No. 7 lode; 12 ft. wide, 4 ft. deep, running S.40°00'W., 90 ft.<br>Value, \$300.    |
| No. 3.  | A trench, the south end of which bears N.37°00'E., 15 ft. from Cor. No. 4, Campbell and Denison No. 7 lode; 12 ft. wide, .5 ft. deep, running N.20°00'W., 80 ft.<br>Value, \$40.     |
| No. 4.  | A trench, the north end of which bears N.43°24'W., 130 ft. from Cor. No. 3, Campbell and Denison No. 7 lode; 12 ft. wide, 1 ft. deep, running S.12°00'W., 125 ft.<br>Value, \$125.   |
| No. 5.  | A trench, the south end of which bears N.43°24'W., 130 ft. from Cor. No. 3, Campbell and Denison No. 7 lode; 12 ft. wide, 1 ft. deep, running N.10°00'W., 70 ft.<br>Value, \$75.     |
| No. 6.  | A trench, the north end of which bears N.34°15'E., 440 ft. from Cor. No. 4, Campbell and Denison No. 7 lode; 12 ft. wide, .5 ft. deep, running S.50°00'E., 97 ft.<br>Value, \$50.    |
| No. 7.  | A trench, the south end of which bears N.34°15'E., 440 ft. from Cor. No. 4, Campbell and Denison No. 7 lode; 12 ft. wide, 3 ft. deep, running N.30°00'E., 84 ft.<br>Value, \$250.    |
| No. 8.  | A trench, the north end of which bears S.16°07'E., 1,240 ft. from Cor. No. 2, Campbell and Denison No. 7 lode; 12 ft. wide, .5 ft. deep, running S.20°00'W., 80 ft.<br>Value, \$35.  |
| No. 9.  | A trench, the west end of which bears S.19°13'E., 1,175 ft. from Cor. No. 2, Campbell and Denison No. 7 lode; 12 ft. wide, 2.5 ft. deep, running N.85°00'E., 80 ft.<br>Value, \$200. |
| No. 10. | A trench, the west end of which bears S.25°35'E., 870 ft. from Cor. No. 2, Campbell and Denison No. 7 lode; 12 ft. wide, 2.5 ft. deep, running S.82°30'E., 50 ft.<br>Value, \$125.   |
| No. 11. | A trench, the west end of which bears S.47°00'E., 720 ft. from Cor. No. 1, Campbell and Denison No. 7 lode; 12 ft. wide, 1.5 ft. deep, running S.70°00'E., 90 ft.<br>Value, \$150.   |
| No. 12. | A trench, the west end of which bears S.34°35'E., 690 ft. from Cor. No. 1, Campbell and Denison No. 7 lode; 12 ft. wide, 1.5 ft. deep, running N.62°00'E., 50 ft.<br>Value, \$80.    |
| No. 13. | A trench, the north end of which bears N.30°20'W., 1,070 ft. from Cor. No. 4, Campbell and Denison No. 7 lode; 11 ft. wide, 1 ft. deep, running S.46°00'E., 30 ft.<br>Value, \$25.   |
| No. 14. | A trench, the north end of which bears S.62°12'E., 515 ft. from Cor. No. 1, Campbell and Denison No. 7 lode; 12 ft. wide, 1 ft. deep, running S.30°E., 80 ft.<br>Value, \$75.        |



- ✓ No. 15. A hole, the center of which bears S.46°25'E., 765 ft. from Cor. No. 1, Campbell and Denison No. 7 lode; 6 ft. diam., 3 ft. deep. Value, \$25.
- ✓ No. 1. Point of discovery, Campbell and Denison No. 8 lode. No value.
- ✓ No. 2. A trench, the west end of which bears N.50°38'E., 271 ft. from Cor. No. 1, Campbell and Denison No. 8 lode; 12 ft. wide, 3 ft. deep, running N.46°E., 70 ft. Value, \$200.
- ✓ No. 3. A trench, the north end of which bears S.7°15'E., 622 ft. from Cor. No. 3, Campbell and Denison No. 8 lode; 12 ft. wide, 1.5 ft. deep, running S.14°45'E., 55 ft. Value, \$50.
- ✓ No. 4. A trench, the north end of which bears S.22°04'E., 426 ft. from Cor. No. 3, Campbell and Denison No. 8 lode; 13 ft. wide, 3 ft. deep, running S.12°20'E., 40 ft. Value, \$150.
- ✓ No. 5. A trench, the south end of which bears N.30°20'W., 1,070 ft. from Cor. No. 4, Campbell and Denison No. 8 lode; 12 ft. wide, 1 ft. deep, running N.46°00'W., 50 ft. Value, \$50.
- ✓ No. 6. A trench, the north end of which bears N.41°30'W., 745 ft. from Cor. No. 4, Campbell and Denison No. 8 lode; 11 ft. wide, 1 ft. deep, running S.13°00'W., 44 ft. Value, \$40.
- ✓ No. 7. A trench, the north end of which bears N.64°00'W., 415 ft. from Cor. No. 4, Campbell and Denison No. 8 lode; 13 ft. wide, 2 ft. deep, running S.40°00'W., 50 ft. Value, \$125.
- ✓ No. 1. Point of discovery, Campbell and Denison No. 9 Lode. No value.
- ✓ No. 2. A trench, the south end of which bears N.5°08'E., 491 ft. from Cor. No. 1, Campbell and Denison No. 9 lode; 12 ft. wide, 5 ft. deep, running N.25°00'E., 75 ft. Value, \$300.
- ✓ No. 3. A trench, the south end of which bears N.0°21'W., 544 ft. from Cor. No. 1, Campbell and Denison No. 9 lode; 12 ft. wide, 2 ft. deep, running N.22°00'E., 20 ft. Value, \$40.
- ✓ No. 4. A trench, the south end of which bears N.11°15'W., 711 ft. from Cor. No. 1, Campbell and Denison No. 9 lode; 13 ft. wide, 1 ft. deep, running N.13°00'W., 75 ft. Value, \$80.
- ✓ No. 5. A trench, the south end of which bears N.17°24'W., 612 ft. from Cor. No. 1, Campbell and Denison No. 9 lode; 13 ft. wide, 2.5 ft. deep, running N.16°00'E., 55 ft. Value, \$125.
- ✓ No. 6. A trench, the south end of which bears N.30°20'W., 195 ft. from Cor. No. 1, Campbell and Denison No. 9 lode; 13 ft. wide, 2.5 ft. deep, running N.22°00'E., 50 ft. Value, \$125.
- ✓ No. 1. Point of discovery, Campbell and Denison No. 12 lode. No value.
- ✓ No. 2. A trench, the south end of which bears N.86°33'E., 296 ft. from Cor. No. 2, Campbell and Denison No. 12 lode; 12 ft. wide, 4 ft. deep, running N.15°00'E., 98 ft. Value, \$350.

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|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No. 3. | A shaft, the center of which bears N.65°32'E., 380 ft. from Cor. No. 2, Campbell and Denison No. 12 lode; 4 x 6 ft., 8 ft. deep.<br>Value, \$50.                                     |
| No. 4. | A trench, the west end of which bears N.59°40'E., 369 ft. from Cor. No. 2, Campbell and Denison No. 12 lode; 12 ft. wide, 2.5 ft. deep, running S.65°00'E., 50 ft.<br>Value, \$125.  |
| No. 5. | A trench, the west end of which bears S.75°00'E., 374 ft. from Cor. No. 2, Campbell and Denison No. 12 lode; 13 ft. wide, 3 ft. deep, running S.78°00'E., 55 ft.<br>Value, \$150.    |
| No. 6. | A trench, the north end of which bears N.59°40'E., 528 ft. from Cor. No. 2, Campbell and Denison No. 12 lode; 12 ft. wide, 1.5 ft. deep, running S.40°00'E., 60 ft.<br>Value, \$80.  |
| No. 7. | A trench, the north end of which bears S.21°00'W., 40 ft. from Cor. No. 3, Campbell and Denison No. 12 lode; 15 ft. wide, 2 ft. deep, running S.45°00'E., 95 ft.<br>Value, \$200.    |
| No. 1. | Point of discovery, Campbell and Denison No. 11 lode. No value.                                                                                                                      |
| No. 2. | A trench, the north end of which bears S.51°46'W., 275 ft. from Cor. No. 3, Campbell and Denison No. 11 lode; 25 ft. wide, 3 ft. deep, running S.30°00'W., 50 ft.<br>Value, \$300.   |
| No. 3. | A trench, the north end of which bears N.60°21'E., 272 ft. from Cor. No. 2, Campbell and Denison No. 11 lode; 12 ft. wide, 1 ft. deep, running south 90 ft.<br>Value, \$75.          |
| No. 4. | A trench, the north end of which bears N.77°57'E., 165 ft. from Cor. No. 2, Campbell and Denison No. 11 lode; 12 ft. wide, 1.5 ft. deep, running S.35°00'E., 80 ft.<br>Value, \$125. |
| No. 5. | A trench, the north end of which bears N.59°40'E., 40 ft. from Cor. No. 2, Campbell and Denison No. 11 lode; 13 ft. wide, 3 ft. deep, running S.40°00'E., 85 ft.<br>Value, \$250.    |
| No. 6. | A trench, the north end of which bears S.37°30'W., 260 ft. from Cor. No. 3, Campbell and Denison No. 11 lode; 50 ft. wide, 4 ft. deep, running S.20°00'W., 75 ft.<br>Value, \$400.   |
| No. 7. | A trench, the north end of which bears S.1°14'E., 491 ft. from Cor. No. 3, Campbell and Denison No. 11 lode; 12 ft. wide, 1 ft. deep, running S.45°00'E., 75 ft.<br>Value, \$80.     |
| No. 8. | A trench, the west end of which bears S.8°37'E., 362 ft. from Cor. No. 3, Campbell and Denison No. 11 lode; 12 ft. wide, 1 ft. deep, running S.48°00'E., 45 ft.<br>Value, \$40.      |
| No. 9. | A trench, the west end of which bears S.11°41'E., 348 ft. from Cor. No. 3, Campbell and Denison No. 11 lode; 12 ft. wide, .5 ft. deep, running S.70°00'E., 100 ft.<br>Value, \$50.   |

## SURVEY NO. 4352

- No. 10. A trench, the west end of which bears S.16°28'E., 339 ft. from Cor. No. 3, Campbell and Denison No. 11 lode; 12 ft. wide, 1.5 ft. deep, running S.70°00'E., 60 ft.  
Value, \$40.
- No. 1. Point of discovery, Campbell and Denison No. 10 lode. No value.
- No. 2. A trench, the west end of which bears N.75°28'E., 240 ft. from Cor. No. 3, Campbell and Denison No. 10 lode; 12 ft. wide, 3 ft. deep, running S.80°00'E., 75 ft.  
Value, \$200.
- No. 3. A trench, the west end of which bears S.57°20'E., 608 ft. from Cor. No. 3, Campbell and Denison No. 10 lode; 15 ft. wide, 2 ft. deep, running N.75°00'E., 105 ft.  
Value, \$200.
- No. 4. A trench, the north end of which bears S.16°21'E., 541 ft. from Cor. No. 4, Campbell and Denison No. 10 lode; 20 ft. wide, 1 ft. deep, running S.30°00'E., 30 ft.  
Value, \$50.
- No. 5. A trench, the west end of which bears S.17°10'E., 558 ft. from Cor. No. 4, Campbell and Denison No. 10 lode; 14 ft. wide, 3 ft. deep, running N.85°00'E., 75 ft.  
Value, \$200.
- No. 6. A mined area, the center of which bears S.25°30'E., 522 ft. from Cor. No. 4, Campbell and Denison No. 10 lode; 30 ft. diam., 2.5 ft. deep.  
Value, \$125.
- No. 1. Point of Discovery, Campbell and Denison Ext. No. 9 lode. No value.
- No. 2. A trench, the north end of which bears S.9°29'W., 405 ft. from Cor. No. 4, Campbell and Denison Ext. No. 9 lode; 12 ft. wide, 3 ft. deep, running S.20°00'W., 110 ft.  
Value, \$350.
- No. 3. A trench, the west end of which bears S.9°36'E., 594 ft. from Cor. No. 4, Campbell and Denison Ext. No. 9 lode; 12 ft. wide, 1 ft. deep, running N.80°00'E., 40 ft.  
Value, \$40.
- No. 4. A trench, the west end of which bears S.23°30'E., 689 ft. from Cor. No. 4, Campbell and Denison Ext. No. 9 lode; 12 ft. wide, 2 ft. deep, running S.55°00'E., 40 ft.  
Value, \$75.
- No. 5. A trench, the west end of which bears S.18°46'E., 819 ft. from Cor. No. 4, Campbell and Denison Ext. No. 9 lode; 12 ft. wide, 1.5 ft. deep, running S.55°00'E., 40 ft.  
Value, \$50.
- No. 1. Point of discovery, Campbell and Denison Ext. No. 8. lode. No value.
- No. 2. A trench, the west end of which bears N.80°50'E., 308 ft. from Cor. No. 3, Campbell and Denison Ext. No. 8 lode; 12 ft. wide, 4 ft. deep, running N.83°00'E., 65 ft.  
Value, \$250.
- No. 3. A trench, the north end of which bears S.19°28'E., 290 ft. from Cor. No. 4, Campbell and Denison Ext. No. 8 lode; 13 ft. wide, 3 ft. deep, running S.30°00'E., 40 ft.  
Value, \$150.
- No. 4. A trench, the west end of which bears S.62°07'E., 770 ft. from Cor. No. 3, Campbell and Denison Ext. No. 8 lode; 12 ft. wide, 2 ft. deep, running N.55°00'E., 60 ft.  
Value, \$100.

- ✓ No. 5. A trench, the south end of which bears N.18°32'W., 757 ft. from Cor. No. 2, Campbell and Denison Ext. No. 8 lode; 12 ft. wide, 1 ft. deep, running N.23°00'W., 50 ft.  
Value, \$50.
- ✓ No. 1. Point of discovery, Campbell and Denison Ext. No. 7 lode. No value.
- ✓ No. 2. A trench, the west end of which bears S.59°00'E., 606 ft. from Cor. No. 2, Campbell and Denison Ext. No. 7 lode; 12 ft. wide, 2.5 ft. deep, running N.85°00'E., 75 ft.  
Value, \$150.
- ✓ No. 3. A trench, the north end of which bears S.17°10'W., 339 ft. from Cor. No. 3, Campbell and Denison Ext. No. 7 lode; 12 ft. wide, 1 ft. deep, running S.20°00'W., 65 ft.  
Value, \$60.
- ✓ No. 4. A trench, the north end of which bears N.59°40'E., 265 ft. from Cor. No. 2, Campbell and Denison Ext. No. 7 lode; 12 ft. wide, 4 ft. deep, running S.5°00'E., 90 ft.  
Value, \$350.
- ✓ No. 5. A shaft, the center of which bears N.87°20'E., 328 ft. from Cor. No. 2, Campbell and Denison Ext. No. 7 lode; 6 x 8 ft., 5 ft. deep.  
Value, \$40.
- ✓ No. 1. Point of discovery, Campbell and Denison Ext. No. 6 lode. No value.
- ✓ No. 2. A trench, the west end of which bears N.59°40'E., 325 ft. from Cor. No. 2, Campbell and Denison Ext. No. 6 lode; 12 ft. wide, 3.5 ft. deep, running S.55°00'E., 62 ft.  
Value, \$200.
- ✓ No. 3. A trench, the north end of which bears S.12°20'E., 331 ft. from Cor. No. 3, Campbell and Denison Ext. No. 6 lode; 12 ft. wide, 2 ft. deep, running S.22°00'E., 80 ft.  
Value, \$150.
- ✓ No. 4. A trench, the east end of which bears S.85°07'E., 602 ft. from Cor. No. 2, Campbell and Denison Ext. No. 6 lode; 12 ft. wide, 1 ft. deep, running S.73°00'W., 40 ft.  
Value, \$35.
- ✓ No. 5. A trench, the south end of which bears N.51°11'W., 619 ft. from Cor. No. 4, Campbell and Denison Ext. No. 6 lode; 12 ft. wide, 3.5 ft. deep, running N.33°00'W., 60 ft.  
Value, \$200.
- ✓ No. 1. Point of discovery, Campbell and Denison Ext. No. 5 lode. No value.
- ✓ No. 2. A trench, the north end of which bears S.13°22'W., 439 ft. from Cor. No. 3, Campbell and Denison Ext. No. 5 lode; 12 ft. wide, 1 ft. deep, running S.20°00'E., 100 ft.  
Value, \$100.
- ✓ No. 3. A trench, the south end of which bears S.54°03'E., 358 ft. from Cor. No. 2, Campbell and Denison Ext. No. 5 lode; 12 ft. wide, 2.5 ft. deep, running N.28°00'E., 95 ft.  
Value, \$200.
- ✓ No. 4. A trench, the north end of which bears S.34°00'E., 313 ft. from Cor. No. 2, Campbell and Denison Ext. No. 5 lode; 12 ft. wide, 1.5 ft. deep, running S.33°00'E., 50 ft.  
Value, \$75.
- ✓ No. 5. A trench, the north end of which bears S.4°02'W., 563 ft. from Cor. No. 3, Campbell and Denison Ext. No. 5 lode; 12 ft. wide, 1 ft. deep, running S.27°00'W., 30 ft.  
Value, \$30.

## SURVEY NO. 4352

- No. 6. A trench, the south end of which bears N.28°55'W., 635 ft. from Cor. No. 1, Campbell and Denison Ext. No. 5 lode; 12 ft. wide, 2.5 ft. deep, running N.15°00'W., 35 ft.  
Value, \$100.
- No. 1. Point of discovery, Campbell and Denison No. 15 lode. No value.
- No. 2. A trench, the east end of which bears S.8°55'W., 410 ft. from Cor. No. 2, Campbell and Denison No. 15 lode; 13 ft. wide, 4 ft. deep, running S.82°30'W., 75 ft.  
Value, \$300.
- No. 3. A trench, the north end of which bears S.66°30'E., 340 ft. from Cor. No. 1, Campbell and Denison No. 15 lode; 12 ft. wide, 1.5 ft. deep, running S.30°00'E., 65 ft.  
Value, \$125.
- No. 4. A trench, the west end of which bears S.59°24'E., 411 ft. from Cor. No. 1, Campbell and Denison No. 15 lode; 12 ft. wide, 1 ft. deep, running N.60°00'E., 60 ft.  
Value, \$50.
- No. 5. A trench, the west end of which bears S.57°20'E., 420 ft. from Cor. No. 1, Campbell and Denison No. 15 lode; 12 ft. wide, 1 ft. deep, running N.80°00'E., 60 ft.  
Value, \$50.
- No. 6. A trench, the west end of which bears S.50°35'E., 429 ft. from Cor. No. 1, Campbell and Denison No. 15 lode; 12 ft. wide, 1 ft. deep, running N.80°00'E., 85 ft.  
Value, \$75.
- No. 7. A trench, the west end of which bears S.42°47'E., 284 ft. from Cor. No. 1, Campbell and Denison No. 15 lode; 12 ft. wide, 1.5 ft. deep, running S.55°00'E., 60 ft.  
Value, \$80.
- No. 8. A trench, the south end of which bears S.59°40'W., 41 ft. from Cor. No. 3, Campbell and Denison No. 15 lode; 12 ft. wide, 1 ft. deep, running N.10°00'W., 50 ft.  
Value, \$50.
- No. 1. Point of discovery, Campbell and Denison No. 14 lode. No value.
- No. 2. A trench, the east end of which bears S.69°50'W., 267 ft. from Cor. No. 2, Campbell and Denison No. 14 lode; 12 ft. wide, 3 ft. deep, running S.50°00'W., 70 ft.  
Value, \$200.
- No. 3. A trench, the east end of which bears N.5°25'W., 453 ft. from Cor. No. 3, Campbell and Denison No. 14 lode; 13 ft. wide, 2.5 ft. deep, running N.50°30'W., 58 ft.  
Value, \$150.
- No. 4. A trench, the north end of which bears S.7°12'E., 912 ft. from Cor. No. 1, Campbell and Denison No. 14 lode; 12 ft. wide, 1 ft. deep, running S.25°00'W., 50 ft.  
Value, \$50.
- No. 5. A trench, the east end of which bears N.32°47'W., 825 ft. from Cor. No. 2, Campbell and Denison No. 14 lode; 12 ft. wide, 2 ft. deep, running N.65°00'W., 50 ft.  
Value, \$100.

## SURVEY NO. 4352

- No. 1. Point of discovery, Campbell and Denison No. 13 lode. No value.
- No. 2. A trench, the south end of which bears N.34°31'E., 318 ft. from Cor. No. 2, Campbell and Denison No. 13 lode; 13 ft. wide, 3 ft. deep, running N.2°00'W., 77 ft.  
Value, \$300.
- No. 3. A trench, the south end of which bears N.13°45'W., 337 ft. from Cor. No. 2, Campbell and Denison No. 13 lode; 13 ft. wide, 1.5 ft. deep, running N.11°00'W., 63 ft.  
Value, \$100.
- No. 4. A trench, the south end of which bears N.38°33'W., 768 ft. from Cor. No. 1, Campbell and Denison No. 13 lode; 12 ft. wide, 2 ft. deep, running N.10°00'E., 80 ft.  
Value, \$150.
- No. 5. A trench, the east end of which bears N.32°10'W., 869 ft. from Cor. No. 1, Campbell and Denison No. 13 lode; 13 ft. wide, 3 ft. deep, running S.77°00'W., 73 ft.  
Value, \$200.

## OTHER IMPROVEMENTS

A frame house, the NW. corner of which bears S.26°00'E., 630 ft. from Cor. No. 4, Campbell and Denison No. 3 lode; 12 x 14 ft. in size; the long sides bear East.

A frame house, the NW. corner of which bears S.31°00'E., 830 ft. from Cor. No. 3, Campbell and Denison No. 2 lode; 12 x 24 ft. in size; the long sides bear East.

## FIELD ASSISTANTS

Name	Capacity
P. J. McNulty	Chainman
William J. Cheek	Chainman

## LATITUDE OBSERVATION ON POLARIS AT LOWER CULMINATION

JULY 2ND, 1951

Instrument at East 1/4 Cor., Sec. 13, T. 11 N., R. 14 E.

Observed altitude	33° 23' 30"
Refraction	<u>0° 01' 24"</u>
True altitude, $h$	33° 22' 06"
$Z = 90 - h$	56° 37' 54"
Polaris dec. 89° 01' 57"	
$180° - 89° 01' 57"$	90° 58' 03"
Latitude	34° 20' 09" ✓

## SOLAR OBSERVATION FOR TIME

JULY 2ND, 1951

Watch time	Hor. Angle to Right	Vertical Angle
3 hr. 50 min. 20 secs.	29° 38'	44° 45'
3 hr. 59 min. 10 secs.	211° 33' 30"	42° 26'
Average Vertical Angle	43° 35' 30"	
Refraction and Parallax	<u>50"</u>	
Altitude (h)	43° 34' 40" ✓	
Watch time of observation		3 hr. 54 min. 45 secs. ✓
Difference of time between 105° Meridian and local Meridian 110° 49' 05" =		<u>23 min. 16 secs.</u> 3 hr. 31 min. 29 secs. ✓
Equation of time	3 min. 40.2 secs. ✓	
22 hrs. 31 min. 29 secs. x .48 secs.	<u>10.8 secs.</u>	<u>3 min. 51 secs.</u> ✓
Apparent Time Observation		3 hr. 27 min. 38 secs. ✓
Declination 0 <sup>hr</sup> . Greenwich Civil Time	23° 07.20'	
Hourly change .175 min. x 22 hrs. 31 min. 38 secs.	<u>3.95'</u>	
Declination (d)	23° 03.25' =	23° 03' 15" ✓
Latitude (L)		34° 20' ✓

$$\text{Cos. T} = \frac{\text{Sin. h}}{\text{Cos. L} \times \text{Cos. d}} \qquad \text{Tan. L} \times \text{Tan. d}$$

$$\text{Cos. T} = \frac{\text{Sin. } 43^{\circ} 34' 40''}{\text{Cos. } 34^{\circ} 20' \times \text{Cos. } 23^{\circ} 03' 15''} \qquad \text{Tan. } 34^{\circ} 20' \times \text{Tan. } 23^{\circ} 03' 15''$$

$$\text{Cos. T} = \frac{.6893386}{.8257703 \times .9201350} \qquad .6830066 \times .4255910$$

$$\text{Cos. T} = .6165577 - \text{T} = \qquad 51^{\circ} 56' 05'' = 3\text{hr. } 27\text{m. } 44\text{s.}$$

$$3\text{hr. } 27\text{m. } 38\text{s.}$$

$$\text{Watch Slow } 0\text{hr. } 0\text{m. } 6\text{s.}$$

MERIDIAN OBSERVATION

Same observation as used for time.

Transit at Cor. No. 3, Sighted Cor. No. 2.

Campbell and Denison No. 9 lode.

$$\text{Cos. A} = \frac{\text{Sin. d}}{\text{Cos. L} \times \text{Cos. h}} \qquad \text{Tan. L} \times \text{Tan. h}$$

$$\text{Cos. A} = \frac{\text{Sin. } 23^{\circ} 03' 15''}{\text{Cos. } 34^{\circ} 20' \times \text{Cos. } 43^{\circ} 34' 40''} \qquad \text{Tan. } 34^{\circ} 20' \times \text{Tan. } 43^{\circ} 34' 40''$$

$$\text{Cos. A} = \frac{.3916012}{.8257703 \times .7244393} \qquad .6830066 \times .9515478$$

$$\text{Cos. A} = \qquad .0046968$$

$$A = \qquad 89^{\circ} 43' 51''$$

$$\text{Average Hor. Angle} = \qquad 30^{\circ} 35' 45''$$

$$\text{Sum } 120^{\circ} 19' 36''$$

Course of Line 3-2

S. 59° 40' 24" W.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF SURVEYOR

I, Richard L. Merritt, Mineral Surveyor,  
 hereby certify upon honor that in pursuance of an order received from the Bureau  
of Land Management, Division of Engineering,, at Albuquerque, New Mexico  
 dated January 11, 1951, I have faithfully and correctly executed the survey  
 of the mining claim of Lottie May Denison  
 known as the Campbell and Denison lodes Nos. 1 to 15 in-  
clusive, and the Campbell and Denison (lode, placer, or millsite)  
Ext. lodes Nos. 5 to 9 inclusive, situate in Mogollon Rim Mining District,  
Coconino County, Arizona T.11 North R.14 East,  
G. and S.R. Meridian, Arizona, and designated  
 (State)  
 as Survey No. 4352, which is represented in the fore-  
 going 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 ex-  
 pended and improvements made upon or for the benefit of the lode  
 (lode or placer)  
 location<sup>s</sup> embraced in the said mining claim by claimant— or her 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)

August 6, 1951  
(Date)



**CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF  
MINING CLAIM**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
~~GENERAL LAND OFFICE~~  
~~PUBLIC SURVEY OFFICE~~

Bureau of Land Management  
Division of Engineering  
1009 W. Tijeras Ave.,  
Albuquerque, N. M.

At Albuquerque, New Mexico

September 1951, 19 51

I, Office Cadastral Engineer at Albuquerque, New Mexico

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the  
Mining Claim of Lottie May Denison

known as the  
Campbell and Denison lodes Nos. 1 to 15 inclusive, and the  
Campbell and Denison Ext. lodes Nos. 5 to 9 inclusive,

situate in Mogollon Rim mining district,

Coconino County, Arizona

in Section s 11, 12, 13, 14, Township No. 11 North, Range No. 14 East

G&SRB&M, designated as Survey No. 4352

executed by Richard L. Merritt, Mineral

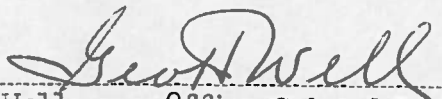
Surveyor, June 20, 1951 to August 6, 1951, 1951, under my instructions dated

January 11, 1951, 1951, have been critically examined and the necessary

corrections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is

included and made a part of these field notes.

  
Geo. H. Well, Office Cadastral Engineer.

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SUBVY OF MINING CLAIM

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

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

I, \_\_\_\_\_, District Director, do hereby certify that the field notes and subvy of the mining claim described in the above and numbered \_\_\_\_\_, filed for record in the office of the District Office on \_\_\_\_\_ at \_\_\_\_\_, \_\_\_\_\_, State of \_\_\_\_\_, are correct and true to the best of my knowledge and belief, and that the same conform to the requirements of the laws and regulations governing the same.

In testimony whereof, I have hereunto set my hand and the seal of the Department of the Interior, at Washington, D.C., this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

\_\_\_\_\_  
 District Director