

Form 9180-6
(April 1974)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

SURVEY OF THE NORTH BOUNDARY

AND

A PORTION OF THE SUBDIVISIONAL LINES

AND THE

DEPENDENT RESURVEY OF A PORTION

OF THE SUBDIVISIONAL LINES

AND

SURVEY OF THE SUBDIVISION OF SECTION 13

TOWNSHIP 30 NORTH, RANGE 16 WEST

Of the GILA AND SALT RIVER Meridian,

In the State of ARIZONA

EXECUTED BY

LEONARD W. MURPHY

SUPERVISORY CADASTRAL SURVEYOR

RAY HARPIN

SUPERVISORY CADASTRAL SURVEYOR

Under special instructions dated JANUARY 25, 19 72, approved FEBRUARY 4, 1972,

AND SUPPLEMENTAL SPECIAL INSTRUCTIONS DATED JANUARY 25, 1977, APPROVED

FEBRUARY 9, 1977

, which provided for the surveys included under U.S. Survey/Group

Number 542, and assignment instructions dated FEBRUARY 18, 19 72.

AND JUNE 8, 1973

Survey commenced FEBRUARY 25, 19 72

Survey completed FEBRUARY 11, 19 77

INDEX DIAGRAM

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Subdivision of section 13 P. 15 - 17

T. 30 N., R. 16 W., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the survey of the north boundary and a portion of the subdivisional lines and the dependent resurvey of a portion of the subdivisional lines, and the survey of the subdivision of Section 13, Township 30 North, Range 16 West, Gila and Salt River Meridian, Arizona.

The east boundary was surveyed by S. F. Walters, in 1916. The south boundary was surveyed by E. J. Lange, in 1916 and 1917. A portion of the west boundary was surveyed by D. R. Averill, in 1917. A portion of the subdivisional lines was surveyed by J. C. Hooper, in 1916 and 1917.

The survey was executed in accordance with specifications set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions for Group No. 542, Arizona, dated January 25, 1972, and the Supplemental Special Instructions dated January 25, 1977.

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 restored and described in their original positions; lost corners were restored and monumented at proportionate positions based on the original record. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of the lines were determined by solar transit method and direct solar observations. They refer to the true meridian.

The geographic position of the corner of sections 13, 18, 19, and 24, on the east boundary of the township, as scaled from the Geological Survey quadrangle map, "GRAPE-VINE CANYON," 1968, is as follows:

Latitude 35° 58.9' N. Longitude 113° 56.5' W.

The mean magnetic declination is 14 3/4° E.

North Boundary of T. 30 N., R. 16 W.
Gila and Salt River Meridian, Arizona

Beginning at the cor. of Tps. 30 and 31 N., Rs. 15 and 16 W., monumented with an iron post, 3 ins. diam., firmly set, projecting 20 ins. above a mound of stone, 3 ft. base, with brass cap mkd.

T31N
R16W R15W
S 36 | S 31
S 1 | S 6
T30N

1916

Cor. is located on W. slope.

S. 89° 57' W., bet. secs. 1 and 36.

Descend W. slope.

N. Bdy. of T. 30 N., R. 16 W., G&SR Mer., Arizona

CHAINS	
3.50	Bottom of ravine, drains NW, ascend steep E. slope.
29.60	Rim of spur, bears N. and S., descend W. slope.
40.00	Point for the 1/4 sec. cor. of secs. 1 and 36. Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	<p>T31N R16W 1/4 $\frac{S\ 36}{S\ 1}$ T30N 1972</p>
	Raise a mound of stone, 4 ft. base, 2 ft. high, N. of the cor. Cor. is located on W. slope.
51.50	Bottom of canyon, drains irregularly N., ascend steep E. wall of canyon.
58.50	End major ascent, along gentle S. slope.
76.70	Point selected for witness cor. to the cor. of secs. 1, 2, 35, and 36. Set an iron post, 28 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, over a cross, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.
	<p>T31N R16W W C ← $\frac{S\ 35\ S\ 36}{S\ 2\ S\ 1}$ T30N 1972</p>
	Raise a mound of stone, 2 ft. base, 2 ft. high, N. of the cor. Cor. is located near the W. rim of Grand Wash Cliffs.
77.00	Descend steep W. slope of Grand Wash Cliffs.
80.00	True point for the cor. of secs. 1, 2, 35, and 36 falls on vertical wall where the point cannot be perpetuated. Land, mountainous. Soil, very rocky. No timber; undergrowth, cacti, catclaw and joshua trees.
	S. 89° 57' W., bet. secs. 2 and 35.
	Descend steep W. slope of Grand Wash Cliffs.
29.00	Slope changes from W. to N. slope.

N. Bdy. of T. 30 N., R. 16 W., G&SR Mer., Arizona

CHAINS	
40.00	<p>Point for the 1/4 sec. cor. of secs. 2 and 35.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 9 ins. in the ground to bedrock, over a cross, and in a mound of stone, 3½ ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T31N R16W 1/4 $\frac{S\ 35}{S\ 2}$ T30N 1972</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, N. of the cor.</p> <p>Cor. is located on a NW slope.</p>
41.90	Small wash, drains N., ascend along N. slope.
52.50	Crest of spur, bears N. and S., descend W. slope.
60.00	Slope changes from W. to N.
80.00	<p>Point for the cor. of secs. 2, 3, 34, and 35.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T31N R16W $\frac{S\ 34\ S\ 35}{S\ 3\ S\ 2}$ T30N 1972</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, N. of the cor.</p> <p>Cor. is located on a gentle N. slope.</p> <p>Land, rolling and broken. Soil, rocky and gravelly. No timber; undergrowth, cacti, desert sage, and catclaw.</p>
	<p>S. 89° 57' W., bet. secs. 3 and 34.</p> <p>Descend along N. slope.</p>
30.00	Dry wash, 20 lks. wide, 1 ft. deep, drains SW, ascend along SE slope.
38.50	Crest of small hill, descend along SW slope.
40.00	<p>Point for the 1/4 sec. cor. of secs. 3 and 34.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, over a cross, and in a mound of stone, 2½ ft. base to top, with brass cap mkd.</p>

CHAINS	
	<p style="text-align: center;">T31N R16W $\frac{1}{4}$ $\frac{S\ 34}{S\ 3}$ T30N 1972</p> <p>Raise a mound of stone, 2 ft. base, 2 ft. high, N. of the cor.</p> <p>Cor. is located on a gentle SW slope.</p>
41.50	Wash, 50 lks. wide, 1 ft. deep, drains NW, ascend E. slope.
61.00	Crest of low spur, bears NW and SE, descend gentle W. slope.
65.00	Slope changes from W. to N.
80.00	Point for the cor. of secs. 3, 4, 33, and 35.
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T31N R16W $\frac{S\ 33\ S\ 34}{S\ 4\ S\ 3}$ T30N 1972</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, N. of the cor.</p> <p>Cor. is located on a gentle N. slope, 1½ chs. N. of a dry wash which drains W.</p> <p>Land, rolling and broken. Soil, rocky and gravelly. No timber, undergrowth, cacti, mormon tea, and rabbit brush.</p>
	<p>S. 89° 57' W., bet. secs. 4 and 33.</p> <p>Descend along N. slope.</p>
20.00	Dry wash, 5 lks. wide, 1 ft. deep, drains SW, ascend along gentle S. slope.
29.00	Crest of spur, bears NE and SW, descend W. slope.
40.00	Point for the 1/4 sec. cor. of secs. 4 and 33.
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, in a mound of stone, to top, with brass cap mkd.</p>

N. Bdy. of T. 30 N., R. 16 W., G&SR Mer., Arizona

CHAINS	
	<p style="text-align: center;">T31N R16W 1/4 $\frac{S\ 33}{S\ 4}$ T30N 1972</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, N. of the cor.</p> <p>Cor. is located on W. slope, 3 chs. E. of dry wash, drains NW.</p> <p>43.00 Dry wash, 30 lks. wide, 4 ft. deep, drains NW, ascend E. slope.</p> <p>50.00 Over nearly level mesa top.</p> <p>79.50 The point for the closing cor. of secs. 4 and 5, hereinafter described.</p> <p>80.00 Point for the cor. of secs. 32 and 33.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 15 ins. in the ground to bedrock, and in a mound of stone, 2 ft. base to top, with brass cap mkd.</p> <p style="text-align: center;">T31N R16W $\frac{S\ 32}{S\ 5}$ $\frac{S\ 33}{S\ 5}$ T30N R16W 1972</p> <p>Raise a mound of stone, 2 ft. base, 2 ft. high, W. of the cor.</p> <p>Land, rolling and broken. Soil, rocky, gravelly. No timber; undergrowth, cacti, creosote bush, and joshua.</p> <hr/> <p>S. 89° 57' W., bet. secs. 5 and 32.</p> <p>Over nearly level mesa top.</p> <p>17.00 Descend steep W. slope into Grapevine Wash.</p> <p>29.00 Grapevine Wash, 2 chs. wide, 6 ins. deep, drains N., ascend vertical E. slope.</p> <p>34.00 End ascent, over rolling hills.</p> <p>40.00 Point for the 1/4 sec. cor. of secs. 5 and 32.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T31N R16W 1/4 $\frac{S\ 32}{S\ 5}$ T30N 1972</p>

N. Bdy. of T. 30 N., R. 16 W., G&SR Mer., Arizona

CHAINS	
50.00	<p>Raise a mound of stone, 2 ft. base, 2 ft. high, N. of the cor.</p> <p>Cor. is located on a NW slope.</p> <p>Ascend gentle E. slope.</p>
79.00	<p>End ascent, along N. slope.</p>
80.00	<p>Point for the cor. of secs. 5, 6, 31, and 32.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, and in a mound of stone, 2½ ft. base, to top, with brass cap mkd.</p>
<p>T31N R16W S 31 S 32 S 6 S 5 T30N</p>	
<p>1972</p>	
8.50	<p>Raise a mound of stone, 2 ft. base, 2 ft. high, N. of the cor.</p> <p>Cor. is located on a W. slope approximately 3 chs. SE of deep ravine.</p> <p>Land, rolling and broken. Soil, rocky, gravelly. No timber; undergrowth, cacti, creosote bush, joshua, and rabbit brush.</p>
38.00	<p>S. 89° 57' W., bet. secs. 6 and 31.</p> <p>Along N. slope.</p> <p>Dry wash in deep ravine, drains NE, ascend along steep S. slope.</p> <p>End ascent, along steep S. slope over boulder field.</p>
39.80	<p>Crest of rim, bears N. and S., descend W. slope.</p>
40.00	<p>Point for the 1/4 sec. cor. of secs. 6 and 31.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 6 ins. in the ground to bedrock, over a cross, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p>
<p>T31N R16W 1/4 S 31 S 6 T30N</p>	
<p>1972</p>	
	<p>Raise a mound of stone, 3 ft. base, 2 ft. high, N. of the cor.</p> <p>Cor. is located on W. slope 20 lks. W. of a rock rim and 3 chs. E. of a dry wash, drains SE.</p>

N. Bdy. of T. 30 N., R. 16 W., G&SR Mer., Arizona

CHAINS		
	Descend along W. slope.	
43.00	Dry wash, 30 lks. wide, 1 ft. deep, drains SE, ascend gentle E. slope of Grapevine Mesa.	
78.56	The cor. of Tps. 30 and 31 N., Rs. 16 and 17 W., monumented with an iron post, 3 ins. in diam., firmly set, projecting 18 ins. above a mound of stone, 2 ft. base, with brass cap mkd.	
	T31N R17W R16W <u>S 36 S 31</u> S 1 S 6 T30N 1917	
	Land, rolling. Soil, rocky and gravelly. No timber; undergrowth, cacti and native grasses.	
	Dependent Resurvey, Portion of the Subdivisional Lines T. 30 N., R. 16 W., G&SR Mer., Arizona	
	Restoring the survey executed by J. C. Hooper in 1916 and 1917	
	From the cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the Tp., monumented with an iron post, 3 ins. diam., firmly set, in a mound of stone, 3½ ft. base, 36 ins. high, with brass cap mkd.	
	T30N R16W R15W <u>S 13 S 18</u> S 24 S 19 1916	
	Reset the iron post, 3 ins. diam., 36 ins. long, 10 ins. in the ground, to bedrock, and in a mound of stone, 3½ ft. base, to top of brass cap.	
	Set a steel fence post, 5 ft. long, alongside the cor.	
	N. 89° 57' W., bet. secs. 13 and 24.	
	Over rolling desert, through scattering joshua trees and grasses.	
20.01	Point for the E 1/16 sec. cor. of secs. 13 and 24.	
	Set an iron post, 28 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with brass cap mkd.	
	E 1/16 <u>S 13</u> <u>S 24</u> 1973	

Dependent Resurvey, Portion of the Subdivisional Lines
T. 30 N., R. 16 W., G&SR Mer., Arizona

CHAINS	
	Set a steel fence post, 5 ft. long, alongside the cor.
26.50	Spur, slopes NW, descend gentle SW slope.
29.90	Descend steep SW slope.
40.02	The 1/4 sec. cor. of secs. 13 and 24, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd.
	<p style="text-align: center;">T30N R16W 1/4 $\frac{S\ 13}{S\ 24}$ 1916</p>
	Set a steel fence post, 5 ft. long, alongside the cor.
	From the 1/4 sec. cor. of secs. 13 and 14, monumented with an iron post, 1 in. diam., firmly set, projecting 20 ins. above the ground, in a scattered mound of stone, with a mound of stone, 2½ ft. base, 1½ ft. high, W. of the cor., with brass cap mkd.
	<p style="text-align: center;">1/4 S 14 S 13 1917</p>
	Rebuild the mound of stone, 3 ft. base, to top of brass cap.
	Set a steel fence post, 5 ft. long, alongside the cor.
	N. 0° 08' W., bet. secs. 13 and 14.
	Over rolling desert, through scattering joshua trees and grasses.
30.30	Spur, slopes W., descend steep NW slope.
40.15	The cor. of secs. 11, 12, 13, and 14, monumented with an iron post, 2 ins. diam., firmly set, projecting 30 ins. from the ground, in a mound of stone, 2½ ft. base, 24 ins. high, with a mound of stone, 2½ ft. base, 1½ ft. high, W. of cor., with brass cap mkd.
	<p style="text-align: center;">T30N R16W S 11 S 12 S 14 S 13 1917</p>
	Rebuild the mound of stone, 4 ft. base, to top of brass cap.
	Set a steel fence post, 5 ft. long, alongside the cor.

Dependent Resurvey, Portion of the Subdivisional Lines
T. 30 N., R. 16 W., G&SR Mer., Arizona

CHAINS		
	<p>N. 0° 01' W., bet. secs. 11 and 12.</p>	
	<p>Over rolling desert, through scattering joshua trees and grasses.</p>	
39.53	<p>Point selected for the witness cor. to the 1/4 sec. cor. of secs. 11 and 12.</p>	
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 15 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p>	
	<p>T30N R16W W C 1/4 S 11 ↑ S 12 1973</p>	
	<p>Set a steel fence post, 5 ft. long, alongside the cor.</p>	
40.03	<p>Point for the 1/4 sec. cor. of secs. 11 and 12 in a dry wash, drains NE, at proportionate distance; there is no remaining evidence of the original corner.</p>	
50.80	<p>Spur, slopes E., descend steep NE slope.</p>	
79.20	<p>Prominent spur, slopes E., descend steep N. slope.</p>	
80.06	<p>The cor. of secs. 1, 2, 11, and 12, monumented with an iron post, 2 ins. diam., firmly set, projecting 24 ins. above the ground, in a mound of stone, 24 ins. high, and a mound of stone, 3 ft. base, 1½ ft. high, W. of the cor., with brass cap mkd.</p>	
	<p>T30N R16W S 2 S 1 S 11 S 12 1917</p>	
	<p>Rebuild the mound of stone, 4 ft. base, to top of brass cap.</p>	
	<p>Set a steel fence post, 5 ft. long, alongside the cor.</p>	
	<p>N. 89° 41' W., bet. secs. 2 and 11.</p>	
	<p>Over rolling land through scattering joshua trees and grasses.</p>	
29.32	<p>Vertical Grand Wash Cliffs, bears NE and SW. Raise a mound of stone, 3 ft. base, 1½ ft. high, on line.</p>	
	<p>Descend vertical to steep cliffs.</p>	
39.94	<p>Point for the 1/4 sec. cor. of secs. 2 and 11, at proportionate distance on inaccessible W. slope.</p>	

Dependent Resurvey, Portion of the Subdivisional Lines
T. 30 N., R. 16 W., G&SR Mer., Arizona

CHAINS	
40.28	<p>The witness cor. to the 1/4 sec. cor. of secs. 2 and 11, monumented with an iron post, 1 in. diam., firmly set, in a mound of stone, 2½ ft. base, 1½ ft. high, to top, with a mound of stone, 2 ft. base, 1½ ft. high, N. of the cor., with brass cap mkd.</p> <p style="text-align: center;"> $1/4 \xrightarrow[\text{S } 11]{\text{S } 2} \text{ W C}$ 1917 </p>
70.90	<p>Dry wash, 80 lks. wide, course NW.</p>
79.88	<p>The cor. of secs. 2, 3, 10, and 11, monumented with an iron post, 1 in. diam., firmly set, projecting 3 ins. above a mound of stone, 2 ft. base, with brass cap mkd.</p> <p style="text-align: center;"> $\begin{array}{c} \text{T30N R16W} \\ \hline \text{S } 3 \text{S } 2 \\ \hline \text{S } 10 \text{S } 11 \end{array}$ 1917 </p> <p>Cor. is located at N. face of rim rock.</p>
	<p>From the cor. of secs. 8, 9, 16 and 17, monumented with an iron post, 2 ins. diam., projecting 8 ins. above collar of stone, 2½ ft. base, with brass cap mkd.</p> <p style="text-align: center;"> $\begin{array}{c} \text{T30N R16W} \\ \hline \text{S } 8 \text{S } 9 \\ \hline \text{S } 17 \text{S } 16 \end{array}$ 1917 </p> <p>Rebuild the mound of stone, 2 ft. base, 2 ft. high, W. of the cor.</p> <p>Add the marks 1972 on the brass cap.</p> <p>N. 0° 13' W., bet. secs. 8 and 9.</p> <p>Descend NE slope.</p>
1.20	<p>Dry wash, 5 lks. wide, 2 ft. deep, drains NW, ascend along SW. slope.</p>
10.00	<p>Crest of low spur, bears NW and SE, descend along NE slope.</p>
16.00	<p>Dry wash, drains NW, ascend S. slope.</p>
38.50	<p>End ascent, over level mesa top.</p>
39.86	<p>The 1/4 sec. cor. of secs. 8 and 9, monumented with an iron post, 1 in. diam., projecting 4 ins. above a mound of stone, 2½ ft. base, with brass cap mkd.</p> <p style="text-align: center;"> $1/4$ $\text{S } 8 \text{S } 9$ 1917 </p>

Dependent Resurvey, Portion of the Subdivisional Lines
T. 30 N., R. 16 W., G&SR Mer., Arizona

CHAINS					
	<p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of the cor.</p> <p>Cor. is located on level mesa top.</p> <hr/> <p>N. 0° 03' W., beginning new measurement.</p> <p>Over rolling land.</p>				
2.20	Descend over series of low spurs sloping NW.				
36.00	Dry wash, 30 lks. wide, 2 ft. deep, drains W., ascend gentle S. slope.				
40.14	The cor. of secs. 4, 5, 8, and 9, monumented with an iron post, 2 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd.				
	<p>T30N R16W</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 5</td> <td style="padding: 0 5px;">S 4</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 8</td> <td style="padding: 0 5px;">S 9</td> </tr> </table> <p>1917</p>	S 5	S 4	S 8	S 9
S 5	S 4				
S 8	S 9				
	<p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of the cor.</p> <hr/> <p>From the cor. of secs. 17, 18, 19, and 20, monumented with an iron post, rusted and deteriorated, 2 ins. diam., projecting 11 ins. above a mound of stone, brass cap improperly mkd., T29N R17W S17 S18 S19 S20 1917.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p>				
	<p>T30N R16W</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 18</td> <td style="padding: 0 5px;">S 17</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S 19</td> <td style="padding: 0 5px;">S 20</td> </tr> </table> <p>1972</p>	S 18	S 17	S 19	S 20
S 18	S 17				
S 19	S 20				
	<p>Bury the iron post alongside the cor.</p> <p>Rebuild the mound of stone, 4 ft. base, 2½ ft. high, W. of the cor.</p> <p>N. 89° 57' W., bet. secs. 18 and 19.</p>				
1.00	Center of Grapevine Wash, 1 ch. wide, drains northerly, ascend E. slope.				
26.00	Top of low ridge, bears N. and S., descend gentle W. slope.				
31.30	Top of low ridge, bears N. and S.				
39.78	The 1/4 sec. cor. of secs. 18 and 19, monumented with an iron post, 1 in. diam., projecting 18 ins. above collar of stone, 1½ ft. base, with brass cap mkd.				

Dependent Resurvey, Portion of the Subdivisional Lines
T. 30 N., R. 16 W., G&SR Mer., Arizona

CHAINS	
	$1/4 \begin{array}{l} S 18 \\ S 19 \end{array}$ <p>1917</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, N. of the cor.</p> <p>Cor. is located on a gentle NW slope, 1 chain S. of small wash, drains N.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 89° 57' W., beginning new measurement.</p> <p>Over series of low ridges sloping generally NW.</p>
39.65	<p>The cor. of secs. 13, 18, 19, and 24, on the W. bdy. of the Tp., monumented with an iron post, 3 ins. diam., set, mkd. and witnessed as recorded in the field notes of the dependent resurvey of a portion of the subdivisional lines, T. 30 N., R. 17 W., executed concurrently under this same group.</p> <hr/> <p>From the cor. of secs. 17, 18, 19, and 20.</p> <p>N. 0° 25' W., bet. secs. 17 and 18.</p>
0.80	Center of dry wash, 1 ch. wide, drains N.
13.00	Ascend steep SE slope.
18.85	Top of low spur, bears NE and SW, over series of low ridges.
40.07	<p>The 1/4 sec. cor. of secs. 17 and 18, monumented with an iron post, 1 in. diam., projecting 20 ins. above a loose mound of stone, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> $1/4$ $S 18 \mid S 17$ <p>1917</p> </div> <p>Reset the iron post, at the same point, 28 ins. in the ground.</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of the cor.</p> <p>Add the marks 1972 on the brass cap.</p> <p>Cor. is located on a gentle SE slope.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0° 12' W., beginning new measurmeent.</p> <p>Ascend SE slope.</p>
11.00	Crest of low spur, bears NE and SW, descend along E. slope.

Dependent Resurvey, Portion of the Subdivisional Lines
T. 30 N., R. 16 W., G&SR Mer., Arizona

CHAINS	
40.00	<p>The cor. of secs. 7, 8, 17, and 18, monumented with an iron post, 2 ins. diam., projecting 16 ins. above a loose mound of stone, with brass cap mkd.</p> <p style="text-align: center;">T30N R16W S 7 S 8 S 18 S 17</p> <p style="text-align: center;">1916</p> <p>Reset the iron post, at the same point, 28 ins. in the ground.</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of the cor.</p> <p>Add the marks 1972 on the brass cap.</p> <p>Cor. is located on gentle W. slope.</p>
37.89	<p>From the cor. of secs. 8, 9, 16, and 17.</p> <p>S. 89° 53' W., bet. secs. 8 and 17.</p> <p>Over rolling land.</p> <p>Point selected for the witness cor. to the 1/4 sec. cor. of secs. 8 and 17.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T30N R16W W C 1/4 ← S 8 S 17</p> <p style="text-align: center;">1972</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, N. of the cor.</p> <p>Cor. is located on a gentle W. slope above wash.</p>
39.89	<p>True point for the 1/4 sec. cor. of secs. 8 and 17, at proportionate distance; there is no remaining evidence of the original corner, and falls in center of Grapevine Wash, approximately 2 chs. wide, drains N., impracticable to monument.</p> <p>Ascend steep E. slope.</p>
60.30	<p>End ascent, over mesa top.</p>
63.80	<p>Descend W. slope.</p>
79.78	<p>The cor. of secs. 7, 8, 17, and 18.</p>

Survey, Portion of the Subdivisional Lines
T. 30 N., R. 16 W., G&SR Mer., Arizona

CHAINS	
	<p>From the cor. of secs. 2, 3, 10, and 11, hereinbefore described.</p> <p>N. 0° 07' W., bet. secs. 2 and 3.</p> <p>Over series of ridges projecting W.</p>
31.60	Top of spur, slopes W, along W. slope of Grand Wash Cliffs.
40.00	Point for the 1/4 sec. cor. of secs. 2 and 3.
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T30N R16W 1/4 S 3 S 2 1972</p>
	<p>Raise a mound of stone, 2 ft. base, 2 ft. high, W. of the cor.</p> <p>Cor. is located on a W. slope.</p>
61.00	Deep ravine, drains W., ascend steep SW slope.
64.00	Crest of ridge, bears E. and W.
66.00	Descend along NW slope.
79.77	<p>The cor. of secs. 2, 3, 34, and 35, on the N. bdy. of the Tp., hereinbefore described.</p> <p>Land, broken, mountainous. Soil, rocky No timber; undergrowth, cacti, shadscale, and rabbit brush.</p>
	<p>From the cor. of secs. 4, 5, 8, and 9, hereinbefore described.</p> <p>N. 0° 03' W., bet. secs. 4 and 5.</p> <p>Ascend S. slope.</p>
1.80	End ascend, ridge bears E. and W., over nearly level land.
35.00	Descend N. slope.
40.00	<p>The point for the 1/4 sec. cor. of secs. 4 and 5.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 10 ins. in the ground to bedrock, over a cross, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p>

Survey, Portion of the Subdivisional Lines
T. 30 N., R. 16 W., G&SR Mer., Arizona

CHAINS		
	<p style="text-align: center;">T30N R16W 1/4 S 5 S 4 1972</p> <p>Raise a mound of stone, 3 ft. base, 2 ft. high, W. of the cor.</p> <p>Cor. is located on a N. slope.</p>	
46.00	Bottom of ravine, drains W.	
48.00	Ascend steep S. slope.	
54.00	Crest of low spur, bears E. and W., over series of low spurs sloping toward Grapevine Wash.	
79.73	Intersect the N. bdy. of the Tp., point for the closing cor. of secs. 4 and 5.	
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 15 ins. in the ground to bedrock, and in a collar of stone, 2 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T31N R16W S 33 S 5 S 4 T30N R16W C C 1972</p> <p>Raise a mound of stone, 2 ft. base, 2 ft. high, S. of the cor.</p> <p>From this point, the cor. of secs. 32 and 33, Tp. 31 N., R. 16 W., bears S. 89° 57' W., 50 lks. dist., hereinbefore described.</p> <p>Land, rolling and broken. Soil, rocky and gravelly. No timber; undergrowth, creosote bush, joshua, and cacti.</p>	
	<p>Subdivision of Section 13 T. 30 N., R. 16 W., G&SR Mer., Arizona</p>	
	<p>From the 1/4 sec. cor. of secs. 13 and 24, hereinbefore described.</p> <p>N. 0° 08' W., on the N. and S. center line of sec. 13.</p> <p>Ascend rolling W. and SW slopes through scattering joshua trees and grasses.</p>	
33.00	Thence along W. slope.	
39.90	Point for the C 1/4 sec. cor. of sec. 13, at the intersection with the E. and W. center line.	
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 8 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p>	

Subdivision of Section 13
T. 30 N., R. 16 W., G&SR Mer., Arizona

CHAINS	
	<p style="text-align: center;">T30N R16W C 1/4 S 13</p> <p style="text-align: center;">1973</p> <p>Set a steel fence post, 5 ft. long, alongside the cor. Cor. is located on a prominent knoll. Descend N. slope.</p>
79.87	<p>The 1/4 sec. cor. of secs. 12 and 13, monumented with an iron post, 1 in. diam., firmly set, projecting 20 ins. above ground, in a scattering mound of stone, with a mound of stone, 3 ft. base, 1½ ft. high, N. of the cor., with brass cap mkd.</p> <p style="text-align: center;">1/4 $\frac{S\ 12}{S\ 13}$</p> <p style="text-align: center;">1917</p> <p>Rebuild the mound of stone, 3 ft. base, to top of brass cap. Set a steel fence post, 5 ft. long, alongside the cor.</p>
	<p>From the 1/4 sec. cor. of secs. 13 and 18, on the E. bdy. of the Tp., monumented with an iron post, 1 in. diam., loosely set projecting 18 ins. above a mound of stone, 2 ft. base, 1½ ft. high, with a mound of stone, 2½ ft. base, 1½ ft. high, W. of the cor., with brass cap mkd.</p> <p style="text-align: center;">1/4 S 13 S 18</p> <p style="text-align: center;">1916</p> <p>Reset the iron post, 1 in. diam., 36 ins. long, 10 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top of brass cap. Set a steel fence post, 5 ft. long, alongside the cor. S. 89° 51' W., on the E. and W. center line of sec. 13. Ascend steep E. slope, through scattering cedar and joshua.</p>
3.00	Over rolling dessert.
20.08	<p>Point for the C-E 1/16 sec. cor. of sec. 13.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p>

Subdivision of Section 13
T. 30 N., R. 16 W., G&SR Mer., Arizona

CHAINS	
	<p style="text-align: center;">C E 1/16 S 13</p>
	<p style="text-align: center;">1973</p>
	<p>Set a steel fence post, 5 ft. long, alongside the cor.</p>
	<p>Cor. is located in valley.</p>
	<p>Ascend NE slope, through scattering joshua trees and grasses.</p>
38.70	<p>Spur, slopes N., descend gentle W. slope.</p>
40.16	<p>The C 1/4 sec. cor. of sec. 13.</p>
60.28	<p>Point for the C-W 1/16 sec. cor. of sec. 13.</p>
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">C W 1/16 S 13</p>
	<p style="text-align: center;">1973</p>
	<p>Set a steel fence post, 5 ft. long, alongside the cor.</p>
	<p>Cor. is located in a wide grass valley.</p>
80.40	<p>The 1/4 sec. cor. of secs. 13 and 14.</p>
	<p>From the E 1/16 sec. cor. of secs. 13 and 24.</p>
	<p>N. 0° 02' W., on the N. and S. center line of the SE 1/4 of sec. 13.</p>
	<p>Over rolling land, through scattering joshua trees and grasses.</p>
39.97	<p>The C-E 1/16 sec. cor. of sec. 13.</p>
	<p style="text-align: center;">GENERAL DESCRIPTION</p>
	<p>The area encompassed by this survey lies approximately four miles east of the center of Meadview, a rather recent subdivision.</p>
	<p>The only road into the survey area is the unimproved road to the "Lucky 7" well, thence in Grapevine Wash. All land in this township drains into Grapevine Wash which in turn drains northerly into Lake Mead.</p>
	<p>The land is mountainous to rolling, very rocky and unsuitable for any form of agriculture. There is no commercial timber and no active mining.</p>

	CHAINS		
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CERTIFICATE OF SURVEY

(I/We), Leonard W. Murphy and Ray Harpin, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 25th day of January, 19 72, ~~XXXXXX~~ and Supplemental Special Instructions dated January 25, 1977, we have surveyed the north boundary and a portion of the subdivisional lines and dependently resurveyed a portion of the subdivisional lines and subdivided section 13 of Township 30 North, Range 16 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)~~ (us) and under ~~(my)~~ (our) 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.

June 6, 1975
(Date)

Leonard W. Murphy
(Cadastral Surveyor)
Leonard W. Murphy

February 14, 1977
(Date)

Ray Harpin
(Cadastral Surveyor)
Ray Harpin

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Washington, D.C.

The foregoing field notes of the survey of the north boundary and a portion of the subdivisional lines and dependent resurvey of a portion of the subdivisional lines and subdivision of section 13 in Township 30 North, Range 16 West, Gila and Salt River Meridian, Arizona executed by Leoanrd W. Murphy and Ray Harpin, Supervisory Cadastral Surveyor having been critically examined and found correct, are hereby approved.

JAN 31 1978
(Date)

J. D. Voth
Acting (Chief, Division of Cadastral Survey)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in _____, is a true copy of the original field notes.

(Date)

(Chief, Division of Cadastral Survey) GPO 849-626