

ORIGINAL

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BOOK 5391

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES
OF THE

DEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY,

A PORTION OF THE SUBDIVISIONAL LINES, AND

A PORTION OF MINERAL SURVEY NOS. 3847 AND 3985,

AND THE SUBDIVISION

AND A METES AND BOUNDS SURVEY

IN SECTION 4

TOWNSHIP 21 NORTH, RANGE 21 WEST

Of the Gila and Salt River Meridian,
In the State of Arizona

EXECUTED BY
Olian T. Shockley, Cadastral Surveyor

Under Special Instructions dated May 12, 1993, approved May 13, 1993, which provided for the surveys included under Group Number 756 and assignment instructions dated June 2, 1993.

Survey commenced June 3, 1993
Survey completed November 3, 1993

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T. 21 N., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the north boundary, a portion of the subdivisional lines, and a portion of Mineral Survey Nos. 3847 and 3985, the subdivision and a metes and bounds survey in section 4, Township 21 North, Range 21 West, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this resurvey and survey is as follows: The north boundary of the township was surveyed by Theo. O. Johnston and Guy H. Richardson in 1915-16, the subdivisional lines were surveyed by Theo. O. Johnston and Edward O. Lyman in 1915, and Mineral Survey Nos. 3847 and 3985 were surveyed by L. H. Foster in 1922 and 1925.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated May 12, 1993, for Group No. 756, Arizona.

Preliminary to the resurvey, the lines of the original survey were retraced and search was made for all corners and other calls of the record. Identified corners were re-monumented in their original positions; lost corners were restored and monumented at proportionate positions based on the original record. The retrace data were thoroughly verified and only the true line field notes are given herein.

The directions of all lines were determined by direct hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured with a Lietz Set 2B II total station.

The geographic position of the southeast cor. of section 4, as determined from a tie made to U.S. Geological Survey triangulation station "BULLSHFAD 1934", located in the southeast quarter of section 8, is as follows:

Latitude: 35°13'33.41" N. Longitude: 114°31'00.64" W. NAD27

The mean magnetic declination, as taken from quadrangle map DAVIS DAM, ARIZ.- NEV., ARIZ., published in 1970 by U.S. Geological Survey, is 14° E.

Dependent Resurvey of a Portion of the North Boundary,
T. 21 N., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS							
	<p style="text-align: center;">Restoring the survey executed by Theo. O. Johnston and Guy H. Richardson, in 1915-16</p> <hr style="width: 20%; margin: auto;"/> <p>Beginning at the 1/4 sec. cor. of sec. 34 only, T. 22 N., R. 21 W., monumented with an iron post, 1 in. diam., firmly set, projecting 5 ins. above ground, with a mound of stone to the N., 3 ft. base, 2 ft. high, with brass cap mkd. 1/4 S34 1915.</p> <p>Add the marks T22N R21W 1993 on the brass cap.</p> <p>Cor. is located 23 lks. W. of the W. edge of a trail road, bears SSE and N., in curve.</p> <p>West, along the S. bdy. of sec. 34, T. 22 N., R. 21 W.</p>						
36.14	<p>Point for the closing cor. of secs. 3 and 4, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 2 ins. in the ground, to bedrock, in a mound of stone, 5 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T22N R21W S34</p> <hr style="width: 50%; margin: auto;"/> <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 4</td> <td style="padding: 0 5px;">S 3</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">T21N R21W</td> <td style="padding: 0 5px;">C C</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;"></td> <td style="padding: 0 5px;">1993</td> </tr> </table> </div> <p>Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.</p> <p>Cor. is located on SE. edge of a lone butte, 120 ft. high, bears NE and SW.</p>	S 4	S 3	T21N R21W	C C		1993
S 4	S 3						
T21N R21W	C C						
	1993						
39.81	<p>The cor. of secs. 33 and 34, T. 22 N., R. 21 W., monumented with an iron post, 3 ins. diam., firmly set, projecting 24 ins. above ground, in a scattered mound of stone, with brass cap mkd. T22N R21W S33 S34 1915.</p> <p>Add the marks 1993 on the brass cap.</p>						

Dependent Resurvey of a Portion of the North Boundary,
T. 21 N., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS																			
	<p>Rebuild the mound of stone, 3 ft. base, to top.</p> <p>Cor. is located on the west slope of a lone butte.</p> <hr/>																		
36.165	<p>S. 89°58' W., along the S. bdy. of sec. 33, T. 22 N., R. 21 W.</p> <p>Point for the 1/4 sec. cor. of sec. 4 only, hereinafter described.</p>																		
39.97	<p>The 1/4 sec. cor. of sec. 33 only, T. 22 N., R. 21 W., monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, with a scattered mound of stone to the N., with brass cap mkd. 1/4 S33 1915.</p> <p>Add the marks T22N R21W 1993 on the brass cap</p> <p>Rebuild the mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <p>Cor. is located in a wash, 5 chs. wide, 10 ft. deep, drains WSW.</p> <hr/>																		
36.03	<p>S. 89°58' W., beginning new measurement.</p> <p>The closing cor. of secs. 4 and 5, monumented with an iron post, 2 ins. diam., firmly set, in a mound of stone, 3 ft. base, to top, projecting 9 ins. above ground, with a mound of stone to the S., with brass cap erroneously mkd.</p>																		
	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>T22N R21W</td> <td></td> <td>S33</td> </tr> <tr> <td>S32</td> <td> </td> <td></td> </tr> <tr> <td>C</td> <td> </td> <td>C</td> </tr> <tr> <td>S5</td> <td> </td> <td>S4</td> </tr> <tr> <td colspan="3" style="text-align: center;">T21N R21W</td> </tr> <tr> <td colspan="3" style="text-align: center;">1915</td> </tr> </table>	T22N R21W		S33	S32			C		C	S5		S4	T21N R21W			1915		
T22N R21W		S33																	
S32																			
C		C																	
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1915																			
	<p>Remark the brass cap to read</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>T22N R21W</td> <td></td> <td>S33</td> </tr> <tr> <td>C</td> <td> </td> <td>C</td> </tr> <tr> <td>S5</td> <td> </td> <td>S4</td> </tr> <tr> <td colspan="3" style="text-align: center;">T21N R21W</td> </tr> <tr> <td colspan="3" style="text-align: center;">1993</td> </tr> <tr> <td colspan="3" style="text-align: center;">1915</td> </tr> </table>	T22N R21W		S33	C		C	S5		S4	T21N R21W			1993			1915		
T22N R21W		S33																	
C		C																	
S5		S4																	
T21N R21W																			
1993																			
1915																			
	<p>Cor. is located 117 lks. S. of a barbed wire fence, bears E. and W., and 106 lks. N. of the left bank of a dry wash, 480 lks. wide, 5 ft. deep, drains W.</p>																		

Dependent Resurvey of a Portion of the North Boundary,
T. 21 N., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS	
40.02	<p>The cor. of secs. 32 and 33, T. 22 N., R. 21 W., monumented with an iron post, 3 ins. diam., firmly set, in a collar of stone, projecting 10 ins. above ground, with a scattered mound of stone to the N., with brass cap mkd. T22N R21W S32 S33 1915.</p> <p>Add the marks 1993 on the brass cap</p> <p>Rebuild the mound of stone, 3 ft. base, 2 ft. high, N. of cor.</p> <p>Cor. is located 250 lks. S. of a barbed wire fence, bears E and W., and 1 ch. N. of the left bank of a dry wash, 350 lks. wide, 5 ft. deep, drains W.</p> <hr/> <p>Dependent Resurvey, Portion of the Subdivisional Lines, T. 21 N., R. 21 W., Gila and Salt River Mer., Arizona</p> <hr/> <p>From the cor. of secs. 3, 4, 9, and 10, monumented with an iron post, 2 ins. diam., firmly set, in a scattered mound of stone, projecting 22 ins. above ground, with brass cap mkd. T21N R21W S3 S4 S9 S10 1915.</p> <p>Add the marks 1993 on the brass cap</p> <p>Rebuild the mound of stone, 3 ft. base, to top.</p> <p>Cor. is located on steep NW slope of ridge, bears NNE and SSW.</p> <p>From this cor. point, U.S. Coast and Geodetic Survey triangulation station "BULLSHFAD 1934", with published latitude of 35°12'59.546" N. and longitude of 114°32'09.409" W., NAD27, bears S. 59°02.2' W. (forward bearing), 100.83 chs. dist., monumented with a standard brass disk, cemented flush with the surface of granite bedrock, with top of disk mkd. BULLSHEAD 1934 and a triangle.</p> <p>N. 0°10' W., bet. secs. 3 and 4.</p>
24.40	<p>Point for A.P. 9, at intersection with line 2-3, Mohawk Ext. No. 10, MS 3985.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 N., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS	<div style="text-align: center; margin-bottom: 20px;"> <p>T21N R21W S 4 S 3 AP 9 ME 10 MS 3985 1993</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.</p> <p>Cor. is located 70 lks. N. of a wash, 50 lks. wide, 10 ft. deep, drains SW.</p> <p>From this cor. point, cor. 2, Mohawk Ext. No. 10, identical with cor. 4, Mohawk Ext. No. 11, MS 3985, also identical with A.P. 8, bears N. 62°48' W., 1.09 chs. dist., hereinafter described.</p> <p>From this same cor. point, cor. 3, Mohawk Ext. No. 10, MS 3985 identical with cor. 4, Mohawk Ext. No. 8, MS 3847, bears S. 62°48' E., 21.37 chs. dist., monumented with a wooden post, 1 1/2 ins. square, firmly set, in a collar of stone, projecting 32 ins. above ground, unknown origin. This is accepted as the best available evidence of the original cor. position.</p> <p>Not remonumented.</p> <p>39.08 Point for A.P. 1, in the center of Katherine Mine Road.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. below the surface of the ground, with brass cap mkd.</p> <div style="text-align: center; margin-bottom: 20px;"> <p>T21N R21W</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.</p> <p>from which</p>
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Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 N., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears N. 87°26' E., 71.4 ft. dist., with cap mkd. T21N R21W RM 71.4 FT TO COR AP1 S3 1993, and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post. Monument is located 66 lks. N. of Katherine Mine Road.</p> <p>Cor. is located in the center of Katherine Mine Road, graded dirt, 40 lks. wide, bears ESE and WNW.</p>
39.97	<p>Point for the 1/4 sec. cor. of secs. 3 and 4, at proportionate dist.; there is no remaining evidence of the original cor.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T21N R21W 1/4 S 4 S 3 1993</p> <p>from which</p> <p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 22 ins. in the ground, for a reference monument, bears S. 20°27' W., 118.9 ft. dist., with cap mkd. T21N R21W RM 118.9 FT TO COR 1/4 S4 1993, and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 25 ins. in the ground, for a reference monument, bears S. 73°51' W., 176.3 ft. dist., with cap mkd. T21N R21W RM 176.3 FT TO COR 1/4 S4 1993, and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p>Cor. is located 1 lk. S. of an iron pipe, 1 in. diam., 14 ins. long, lying horizontal, 14 ins. below the surface of the ground.</p>
95.35	<p>The closing cor. of secs. 3 and 4, hereinbefore described.</p> <p>From this cor. point, the cor. of secs. 33 and 34 only, T. 22 N., R. 21 W., bears West, 3.67 chs. dist., hereinbefore described.</p> <hr/>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 N., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From the cor. of secs. 3, 4, 9, and 10.</p>
	<p>S. 89°48' W., bet. secs. 4 and 9.</p>
9.88	<p>Intersect line 1-4, Mohawk Ext. No. 3, MS 3847.</p>
	<p>From this point, cor. 1, Mohawk Ext. No. 3, identical with cor. 1, Mohawk Ext. No. 2, MS 3847, and cor. 1, Mohawk Ext. No. 13, MS 3985, bears N. 19°23' E., 0.49 chs. dist., hereinafter described.</p>
39.90	<p>The 1/4 sec. cor. of secs. 4 and 9, monumented with an iron post, 1 in. diam., firmly set, in a scattered mound of stone, projecting 11 ins. above ground, with a mound of stone, 3 ft. base, 2 ft. high, to the N., with brass cap mkd. 1/4 S4 S9 1915</p> <p>Add the marks T21N R21W 1993 on the brass cap</p> <p>Rebuild the mound of stone, 3 ft. base, to top.</p> <hr/>
	<p>S. 89°44' W., beginning new measurement.</p>
39.96	<p>The cor. of secs. 4, 5, 8, and 9, monumented with an iron post, 2 ins. diam., firmly set, in a scattered mound of stone, projecting 18 ins. above ground, with a scattered mound of stone to the W., with brass cap mkd. T21N R21W S4 S5 S8 S9 1915.</p> <p>Add the marks 1993 on the brass cap</p> <p>Rebuild the mound of stone, 3 ft. base, to top, and the mound of stone, 3 ft. base, 2 ft. high, W. of cor.</p> <hr/>
	<p>N. 0°02' E., bet. secs. 4 and 5.</p>
39.91	<p>The 1/4 sec. cor. of secs. 4 and 5, monumented with an iron post, 1 in. diam., firmly set, in a collar of stone, projecting 8 ins. above ground, with brass cap mkd. 1/4 S5 S4 1915.</p> <p>Add the marks T21N R21W 1993 on the brass cap</p> <p>Cor. is located 60 lks. S. of a dry wash, 20 lks. wide, 1 ft. deep, drains W. and 80 lks. N. of a wooden post, 4 ins. square, firmly set, in a collar of stone, projecting 25 ins. above ground.</p> <hr/>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 21 N., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS	
55.72	<p>N. 0°08' W., beginning new measurement.</p> <p>The closing cor. of secs. 4 and 5, hereinbefore described.</p> <p>From this cor. point, the cor. of secs. 32 and 33 only, T. 22 N., R. 21 W., bears S. 89°58' W., 3.99 chs. dist., hereinbefore described.</p> <hr/> <p>The point for the 1/4 sec. cor. of sec. 4 only, T. 21 N., R. 21 W., is at midpoint on the N. bdy. of sec. 4.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, to bedrock, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T22N R21W ----- 1/4 S 4 T21N R21W 1993</p> <p>Chisel a cross (X) on the bedrock beneath the stainless steel post.</p> <p>Cor. is located 4 chs. S. of a barbed wire fence, bears E and W., and 120 lks. N. of the left bank of a dry wash, 375 lks. wide, 5 ft. deep, drains W.</p> <p>From this cor. point, the 1/4 sec. cor. of sec. 33 only, T. 22 N., R. 21 W., bears S. 89°58' W., 3.805 chs. dist., hereinbefore described.</p> <hr/> <p style="text-align: center;">Subdivision of Section 4, T. 21 N., R. 21 W., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From the 1/4 sec. cor. of secs. 4 and 9.</p> <p>N. 0°08' W., on the N. and S. center line of sec. 4.</p>
12.79	<p>Intersect line 1-2, Mohawk Ext. No. 14, MS 3985.</p> <p>From this point, the point for cor. 2, Mohawk Ext. No. 14, MS 3985 bears N. 69°44' W., 8.66 chs. dist., hereinafter described.</p>
22.48	<p>Intersect line 3-4, Mohawk Ext. No. 14, MS 3985.</p>

Subdivision of Section 4
T. 21 N., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS	
	From this point, cor. 3, Mohawk Ext. No. 14, MS 3985, bears N. 69°44' W., 5.40 chs. dist., hereinbefore described.
39.92	Point for the center 1/4 sec. cor. of sec. 4, at intersection with the E. and W. center line of sec. 4.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.
	<p style="text-align: center;">T21N R21W C1/4 S 4 1993</p>
	Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.
	Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
	Cor. is located 140 lks. S. of a wash, 170 lks. wide, 1 ft. deep, drains W.
44.25	Center of Katherine Mine Road, graded dirt, 40 lks. wide, bears E. and W.
95.47	The 1/4 sec. cor. of sec. 4 only, hereinbefore described.
	<hr/> <p>From the 1/4 sec. cor. of sec. 3 and 4.</p> <p>S. 89°44' W., on the E. and W. center line of sec. 4.</p>
1.73	Intersect line 1-2 of the metes and bounds survey, also the center of Katherine Mine Road, graded dirt, 40 lks. wide, bears ESE and WNW.
	From this point, A.P. 1, bears S. 63°02' E., 1.95 chs. dist., hereinbefore described.
22.83	Intersect line 6-7 of the metes and bounds survey.
	From this point, A.P. 6, bears N. 13°53' W., 6.31 chs. dist., hereinafter described.
39.87	The center 1/4 sec. cor. of sec. 4.
79.71	The 1/4 sec. cor. of secs. 4 and 5.
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Dependent Resurvey of a Portion of Mineral Survey Nos. 3847 and 3985,
T. 21 N., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS

Restoring the survey executed by
L. H. Foster, in 1922 and 1925

From A.P. 9, at intersection with line 2-3, Mohawk Ext. No. 10,
MS 3985, and the line bet. secs. 3 and 4, hereinbefore described.

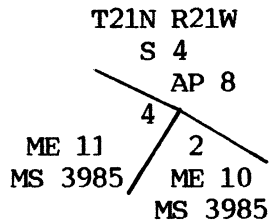
N. 62°48' W. along line 3-2, Mohawk Ext. No. 10, MS 3985.

1.09

Cor. 2, Mohawk Ext. No. 10, identical with cor. 4, Mohawk Ext.
No. 11, MS 3985, and A.P. 8, monumented with a wooden post,
3 1/2 ins. square, 46 ins. long, firmly set, in a collar of
stone, projecting 24 ins. above ground, no marks remaining, with
attached sign mkd. PRIVATE PROPERTY NO TRESPASSING MOHAWK MINING.

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam.,
24 ins. in the ground, with brass cap mkd.



1993

Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case
beneath the stainless steel post

Bury the wooden post alongside the stainless steel post.

From this cor. point, the west end center, Mohawk Ext. No. 10,
identical with the east end center, Mohawk Ext. No. 11, MS 3985,
bears S. 19°31' W., 4.54 chs. dist., monumented with a wooden
post, 3 1/2 ins. square, loosely set and leaning, projecting
35 ins. above ground, no marks remaining, witnessed by a steel
fence post encircled with a plastic traffic cone to the NNW.

Not remonumented.

N. 70°12'W. along line 4-3, Mohawk Ext. No. 11 MS 3985.

Dependent Resurvey of a Portion of Mineral Survey Nos. 3847 and 3985,
T. 21 N., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS	
21.24	<p>Cor. 3, Mohawk Ext. No. 11, MS 3985, identical with A.P. 7, monumented with a wooden post, 3 1/2 ins. square, 46 ins. long, firmly set, projecting 36 ins. above ground, no marks remaining, witnessed by a steel fence post encircled with a plastic traffic cone to the NE.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <div data-bbox="857 667 1036 892" style="text-align: center;"> </div> <p style="text-align: center;">1993</p> <p>Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post</p> <p>Bury the wooden post alongside the stainless steel post.</p> <p>Cor. is located 14 lks. W. of a trail road, bears N. and S.</p> <hr/> <p>S. 19°34' W. along line 3-2, Mohawk Ext. No. 11 MS 3985.</p>
9.10	<p>Cor. 2, Mohawk Ext. No. 11, identical with cor. 3, Mohawk Ext. No. 12, MS 3985, monumented with a wooden post, 3 1/2 ins. square, firmly set, projecting 24 ins. above ground, no marks remaining.</p> <p>Not remonumented.</p> <p>From this cor. point, cor. 1, Mohawk Ext. No. 11, identical with cor. 1, Mohawk Ext. No. 10, and cor. 4, Mohawk Ext. No. 12, MS 3985, and cor. 2, Mohawk Ext. No. 1, MS 3847, bears S. 70°14' E., 21.25 chs. dist., monumented with a wooden post, 3 1/2 ins. square, firmly set, in a mound of stone, 4 ft. base, 3 ft. high, projecting 25 ins. above ground, no marks remaining.</p> <p>Not remonumented.</p> <hr/>

Dependent Resurvey of a Portion of Mineral Survey Nos. 3847 and 3985,
T. 21 N., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS	
	S. 19°28' W. along line 3-2, Mohawk Ext. No. 12, MS 3985.
3.21	The west end center, Mohawk Ext. No. 12, MS 3985, monumented with a wooden post, 3 1/2 ins. square, firmly set, projecting 24 ins. above ground, no marks remaining. Not remonumented.
3.40	S. 19°33' W., beginning new measurement. Point for cor. 4, Mohawk Ext. No. 14, MS 3985, at proportionate dist.; there is no remaining evidence of the original cor., not monumented. From this cor. point, a steel fence post, encircled with a tire and plastic traffic cone, bears SSW., 2 lks. dist. Continue along line 3-2, Mohawk Ext. No. 12, identical with a portion of line 4-1, Mohawk Ext. No. 14, MS 3985.
4.53	Cor. 2, Mohawk Ext. No. 12, identical with cor. 3, Mohawk Ext. No. 13, MS 3985, monumented with a wooden post, 3 1/2 ins. square, firmly set, projecting 31 ins. above ground, faintly mkd. 21 on the W. face. Not remonumented.
3.27	S. 19°53' W. along line 3-2, Mohawk Ext. No. 13, identical with a portion of line 4-1, Mohawk Ext. No. 14, MS 3985. The east end center, Mohawk Ext. No. 14, MS 3985, monumented with a wooden post, 3 1/2 ins. square, firmly set, in a scattered mound of stone, projecting 31 ins. above ground, no marks remaining. Not remonumented.
1.27	S. 18°35' W., beginning new measurement. The west end center, Mohawk Ext. No. 13, MS 3985, monumented with a wooden post, 3 1/2 ins. square, firmly set, in a scattered mound of stone, projecting 30 ins. above ground, no marks remaining. Not remonumented.

Dependent Resurvey of a Portion of Mineral Survey Nos. 3847 and 3985,
T. 21 N., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS	<p>S. 19°33' W., beginning new measurement.</p>
3.41	<p>Point for cor. 1, Mohawk Ext. No. 14, MS 3985, at proportionate dist.; there is no remaining evidence of the original cor., not monumented.</p> <p>From this cor. point, a steel fence post, encircled with a tire, bears SSW., 9 lks. dist.</p>
4.55	<p>Cor. 2, Mohawk Ext. No. 13 MS 3985, monumented with a wooden post, 3 1/2 ins. square, firmly set, projecting 31 ins. above ground, no marks remaining, witnessed by a steel fence post to the NE.</p> <p>Not remonumented.</p> <hr/>
21.25	<p>S. 70°05'E. along line 2-1, Mohawk Ext. No. 13</p> <p>Cor. 1, Mohawk Ext. No. 13, MS 3985, identical with cor. 1, Mohawk Ext. No. 2, and cor. 1 Mohawk Ext. No. 3, MS 3847, monumented with a wooden post, 3 ins. square, firmly set, projecting 32 ins. above ground, no marks remaining, witnessed by a steel fence post.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> </div> <p>Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.</p> <p>Bury the wooden post alongside the stainless steel post.</p> <p>Cor. is located on steep N. face of hogback ridge between two shallow drainages, 25 lks. wide, course N.</p> <hr/>

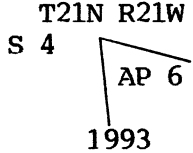
Dependent Resurvey of a Portion of Mineral Survey Nos. 3847 and 3985,
T. 21 N., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS	
	S. 19°23' W. along line 1-4, Mohawk Ext. No. 3, MS 3847.
0.49	Intersect the line bet. secs. 4 and 9.
	From this point, the cor. of secs. 3, 4, 9, and 10, bears N. 89°48" E., 9.88 chs. dist., hereinbefore described.
4.69	Cor. 4, Mohawk Ext. No. 3, MS 3847, monumented with a wooden post, 3 ins. square, firmly set, in a mound of stone, 3 ft. base, 1 ft. high, supporting E. side, projecting 18 ins. above ground, no marks visible, witnessed by a steel fence post.
	Rebuild the mound of stone to encircle the wooden post.
	Cor. is located on steep rocky SE slope.
	From the point for cor. 1, Mohawk Ext. No. 14, MS 3985.
	N. 69°44' W. along line 1-2, Mohawk Ext. No. 14, MS 3985.
11.31	Intersect the N. and S. center line of sec. 4.
	From this point, the 1/4 sec. cor. of secs. 4 and 9, bears S. 0°08' E., 12.79 chs. dist., hereinbefore described.
19.97	Point for cor. 2, Mohawk Ext. No. 14, MS 3985, determined parallel and equal distance to line 3-4 of this lode, there is no remaining evidence of the original cor., not monumented.
	From this cor. point, a steel fence post, encircled with a tire and plastic traffic cone, bears NNE., 5 lks. dist.
	N. 19°32' E. along line 2-3, Mohawk Ext. No. 14, MS 3985.
9.08	Cor. 3, Mohawk Ext. No. 14, MS 3985, monumented with a wooden post, 3 1/2 ins. square, firmly set, projecting 24 ins. above ground, mkd. MOHAWK on the N., E., and W. faces, witnessed by a steel fence post, encircled with a tire and plastic traffic cones, to the NNE.
	S. 69°44' E. along line 3-4, Mohawk Ext. No. 14, MS 3985.
5.40	Intersect the N. and S. center line of sec. 4.
	From this point, the center 1/4 sec. cor. of sec. 4, bears N. 0°08' W., 17.44 chs. dist., hereinbefore described.

Dependent Resurvey of a Portion of Mineral Survey Nos. 3847 and 3985,
T. 21 N., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS	
19.97	<p>Point for cor. 4, Mohawk Ext. No. 14, MS 3985, hereinbefore described.</p> <hr/> <p style="text-align: center;">Metes and Bounds Survey in Section 4, T. 21 N., R. 21 W., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From A.P. 1, on the line bet. secs. 3 and 4, hereinbefore described.</p> <p>N. 63°02' W., along line 1-2, identical with the center of Katherine Mine Road.</p>
1.95	<p>Intersect the E. and W. center line of sec. 4.</p> <p>From this point, the 1/4 sec. cor. of secs. 3 and 4, bears N. 89°44' E., 1.73 chs. dist., hereinbefore described.</p>
7.39	<p>Point for A.P. 2, and beginning of curve, not monumented.</p> <hr/> <p>Thence along a 1°47'40" circular curve to the left, having a radius of 3192.73 ft., a dist. of 9.03 chs. on the center of Katherine Mine Road, the chord of said arc bears N. 68°23' W., 9.02 chs. dist.</p>
9.03	<p>Point for A.P. 3, and end of curve, not monumented.</p> <hr/> <p>N. 73°44' W., along line 3-4.</p>
1.14	<p>Point for A.P. 4, and beginning of curve, not monumented.</p> <hr/> <p>Thence along a 7°41'51" circular curve to the left, having a radius of 744.33 ft., a dist. of 4.55 chs. on the center of Katherine Mine Road, the chord of said arc bears N. 85°17' W., 4.52 chs. dist.</p>
4.55	<p>Point for A.P. 5, and end of curve, not monumented.</p> <hr/> <p>S. 83°10' W., along line 5-6.</p>
3.81	<p>Point for A.P. 6, in the center of Katherine Mine Road.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 15 ins. below the surface of the ground, with brass cap mkd.</p>

Metes and Bounds Survey in Section 4,
T. 21 N., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS	
	
	<p>from which</p> <p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 25 ins. in the ground, for a reference monument, bears S. 8°19' E., 133.7 ft. dist., with cap mkd. T21N R21W RM 133.7 FT TO COR S4 AP6 1993, and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post. Monument is located in power line, bears E and W, and 2 lks. E of power pole No. CUC212228.</p> <p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 26 ins. in the ground, for a reference monument, bears N. 73°13' W., 109.8 ft. dist., with cap mkd. T21N R21W RM 109.8 FT TO COR S4 AP6 1993, and an arrow pointing to the cor. Deposit a magnet in a 1 x 1 x 2 ins. white plastic case beneath the stainless steel post.</p> <p>Deposit a magnet in a 1 x 1 x 2 ins. white colored plastic case beneath the stainless steel post.</p> <p>Cor. is located in the center of Katherine Mine Road, graded dirt, 40 lks. wide, bears E. and W.</p> <hr/> <p>S. 13°53' E., along line 6-7.</p> <p>6.31 Intersect the E. and W. center line of sec. 4.</p> <p>From this point, the center 1/4 sec. cor. of sec. 4, bears S. 89°44' W., 17.04 chs. dist., hereinbefore described.</p> <p>14.31 A.P. 7, identical with cor. 3, Mohawk Ext. No. 11 MS 3985, hereinbefore described.</p> <hr/> <p>S. 70°12' E. along line 7-8, identical with line 3-4, Mohawk Ext. No. 11, MS 3985.</p> <p>21.24 A.P. 8, identical with cor. 4, Mohawk Ext. No. 11, and cor. 2, Mohawk Ext. No. 10, MS 3985, hereinbefore described.</p> <hr/>

Metes and Bounds Survey in Section 4,
T. 21 N., R. 21 W., Gila and Salt River Meridian, Arizona

CHAINS	<p>S. 62°48' E. along line 8-9, identical with line 2-3, Mohawk Ext. No. 10, MS 3985.</p>
1.09	<p>A.P. 9, on line bet. secs. 3 and 4, hereinbefore described.</p> <hr style="width: 30%; margin: 10px auto;"/> <p>N. 0°10' W., along line 9-1, bet. secs. 3 and 4.</p>
14.68	<p>A.P. 1, and point of beginning.</p> <hr style="width: 80%; margin: 10px auto;"/> <p style="text-align: center;">General Description</p> <p>This survey is located in the Lake Mead National Recreation Area, approximately 6.4 miles northeast of Bull Head City, Arizona and approximately 2.5 miles east of Lake Mohave. Elevation is approximately 1200 feet above sea level. The land is generally flat with one isolated butte in the northeast corner of section 4. The vegetation is predominately sparse native grasses, sagebrush, rabbit brush, and cacti. The soil is sand and sandy loam. There are three residences in the southeast quarter of section 4, situated on MS 3985.</p> <p>Access is by way of Arizona State Highway No. 68 to the paved road to Katherine's Landing, thence northeasterly on the Katherine Mine Road for approximately 2.5 miles. A.P. 1 of the metes and bounds survey is located in the center of Katherine Mine Road, on the line between sections 3 and 4.</p> <hr style="width: 80%; margin: 10px auto;"/>

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Cheryl A. Baier	Surveying Technician
Clinton T. Lancaster	Surveying Technician
Wallace R. Ott, Jr.	Surveying Technician
Timothy F. Patro	Surveying Technician
Fernando V. Garcia	Surveying Aide

CERTIFICATE OF SURVEY

I, Olian T. Shockley, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 12th day of May, 1993, I have dependently resurveyed a portion of the north boundary, a portion of the subdivisional lines, and a portion of Mineral Survey Nos. 3847 and 3985, and the subdivision and a metes and bounds survey in section 4 of Township 21 North, Range 21 West, of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

11/08/93

(Date)

Olian T. Shockley

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BURFAU OF LAND MANAGEMENT
Arizona State Office
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the north boundary, a portion of the subdivisional lines, and a portion of Mineral Survey Nos. 3847 and 3985, and the subdivision and a metes and bounds survey in section 4 of Township 21 North, Range 21 West, Gila and Salt River Meridian, Arizona, executed by Olian T. Shockley, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

NOV 8 1993

(Date)

James P. Kelley

(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. 21 N., R. 21 W., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

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