

ORIGINAL

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF

MINERAL SURVEY NUMBERS 689 AND 690

AND A METES-AND-BOUNDS SURVEY IN

MINERAL SURVEY NUMBER 689,

TOWNSHIP 13 NORTH, RANGE 1 WEST,

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA.

EXECUTED BY

Gordon R. Bubel, Cadastral Surveyor

Under Special Instructions dated July 13, 2000, approved July 13, 2000,
which provided for the surveys included under Group No. 852, and
assignment instructions dated July 13, 2000.

Survey commenced July 18, 2000

Survey completed August 2, 2000

INDEX DIAGRAM

TOWNSHIP 13 NORTH RANGE 1 WEST

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T. 13 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of Mineral Survey Nos. 689 and 690 and a metes-and-bounds survey in Mineral Survey No. 689, T. 13 N., R. 1 W., Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this resurvey is as follows: The west one-half of the township was subdivided by Omar H. Case, U.S. Deputy Surveyor, in 1871, and independently resurveyed by Benjamin J. Kinsey, U.S. Surveyor in 1933. Mineral Survey Nos. 689 and 690 were executed by Eugene Pannenberg, U.S. Deputy Mineral Surveyor, in 1884. Mineral Survey Nos. 1535 and 1549 were executed by J.J. Fisher, U.S. Deputy Mineral Surveyor in 1901. Mineral Survey Nos. 1752 and 1843 were executed by William H. Merritt, U.S. Deputy Mineral Surveyor, in 1903.

All the original corners of patented Mineral Survey No. 689, Gazelle lode, with the exception of cor. No. 5, were identical with the original location monuments. All the original corners of patented Mineral Survey No. 690, Nevada lode, with the exception of cor. No. 3, were identical with the original location monuments. Mineral Survey No. 1843 utilized and remonumented cor. No. 2, Mineral Survey No. 689, and established new monuments with ties to cor. Nos. 4, 5, and 7, Mineral Survey No. 689. Mineral Survey No. 1843 also utilized and remonumented cor. Nos. 2, 3, 5 and 6, Mineral Survey Number 690.

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and the Special Instructions dated, July 13, 2000, for Group No. 852, Arizona.

The directions of all lines were determined by the system of differential positioning using Trimble Navigation 4400 Series Global Positioning System receivers utilizing the real-time Kinematic technique. Distances and angles were measured with a Sokkia SET2BII total station.

Preliminary to the resurvey, the lines of the prior surveys were retraced and search was made for all corners and other calls of record. Identified corners were remonumented in their original positions. Lost corners were reestablished and remonumented at proportionate positions based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein.

Geodetic control was derived from third order U. S. Forest Service triangulation station SPRUCE MOUNTAIN 1935, as published by the National Geodetic Survey, NAD 83 (1992). The geographic position of cor. 2, Gazelle lode, Mineral Survey No. 689, is as follows:

T. 13 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	<p>Latitude: 34° 28' 01.93" N. Longitude: 112° 24' 08.08" W.</p> <p>The mean magnetic declination is 12½° E.</p> <hr/> <p style="text-align: center;">Dependent Resurvey of Mineral Survey No. 689, T. 13 N., R. 1 W., Gila and Salt River Meridian, Arizona</p> <hr/> <p style="text-align: center;">Restoring the survey executed by Eugene Pannenberg, in 1884</p> <hr/> <p style="text-align: center;">Gazelle lode</p> <p>Beginning at cor. No. 1, Gazelle lode, reestablished at proportionate dist. by Gary B. Collins, Arizona Registered Land Surveyor No. 7335, in 1996, monumented with an iron bar, 5/8 in. diam., firmly set, projecting 1 in. above ground, with a 3¼ ins. diam. aluminum cap mkd. U.S. DEPT. OF AGRICULTURE LS 7335 T13N R1W MS689 N1/2 S1/2 S31 1996 FOREST SERVICE, with forest service #54-2 and #54-9 signs set alongside. This is accepted as a careful and faithful reestablishment of the original cor. position.</p> <p>Not remonumented.</p> <p>from which bearing trees mkd. by Collins</p> <p style="padding-left: 40px;">A ponderosa pine, 11 ins. diam., bears N. 76° E., 4 lks. dist., with scribe marks BT visible on partially opened blaze.</p> <p style="padding-left: 40px;">A ponderosa pine, 6 ins. diam., bears S. 2° W., 37.5 lks. dist., with scribe marks BT visible on partially opened blaze.</p> <p>From this cor. point, a rebar, ½ in. diam., firmly set, projecting 3 ins. above ground, bears S. 11 1/2° E., 95 lks. dist.</p> <p>S. 12°57' E ., on line 1-2, Gazelle lode.</p> <p>Through medium pine and spruce timber.</p> <p>11.35 Cor. No. 2, Gazelle lode, identical with cor. No. 1, Gazelle lode, M.S. No. 1843, monumented with a porphyry stone, 22 x 10 x 6 ins., firmly set, projecting 9 ins. above ground, in a collar of stone, mkd. with an X on top and G1 1843 on the W. face.</p>
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**Dependent Resurvey of Mineral Survey No. 689,
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CHAINS

from which the remaining original bearing tree remarked in 1903 by Merritt

An oak snag, 11 ins. diam., bears S. $12\frac{1}{2}^{\circ}$ W., 27 lks. dist., with scribe marks BT 1G visible on partially opened blaze. (M.S. No. 689 record: S. $0^{\circ}41'$ W., $18\frac{1}{2}$ ft. dist.; M.S. No. 1843 record: S. $13^{\circ}40'$ W. 18.1 ft. dist.)

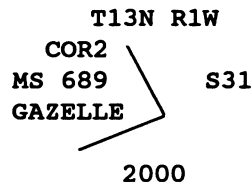
and bearing trees mkd. by Gary B. Collins, Arizona Registered Land Surveyor No. 7335, in 1996

A ponderosa pine, 5 ins. diam., bears N. $37\frac{1}{2}^{\circ}$ E., $51\frac{1}{2}$ lks. dist., with scribe marks BT GII visible on partially opened blaze.

A fir, 8 ins. diam., bears S. 65° E., 8 lks. dist., with scribe marks BT GII visible on partially opened blaze.

At the cor. point

Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.



Deposit a magnet in a white plastic case at the base of the stainless steel post.

Bury the marked stone alongside the stainless steel post.

From this cor. point, U. S. Forest Service triangulation station SPRUCE MOUNTAIN 1935, bears S. $17^{\circ}09'$ W., 23.60 chs. dist., monumented with a standard brass disk, $3\frac{1}{2}$ ins. diam., cemented flush with the surface of bedrock, with top mkd. SPRUCE MT 1935 and a triangle.

S. $77^{\circ}31'$ W., on line 2-3, Gazelle lode.

Through medium pine and spruce timber.

4.47

Cor. No. 3, Gazelle lode, perpetuated by Gary B. Collins, Arizona Registered Land Surveyor No. 7335, in 1996, monumented with a rebar, $\frac{1}{2}$ in. diam., 18 ins. long, firmly set, projecting 2 ins. above ground, with attached metal wafer mkd. LS 7335, set in a scattered mound of stone. This is accepted as

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CHAINS	
	<p>a careful and faithful perpetuation of the original cor. position.</p> <p>from which the original bearing tree</p> <p style="padding-left: 40px;">A pine snag, 23 ins. diam., bears N. 73½° E., 17½ lks. dist., no marks visible. (Record: N. 58° E., 11 ft. dist.)</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T13N R1W COR3 MS 689 GAZELLE</p> <hr style="width: 10%; margin: 0 auto;"/> <p>S31 2000</p> </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Deposit the rebar within the stainless steel post.</p> <p>From this cor. point, the south end center, Gazelle lode, M.S. No. 1843, bears N. 10°50' W., 72 lks. dist., monumented with a porphyry stone, 12 x 7 ins., firmly set, projecting 9 ins. above ground, mkd. X SEC 1843 on the N. face, with a mound of stone, 3 ft. base, 1 ft. high to the E.</p> <hr style="width: 30%; margin: 10px auto;"/> <p>S. 77°31' W., on line 3-4, Gazelle lode.</p> <p>Through medium pine and spruce timber.</p> <p>4.58 Cor. No. 4, Gazelle lode, perpetuated by Gary B. Collins, Arizona Registered Land Surveyor No. 7335, in 1996, monumented with an aluminum rod, ¾ in. diam., firmly set, projecting 1 in. above ground, with a 3½ ins. diam. aluminum cap mkd. U.S. DEPT. OF AGRICULTURE LS 7335 MS 689 S31 G No IV T13N R1W 1996 FOREST SERVICE, with forest service #54-2 and #54-9 signs set alongside, and in a collar of stone, with a scattered mound of stone, 4 ft. base to the N. This is accepted as a careful and faithful perpetuation of the original cor. position.</p> <p>Not remonumented.</p>

Dependent Resurvey of Mineral Survey No. 689,
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CHAINS	
	<p>from which the remains of the original bearing tree</p> <p>A stump hole, in the center of which is an iron bar, 5/8 in. diam., set by Gary B. Collins, Arizona Registered Land Surveyor No. 7335, in 1996, bears S. 57¼° W., 99 lks. dist., with pieces of fir log alongside bearing evidence of blaze marks. (Record: S. 43°21' W., 65½ ft. dist.)</p> <p>and bearing trees not of record</p> <p>An oak snag, 9 ins. diam., bears N. 76° E., 33 lks. dist., with a faint B, visible.</p> <p>A pine snag, 10 ins. diam., bears S. 3/4° E., 30 lks. dist., mkd. BT.</p> <p>From this cor. point, Cor. No. 4, Gazelle lode, M.S. No. 1843, bears N. 7°55' W., 1.46 chs. dist., monumented with a porphyry stone, 12 x 12 ins., firmly set, projecting 14 ins. above ground, mkd. with an X on top, and G4 1843 on the N. face, with a mound of stone, 3 ft. base, ½ ft. high to the N.</p> <p>from which the original M.S. No. 1843 bearing tree</p> <p>An oak snag, 13 ins. diam., bears N. 38° W., 19 lks. dist., with, pieces of oak log alongside, bearing evidence of scribe marks. (Record: 12.3 ft. dist.)</p>
11.34	<hr/> <p>N. 12°59' W., on line 4-5, Gazelle lode.</p> <p>Through medium pine and spruce timber.</p> <p>Point for Angle Point 2, of the metes-and-bounds survey in M.S. No. 689, Gazelle lode, occupied with an iron rod, 5/8 in. diam., established by Gary B. Collins, Arizona Registered Land Surveyor No. 7335, in 1996, firmly set, projecting 1 in. above ground, with 3¼ ins. diam., aluminum cap mkd. U.S. DEPT. OF AGRICULTURE LS 7335 T13N R1W N ½ S31 S ½ MS 689 1996 FOREST SERVICE, with forest service #54-2 and #54-9 signs set alongside.</p> <p>Not remonumented.</p> <p>from which bearing trees mkd. by Collins</p> <p>A fir, 12 ins. diam., bears S. 25¼° E., 57½ lks. dist., mkd. BT.</p> <p>A pine, 15 ins. diam., bears N. 80¼° W., 22 lks. dist., mkd. BT.</p>

Dependent Resurvey of Mineral Survey No. 689,
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	<p>From this cor. point, a rebar, $\frac{1}{2}$ in. diam., firmly set, projecting 1 in. above ground, bears N. 1° W., 52 lks. dist.</p>																																				
17.01	<p>A rebar, $\frac{1}{2}$ in. diam., firmly set, projecting 2 ins. above ground, with attached metal wafer mkd. L.S. 7335 SET.</p>																																				
22.25	<p>Intersect line 4-5, M.S. No. 690, Nevada lode.</p> <p>Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 16 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p>																																				
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2"></td> <td colspan="2" style="text-align: center;">T13N R1W</td> </tr> <tr> <td style="text-align: center;">MS</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">690</td> <td style="text-align: center;">G</td> <td style="text-align: center;">M</td> </tr> <tr> <td style="text-align: center;">NEVA</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">DA</td> <td style="text-align: center;">A</td> <td style="text-align: center;">S</td> </tr> <tr> <td colspan="2"></td> <td colspan="2" style="text-align: center;">Z</td> </tr> <tr> <td colspan="2"></td> <td colspan="2" style="text-align: center;">E 6</td> </tr> <tr> <td style="text-align: center;">S31</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;"></td> <td colspan="2" style="text-align: center;">L 8</td> </tr> <tr> <td colspan="2"></td> <td colspan="2" style="text-align: center;">L 9</td> </tr> <tr> <td colspan="2"></td> <td colspan="2" style="text-align: center;">E</td> </tr> <tr> <td colspan="2"></td> <td colspan="2" style="text-align: center;">2000</td> </tr> </table> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>From this cor. point, cor. No. 5, Nevada lode, M.S. No. 690, identical with cor. No. 4, Nevada lode, M.S. No. 1843, bears S. $86^{\circ}38'$ W., 2.96 chs. dist., hereinafter described.</p> <p>From this same cor. point, cor. No. 3, Gazelle lode, M.S. No. 1843, bears N. $82^{\circ}06'$ E., 0.058 chs. dist., monumented with a spike, firmly set, N. of a mound of stone 3 ft. base, 2 ft. high.</p> <p>from which the original M.S. No. 1843 bearing trees</p> <p style="padding-left: 40px;">A ponderosa pine, 22 ins. diam., bears S. 80° E., 41 lks. dist., with scribe marks BT 3-G 1843 visible on partially opened blaze. (Record: S. $79^{\circ}41'$ E., 27.2 ft. dist.)</p> <p style="padding-left: 40px;">An oak, 12 ins. diam., bears S. $86\frac{1}{4}^{\circ}$ W., 46 lks. dist., with a healed blaze. (Record: S. $87^{\circ}35'$ W., 30.4 ft. dist.)</p>			T13N R1W		MS	690	G	M	NEVA	DA	A	S			Z				E 6		S31		L 8				L 9				E				2000	
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22.68	<p>Cor. No. 5, M.S. No. 689, Gazelle lode, perpetuated by Gary B. Collins, Arizona Registered Land Surveyor No. 7335, in 1996, monumented with an iron rod, $\frac{5}{8}$ in. diam., firmly set, projecting 1 in. above ground, with $3\frac{1}{4}$ ins. diam. aluminum cap mkd. U.S. DEPT. OF AGRICULTURE LS 7335 T13N R1W S 31 G NO. V M.S. 689 1996 FOREST SERVICE. This is accepted as a careful and faithful perpetuation of the original cor. position.</p>																																				

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CHAINS	
	<p>Not remonumented.</p> <p>from which an original bearing tree</p> <p>A stump hole, in the center of which is an iron bar, 5/8 in. diam., set by Gary B. Collins, Arizona Registered Land Surveyor No. 7335, in 1996, bears N. 77½° E., 53 lks. dist., with a downed pine, 20 ins. diam., mkd. GV on an opened blaze, lying alongside. (Record: N. 62°41' E., 35 ft. dist.)</p> <p>and bearing trees marked by Collins in 1996</p> <p>A ponderosa pine, 11 ins. diam., bears N. 51° E., 10½ lks. dist., with scribe marks BT GV visible on partially opened blaze.</p> <p>A ponderosa pine, 14 ins. diam., bears N. 25¼° W., 17½ lks. dist., with scribe marks BT GV visible on partially opened blaze.</p>
4.53	<p>N. 77°25' E., on line 5-6, Gazelle lode.</p> <p>Through medium pine and spruce timber.</p> <p>Cor. No. 6, Gazelle lode, M.S. No. 689, reestablished at proportionate distance by Gary B. Collins, Arizona Registered Land Surveyor No. 7335, in 1996, monumented with an iron bar, ½ in. diam., loosely set, projecting 4 ins. above ground, with attached metal wafer, smashed and unreadable. This is accepted as a careful and faithful reestablishment of the original cor. position.</p> <p>Not remonumented.</p> <p>Cor. is located on the westerly shoulder of a graded road, 18 lks. wide, bears NNE and SSW.</p>
1.72	<p>N. 77°25' E., on line 6-7, Gazelle lode.</p> <p>Intersect line 2-3, Nevada lode, M.S. No. 690.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, encircled with a collar of stone, with brass cap mkd.</p>

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CHAINS																						
	<p>T13N R1W</p> <table style="margin: auto;"> <tr> <td>N</td> <td>MS</td> <td>S31</td> </tr> <tr> <td>E</td> <td>690</td> <td></td> </tr> <tr> <td colspan="2" style="border-top: 1px solid black;"></td> <td>MS 689</td> </tr> <tr> <td>V</td> <td>GAZ</td> <td>ELLE</td> </tr> <tr> <td>A</td> <td></td> <td></td> </tr> <tr> <td>D</td> <td></td> <td></td> </tr> <tr> <td>A</td> <td></td> <td></td> </tr> </table> <p>2000</p>	N	MS	S31	E	690				MS 689	V	GAZ	ELLE	A			D			A		
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	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>																					
	<p>From this cor. point, cor No. 3, Nevada lode, M.S. No. 690, bears S. 4°17' E., 1.43 chs. dist., hereinafter described.</p>																					
1.89	<p>Intersect the westerly side of an excavated pit, 16 x 16 x 4 ft. deep, the NW cor. bears N. 8° E., 7.5 lks. dist.</p>																					
2.13	<p>Intersect the northerly side of same pit, the NE cor. bears S. 72° E., 2 lks. dist.</p>																					
4.53	<p>Cor. No. 7, Gazelle lode, perpetuated by Gary B. Collins, Arizona Registered Land Surveyor No. 7335, in 1996, monumented with an aluminum rod, ¾ in. diam., firmly set, projecting 1 in. above ground, with 3¼ ins. diam. aluminum cap mkd. U.S. DEPT. OF AGRICULTURE LS 7335 T13N R1W G No VII S31 M.S. 689 FOREST SERVICE, with forest service #54-2 and #54-9 signs set alongside, and in a mound of stone, 3½ ft. base. This is accepted as a careful and faithful perpetuation of the original cor. position.</p> <p>Not remonumented.</p> <p>from which bearing trees mkd. by Collins</p> <p style="padding-left: 40px;">An alligator juniper, 18 ins. diam., bears N. 31¼° E., 47 lks. dist., with a cement nail set 4 ins. above ground on the west side, with attached washer mkd. REF TIE LS 7335.</p> <p style="padding-left: 40px;">An alligator juniper, 9 ins. diam., bears N. 83¼° W., 25 lks. dist., with a cement nail set 5 ins. above ground on the north side, with attached washer mkd. REF TIE LS 7335.</p> <p>and bearing trees not of record</p> <p style="padding-left: 40px;">A rotted pine stump, 10 ins. diam., bears N. 35¼° E., 77½ lks. dist., with a pine fragment, 15 X 4 ins., lying loose alongside, mkd. S.</p>																					

**Dependent Resurvey of Mineral Survey No. 689,
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CHAINS	
	<p align="center">An oak snag, 18 ins. diam., bears N. 58$\frac{3}{4}$° W., 44 lks. dist., with a burned out blaze.</p>
	<p>From this cor. point, Cor. No. 2, Gazelle lode, M.S. No. 1843, bears S. 11°42' E., 1.89 chs. dist., monumented with a porphyry stone, 8 x 8 ins., firmly set, projecting 5 ins. above ground, with a fractured part of same stone, 10 x 9 x 3 ins., lying loose nearby, mkd. 1843 on a face.</p>
	<p>from which the original M.S. No. 1843 bearing tree</p>
	<p align="center">An oak stump, 10 ins. diam., bears N. 85° E., 30$\frac{1}{2}$ lks. dist., with a rotted out blaze. (Record: N. 84°58' E., 19.9 ft. dist.)</p>
	<p>S. 12°57' E., on line 7-1, Gazelle lode.</p>
	<p>Through medium pine and spruce timber.</p>
5.67	<p>A rebar, $\frac{1}{2}$ in. diam., firmly set, projecting 2 ins. above ground, with attached metal wafer mkd. L.S. 7335 SET.</p>
11.35	<p>Cor. No. 1, Gazelle lode.</p>
<p align="center">Dependent Resurvey of Mineral Survey No. 690, T. 13 N., R. 1 W., Gila and Salt River Meridian, Arizona</p>	
<p align="center">Restoring the survey executed by Eugene Pannenber, in 1884</p>	
<p align="center">Nevada lode</p>	
<p>From cor. No. 1, M.S. No. 690, Nevada lode, determined from the original bearing trees</p>	
<p align="center">A stump hole, bears S. 22$\frac{3}{4}$° E., 69$\frac{1}{2}$ lks. dist., with pieces of oak log alongside bearing evidence of scribe marks. (Record: S. 37°18' E., 46 ft. dist.)</p>	
<p align="center">An oak, 21 ins. diam., bears S. 82$\frac{1}{4}$° W., 15 lks. dist., with illegible scribe marks visible on partially opened blaze. (Record S. 81°50' W., 10 ft. dist.)</p>	
<p>At the cor. point</p>	
<p>Set a stainless steel post, 28 ins. long, 2$\frac{1}{2}$ ins. diam., 18 ins. in the ground, in a mound of stone, 5 ft. base, to top, with brass cap mkd.</p>	

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CHAINS	
4.37	<p style="text-align: center;">T13N R1W S30 <hr style="width: 10%; margin: auto;"/>COR 1 MS 690 NEVADA 2000</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>From this cor. point, cor. No. 5, Midnight Test lode, M.S. No. 1535, identical with the south end center, bears N. 70°15' W., 19.5 lks. dist., reestablished by George Michael Haywood, Arizona Registered Land Surveyor, No. 13941, in 1994, monumented with an aluminum pipe, 2½ ins. diam., firmly set, projecting 14 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, with a 3½ ins. diam., aluminum cap mkd. SURVEY MONUMENT SEC MIDNIGHT TEST NO. 1535 RLS 13941 DO NO DISTURB.</p> <p>N. 86°42' E., on line 1-2, Nevada lode.</p> <p>Through medium pine and spruce timber.</p> <p>Cor. No. 2, Nevada lode, identical with cor. No. 2, Nevada lode, M.S. No. 1843, monumented with a porphyry stone, 22 x 9 x 7 ins., firmly set, projecting 9 ins. above ground, in a collar of stone, mkd. with an X on top and N2 1843 on the N. face, with an iron pipe, 2 ins. diam., firmly set, projecting 14 ins. above ground, with brass cap mkd. U.S. MIN. SUR. S-2 4174 N-2 1843, set alongside.</p> <p>from which the remains of the original bearing tree</p> <p style="padding-left: 40px;">A burnt pine stump, 12 ins. diam., bears S. 89½° E., 63 lks. dist., (Record: N. 73° E., 40½ ft.)</p> <p>and a M.S. No 1843 bearing tree</p> <p style="padding-left: 40px;">An oak, 12 ins. diam., bears S. 53½° E., 54½ lks. dist., with faint illegible scribe marks. (Record: S. 53°27' E., 36.1 ft. dist.)</p> <p>and a bearing object of no record for unofficial M.S. No. 4174</p> <p style="padding-left: 40px;">A rock outcropping, 1 x 1 x 1 ft. high, bears S. 18 ½° W., 7 lks. dist., mkd. X BR 4174 on the N. face.</p> <p>At the cor. point</p>

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CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 18 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <div data-bbox="808 415 1006 598" style="text-align: center;"> <p>T13N R1W COR2 S30 MS690 NEVADA 2000</p> </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Deposit the marked stone within the mound of stone.</p> <hr/> <p>S. 4°17' E., on line 2-3, Nevada lode.</p> <p>Through medium pine and spruce timber.</p>
15.38	<p>Intersect the line bet. secs. 30 and 31.</p> <p>From this cor. point, the cor. of secs. 29, 30, 31 and 32, monumented with an iron post, 2 ins. diam., firmly set, projecting 13 ins. above ground, in a mound of stone, 4 ft. base to top, with brass cap mkd. T13N R1W S30 S29 S31 S32 1933, bears S. 89°52' E., 32.95 chs. dist.</p> <p>from which the 1933 bearing trees</p> <p style="padding-left: 40px;">An oak, 15 ins. diam., bears N. 6° E., 45 lks. dist., with a healed blaze.</p> <p style="padding-left: 40px;">A ponderosa pine, 20 ins. diam., bears S. 47° E., 26 lks. dist., with scribe marks T13N R1W S32BT visible on partially opened blaze.</p> <p style="padding-left: 40px;">An oak, 16 ins. diam., bears N. 16 1/4° W., 87 lks. dist., with a healed blaze. (Record: N. 15° W., 86 lks. dist.)</p> <p>Add the marks 2000 to the brass cap.</p> <p>From this same cor. point, the 1/4 sec. cor. of secs. 30 and 31, monumented with an iron post, 1 in. diam., firmly set, projecting 22 ins. above ground, in a mound of stone, 4 ft. base, 1½ ft. high, with brass cap mkd. 1/4 S30 S31 1933, bears N. 89°52' W., 7.08 chs. dist.</p> <p>from which the remains of the 1933 bearing tree</p>

Dependent Resurvey of Mineral Survey No. 690,
T. 13 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>A stump hole, bears S. 30° E., 4 lks. dist., with the remains of a rotted pine lying loose nearby, with a piece mkd. 1/4 S31.</p> <p>Add the marks T13N R1W 2000 to the brass cap.</p>
21.01	<p>Intersect line 6-7, Gazelle lode, M.S. No. 689, hereinbefore described.</p> <p>From this cor. point, cor. No. 6, Gazelle lode, M.S. No. 689, bears S. 77°25' W., 1.72 chs. dist., hereinbefore described.</p>
22.44	<p>Cor. No. 3, Nevada lode, identical with cor. No. 1, Nevada lode, M.S. No. 1843, monumented with a porphyry stone, 11 x 7 ins., firmly set, projecting 7 ins. above ground, in a scattered mound of stone, mkd. with an X on top and N1 1843 on the NW face.</p> <p>from which the remains of the original bearing trees</p> <p>A stump hole, bears S. 8½° E., 31½ lks. dist., with fallen and rotted oak, 14 ins. diam., alongside, with fragmentary scribe marks on rotted pieces of blaze. (Record: S. 25°30' E., 20 ft. dist.; M.S. No. 1843 record: S. 9°51' E., 19.8 ft. dist.)</p> <p>A burnt pine stump, 18 ins. diam., bears S. 14 1/4° W., 68 lks. dist., no marks visible, (Record: South, 44½ ft. dist.)</p> <p>and a M.S. No. 1843 bearing object</p> <p>A rock outcropping, 30 x 18 x 12 ins. high, bears N. 41 3/4° E., 23 lks. dist., mkd. X BR N1 1843, on the W. face. (Record: N. 41°46' E., 14.8 ft. dist.)</p> <p>Not remonumented.</p> <hr/> <p>S. 86°38' W., on line 3-4, Nevada lode.</p> <p>Through medium pine and spruce timber.</p>
4.54	<p>Point for Cor. No. 4, Nevada lode, at proportionate dist.; there is no remaining evidence of the original cor. position.</p> <p>Not monumented.</p> <hr/> <p>S. 86°38' W., on line 4-5, Nevada lode.</p> <p>Through medium pine and spruce timber.</p>

Dependent Resurvey of Mineral Survey No. 690,
T. 13 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
1.58	Intersect line 4-5, Gazelle lode, M.S. No. 689, hereinbefore described.
	From this cor. point, cor. No. 5, Gazelle lode, M.S. No. 689, bears N. 12°59' W., 0.43 ch. dist., hereinbefore described.
4.54	Cor. No. 5, Nevada lode, identical with cor. No. 4, Nevada lode, M.S. No. 1843, determined from M.S. No. 1843 bearing object and bearing tree.
	An oak, 11 ins. diam., bears S. 72¼° W., 21 lks. dist., with a rotted out blaze. (Record: S. 72°39' W., 13.7 ft. dist.)
	A granite outcropping, 30 X 16 ins. bears N. 41¼° W., 15 lks. dist., mkd. BR X N4 1843. (Record: N. 42°13' W., 10 ft. dist.)
	At the cor. point
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.
	<div style="text-align: center;"> <p>T13N R1W COR 5 MS 690 S31 NEVADA</p> <p>2000</p> </div>
	Evidence of the original NE bearing tree, a down oak, 17 ins. diam., with a rotted out blaze was found, its original position could not be determined.
	A porphyry stone, 26 x 12 x 8 ins. mkd. N4 1843, on a face, was found lying loose nearby.
	Deposit the marked stone within the mound of stone.
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	N. 4°06' W., on line 5-6, Nevada lode.
	Through medium pine and spruce timber.
7.61	Intersect the line bet. secs. 30 and 31.
	From this cor. point, the closing cor. of secs. 30 and 31, on the E. bdy. of the Tp., monumented with an iron post, 2 ins.

Dependent Resurvey of Mineral Survey No. 690,
T. 13 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS																																	
	<p>diam., firmly set, projecting 9 ins. above ground, with brass cap mkd. T13N T13N R2W S30 S25 CC S31 R1W 1933, bears S 89°52' W., 19.35 chs. dist.</p> <p>from which the 1933 bearing trees</p> <p>A walnut stump, 6 ins. diam., bears N. 83 1/4° E., 119 lks. dist., with no marks visible, (Record: N. 84° E.)</p> <p>An oak stump, 22 ins. diam., bears S. 8° E., 62 lks. dist., with faint, illegible scribe marks, on a partially rotted blaze. (Record: 64 lks. dist.)</p> <p>Add the marks 2000 to the brass cap.</p> <p>From this same cor. point, the 1/4 sec. cor. of secs. 30 and 31, bears N. 89°52' E., 2.01 chs. dist., hereinbefore described.</p>																																
10.55	<p>Intersect line 1-2, Fire Place lode, M.S. No. 1752.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <table data-bbox="812 1029 1055 1302" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="4" style="text-align: center;">T13N R1W</th> </tr> <tr> <th style="text-align: center;">F</th> <th style="text-align: center;">P</th> <th style="text-align: center;">N</th> <th style="text-align: center;">M</th> </tr> <tr> <th style="text-align: center;">MS</th> <th style="text-align: center;">1752</th> <th style="text-align: center;">E</th> <th style="text-align: center;">S</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">S30</td> <td></td> <td style="text-align: center;">V</td> <td style="text-align: center;">6</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">A</td> <td style="text-align: center;">9</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">D</td> <td style="text-align: center;">0</td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">A</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">2000</td> <td></td> <td></td> </tr> </tbody> </table> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>From this cor. point, Cor. No. 1, Schwartzman lode, identical with Cor. No. 4, Alex Thompson lode, M.S. No. 1549, on line 1-2, Fire Place lode, M.S. No. 1752, bears N. 88°47' W., 6.40 chs. dist., monumented with a porphyry stone, 11 x 6 ins., firmly set, projecting 8 ins. above ground, mkd. X on top, S No 1 1549 on the E. face and AT No 4 1549 on the W. face.</p> <p>From this same cor. point, Cor. No. 2, Fire Place lode, M.S. No. 1752, bears S 88°47' E., 0.16 chs. dist., monumented with a mound of stone, 3 ft. base, 1 ft. high, with a porphyry stone, 17 x 9 x 5 ins., mkd. FP-2 1752, within the mound of stone.</p>	T13N R1W				F	P	N	M	MS	1752	E	S	S30		V	6			A	9			D	0			A			2000		
T13N R1W																																	
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S30		V	6																														
		A	9																														
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	2000																																
16.72	<p>A rebar, ½ in., diam., firmly set, projecting 2 ins. above ground, with attached metal wafer mkd. LS 15331.</p>																																

Dependent Resurvey of Mineral Survey No. 690,
T. 13 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS																															
18.15	<p>Intersect line 2-3, Fire Place lode, M.S. No. 1752.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, in a collar of stone, with brass cap mkd.</p> <div style="text-align: center;"> <p>T13N R1W</p> <p>S30</p> <table style="border: none; margin: auto;"> <tr> <td style="padding-right: 10px;">F</td> <td style="padding-right: 10px;">M</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">/</td> <td style="padding-left: 10px;">N</td> <td style="padding-left: 10px;">M</td> </tr> <tr> <td>P</td> <td>S</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">\</td> <td>E</td> <td>S</td> </tr> <tr> <td></td> <td>1</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">/</td> <td></td> <td>V</td> </tr> <tr> <td></td> <td>7</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">\</td> <td></td> <td>A 6</td> </tr> <tr> <td></td> <td>5</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">/</td> <td></td> <td>D 9</td> </tr> <tr> <td></td> <td>2</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;">\</td> <td></td> <td>A 0</td> </tr> </table> <p>2000</p> </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>From this cor. point, Cor. No. 3, Fire Place lode, M.S. No. 1752, identical with Cor. No. 4, Midnight Test lode, M.S. No. 1535, bears N. 5°17' W., 4.19 chs. dist., perpetuated by George Michael Haywood, Arizona Registered Land Surveyor, in 1994, monumented with an aluminum pipe, 2½ ins. diam., firmly set, projecting 6 ins. above ground, with 3¼ ins. diam., aluminum cap mkd. SURVEY MONUMENT COR 4 MIDNIGHT TEST NO. 1535 RLS 13941 DO NOT DISTURB.</p> <p>From this same cor. point, Cor. No. 2, Fire Place lode, M.S. No. 1752, bears S. 5°17' E., 7.61 chs. dist., hereinbefore described.</p>	F	M	/	N	M	P	S	\	E	S		1	/		V		7	\		A 6		5	/		D 9		2	\		A 0
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22.32	<p>Cor. No. 6, Nevada lode, identical with cor. No. 3, Nevada lode, M.S. No. 1843, monumented with a granite stone, 20 x 11 x 5 ins., firmly set, projecting 4 ins. above ground, in a scattered mound of stone, mkd. with an X on top and N3 1843 on the E. face.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T13N R1W</p> <p>S30</p> <table style="border: none; margin: auto;"> <tr> <td style="padding-right: 10px;">COR 6</td> </tr> <tr> <td>MS690</td> </tr> <tr> <td>NEVADA</td> </tr> </table> <p>2000</p> </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>	COR 6	MS690	NEVADA																											
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**Dependent Resurvey of Mineral Survey No. 690,
T. 13 N., R. 1 W., Gila and Salt River Meridian, Arizona**

CHAINS	<p>Bury the marked stone alongside the stainless steel post.</p> <p>From this cor. point, Cor. No. 3, Fire Place lode, M.S. No. 1752, identical with Cor. No. 4, Midnight Test lode, M.S. No. 1535, bears N. 83°36' W., 0.09 chs. dist., hereinbefore described.</p> <hr/> <p>N. 85°09' E., on line 6-1, Nevada lode.</p> <p>Through medium pine and spruce timber.</p> <p>4.64 Cor. No. 1 Nevada lode.</p> <hr/> <p align="center">Metes-and-Bounds Survey in Mineral Survey No. 689 T. 13 N., R. 1 W., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From Angle Point 1, identical with cor. No. 1, Gazelle lode, M.S. No. 689, hereinbefore described.</p> <p>S. 77°28' W., on line 1-2.</p> <p>Descending, through medium pine timber.</p> <p>9.05 Angle Point 2, hereinbefore described.</p> <hr/> <p align="center">GENERAL DESCRIPTION</p> <hr/> <p>The area encompassed in this survey and resurvey is located about 6 miles southeast of Prescott Arizona. Elevations range from about 6900 to 7300 ft. above sea level. The terrain is mountainous and rocky. Vegetation consist of scrub oak, manzanita and grasses with pine, spruce and oak timber.</p> <p>Access is by way of the Senator Highway to the intersection with U.S. Forest Service access road to Spruce Mountain Lookout.</p> <p>Numerous claims have been patented in the area, which now serve mostly as home sites for summer cabins.</p> <p>The mean magnetic declination of 12½° E., was derived from the United States Geological Survey computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2000 for the dates of survey.</p> <hr/>
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CERTIFICATE OF SURVEY

I, Gordon R. Bubel, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 13th day of July, 2000, I have dependently resurveyed Mineral Survey Nos. 689 and 690 and executed a metes-and-bounds survey in Mineral Survey No. 689., T. 13 N., R. 1 W., Gila and Salt River Meridian, Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction. Said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

JANUARY 18, 2001

(Date)

Gordon R. Bubel

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of Mineral Survey Nos. 689 and 690 and the metes-and-bounds survey in Mineral Survey No. 689, T. 13 N., R. 1 W., Gila and Salt River Meridian, Arizona, executed by Gordon R. Bubel, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

July 10, 2001

(Date)

Kenny D. Rawmickar

(Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 13 N., R. 1 W., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~_____~~
(Date)

~~_____~~
(Chief Cadastral Surveyor of Arizona)