



# INDEX DIAGRAM

Township 30 North, Range 20 West,

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T. 30 N., R. 20 W., Gila and Salt River Mer., Arizona

## CHAINS

The following field notes are those of the dependent resurvey of a portion of the South boundary and the survey of a portion of the subdivisional lines of Township 30 North, Range 20 West, Gila and Salt River Meridian, Arizona.

The township boundaries and a portion of the subdivisional lines were surveyed by Donald E. Harding, Cadastral Surveyor, in 1957.

This survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 635, Arizona, dated November 1, 1982.

The directions of lines were determined from U.S.C. & G.S. triangulation stations, confirmed by altitude observations on the sun, and refer to the true meridian. Angles and distances were measured with a Zeiss Elta 4 electronic instrument.

Prior to the resurvey, the lines of the original survey were retraced and all corners were recovered in good condition. The retracement data were thoroughly verified and only the true line field notes are given herein.

The geographic position of the southeast corner of section 35, as determined from a tie to U.S.C. & G.S. triangulation station "YOUNG MOUNTAIN", is:

Latitude: 35°56'16.95" N Longitude: 114°23'17.78" W

The mean magnetic declination is 13° E.

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Dependent Resurvey of a Portion of the S Bdy. of  
T. 30 N., R. 20 W., Gila and Salt River Mer., Arizona

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Reestablishment of the Survey Executed by  
Donald E. Harding, Cadastral Surveyor, in 1957

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Beginning at the cor. of secs. 1, 2, 35 and 36, on the S bdy. of the Tp., monumented with an iron post, 2 ins. diam., projecting 16 ins. above ground, in a mound of stone, 2½ ft. base, to top, with brass cap mkd.

T30N R20W  
S35 | S36  
S 2 | S 1  
T29N  
1957

From this point, the U.S.C. & G.S. triangulation station "YOUNG MOUNTAIN", bears S. 70°55'16" W., 198.02 chs. dist., monumented with a standard bronze tablet, firmly cemented into bedrock, with top mkd. YOUNG MTN 1934 and a triangle. The published geographic position is:

Latitude: 35°55'34.673" N Longitude: 114°25'47.944" W

N. 89°57' W., bet. secs. 2 and 35.

Over rolling land, through scattered undergrowth.

Topography is as recorded in the official field notes of the 1957 survey of the N bdy. of T. 29 N., R. 20 W.

Dependent Resurvey of a Portion of the S Bdy. of  
T. 30 N., R. 20 W., Gila and Salt River Mer., Arizona

CHAINS		
39.97	<p>The 1/4 sec. cor. of secs. 2 and 35, monumented with an iron post, 2 ins. diam., projecting 12 ins. above ground, in a mound of stone, 1½ ft. base, to top, with brass cap mkd.</p>	
	<p style="text-align: center;">T30N R20W 1/4 <math>\frac{S35}{S 2}</math> T29N 1957</p>	
	<p>Cor. is located in a wash area, 1 ch. wide, drains N. 30° E.</p>	
	<p style="text-align: center;">_____</p>	
	<p>N. 89°59' W., beginning new measurement.</p>	
39.96	<p>The cor. of secs. 2, 3, 34 and 35, monumented with an iron post, 2 ins. diam., projecting 16 ins. above ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd.</p>	
	<p style="text-align: center;">T30N R20W <math>\frac{S34   S35}{S 3   S 2}</math> T29N 1957</p>	
	<p>Survey of a Portion of the Subdivisional Lines of T. 30 N., R. 20 W., Gila and Salt River Mer., Arizona</p>	
	<p>From the cor. of secs. 1, 2, 35 and 36, on the S bdy. of the Tp., heretofore described.</p>	
	<p>N. 0°01' W., bet. secs. 35 and 36.</p>	
	<p>Over rough, rolling land, with sparse undergrowth.</p>	
40.00	<p>Point for the 1/4 sec. cor. of secs. 35 and 36.</p>	
	<p>Set an aluminum post, 28 ins. long, 1 in. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base, to top, with cap mkd.</p>	
	<p style="text-align: center;">T30N R20W 1/4 S35   S36 1982</p>	
80.00	<p>Point for the cor. of secs. 25, 26, 35 and 36.</p>	
	<p>Set an aluminum post, 28 ins. long, 1 in. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base, to top, with cap mkd.</p>	
	<p style="text-align: center;">T30N R20W <math>\frac{S26   S25}{S35   S36}</math> 1982</p>	

Survey of a Portion of the Subdivisional Lines of  
T. 30 N., R. 20 W., Gila and Salt River Mer., Arizona

CHAINS		
	<p>Land, rough and rolling. Soil, sandy and rocky. Undergrowth, creosote, Joshua trees, scattered yucca and cacti.</p> <hr/> <p>From the cor. of secs. 25, 30, 31 and 36, on the E bdy. of the Tp., monumented with an iron post, 2 ins. diam., projecting 15 ins. above ground, in a mound of stone, 2½ ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T30N R20W R19W S25   S30 S36   S31 1957</p> <p>N. 89°58' W , bet. secs. 25 and 36.</p> <p>Over rough, rolling terrain, with sparse undergrowth.</p>	
16.00	Wash, 100 lks. wide, drains N.	
40.03	Point for the 1/4 sec. cor. of secs. 25 and 36.	
	<p>Set an aluminum post, 28 ins. long, 1 in. diam., 24 ins. in the ground, with cap mkd.</p> <p style="text-align: center;">T30N R20W 1/4 S25 S36 1982</p> <p>Raise a mound of stone, 3½ ft. base, 14 ins. high, to N.</p>	
49.30	Wash, 150 lks. wide, drains N. 25° W	
64.20	Wash, 100 lks. wide, drains N. 10° E.	
80.06	The cor. of secs. 25, 26, 35 and 36.	
	<p>Land, rolling. Soil, sandy and rocky. Undergrowth, creosote, Joshua trees, scattered yucca and cacti.</p> <hr/> <p>N. 0°01' W., bet. secs. 25 and 26.</p> <p>Over rough, rolling terrain with sparse undergrowth.</p>	
11.00	Wash, 20 lks. wide, drains N. 70° E., curving N.	
14.70	Wash, 80 lks. wide, drains N. 70°E., start asc.	
40.00	Point for the 1/4 sec. cor. of secs. 25 and 26.	
	<p>Set an aluminum post, 28 ins. long, 1 in. diam., 8 ins. in the ground, in a mound of stone, 4 ft. base, to top, with cap mkd.</p>	

Survey of a Portion of the Subdivisional Lines of  
T. 30 N., R. 20 W., Gila and Salt River Mer., Arizona

CHAINS		
	<p>T30N R20W 1/4 S26   S25 1982</p>	
53.30	Wash, 200 lks. wide, drains N.	
56.15	Wash, 200 lks. wide, drains N, curving northwesterly.	
80.00	Point for the cor. of secs. 23, 24, 25 and 26.	
	Set an aluminum post, 28 ins. long, 1 in. diam., 10 ins. in the ground, in a mound of stone, 3½ ft. base, to top, with cap mkd.	
	<p>T30N R20W S23   S24 S26   S25 1982</p>	
	Cor. is located 100 lks. E of a ledge facing West, edge bears N. 45° E. and S. 15° E.	
	Land, rough and rolling. Soil, sandy and rocky. Undergrowth, creosote, Joshua trees, scattered yucca, native grasses and cacti.	
	From the cor. of secs. 19, 24, 25 and 30, on the E bdy. of the Tp., monumented with an iron post, 2 ins. diam., projecting 12 ins. above ground, with brass cap mkd.	
	<p>T30N R20W R19W S24   S19 S25   S30 1957</p>	
	A mound of stone, 3 ft. base, 2 ft. high, is W of cor.	
	Cor. is located in a shallow network of washes, drains N. S. 89°59' W., bet. secs. 24 and 25.	
	Over rolling rocky terrain, with sparse undergrowth.	
9.20	Wash, 125 lks. wide, drains N. 25° E.	
12.50	Wash, 45 lks. wide, drains N. 5° E.	
24.20	Jeep trail, 15 lks. wide, bears N and S.	
27.10	Wash, 60 lks. wide, drains N.	
30.00	Wash, 70 lks. wide, drains N. 10° E.	
40.03	Point for the 1/4 sec. cor. of secs. 24 and 25.	
	Set an aluminum post, 28 ins. long, 1 in. diam., 18 ins. in the ground, in a mound of stone, 3 ft. base, to top, with cap mkd.	

Survey of a Portion of the Subdivisional Lines of  
T. 30 N., R. 20 W., Gila and Salt River Mer., Arizona

CHAINS		
	T30N R20W 1/4 <u>S24</u> <u>S25</u> 1982	
	Cor. is located at the W edge of a long depression, bears N. 60° E. and S. 60° W.	
50.00	Center of a network of washes, 400 lks. wide, drains N. 10° E.	
76.10	Bladed road, 15 lks. wide, bears NE and SW.	
80.06	The cor. of secs. 23, 24, 25 and 26.  Land, rolling. Soil, sandy and rocky. Undergrowth, creosote, Joshua trees, yucca and cacti.	
	N. 0°01' W., bet. secs. 23 and 24.  Over flat ridgetop, with sparse undergrowth.	
1.20	Enter wash area, edge bears N. 45° E. and S. 45° W.	
36.60	Leave wash area, edge bears S. 50° E. and N. 30° W., thence along slightly rolling land.	
40.00	Point for the 1/4 sec. cor. of secs. 23 and 24.  Set an aluminum post, 28 ins. long, 1 in. diam., 14 ins. in the ground, in a mound of stone, 3½ ft. base, to top, with cap mkd.	
	T30N R20W 1/4 S23   S24 1982	
80.00	Point for the cor. of secs. 13, 14, 23 and 24.  Set an aluminum post, 28 ins. long, 1 in. diam., 26 ins in the ground, with cap mkd.	
	T30N R20W <u>S14   S13</u> <u>S23   S24</u> 1982	
	Raise a mound of stone, 3 ft. base, 10 ins. high, to W.  Land, rolling. Soil, sandy and rocky. Undergrowth, creosote, Joshua trees, scattered yucca, native grasses and cacti.	
	From the cor. of secs. 13, 18, 19 and 24, on the E bdy. of the Tp., monumented with an iron post, 2 ins. diam., projecting 15 ins. above ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.	

Survey of a Portion of the Subdivisional Lines of  
T. 30 N., R. 20 W., Gila and Salt River Mer., Arizona

CHAINS		
	T30N R20W R19W <u>S13   S18</u> <u>S24   S19</u> 1957	
	From this point U.S.G.S. triangulation station "TEMP", bears N. 25°40'49" W., 45.62 chs. dist., monumented with a standard bronze tablet, firmly set into bedrock, with top mkd. TEMP 1958 and a triangle. The published geographic position is:  Latitude: 35°59'20.439" N Longitude: 114°22'29.442" W  S. 89°58' W., bet. secs. 13 and 24.  Over slightly rolling terrain, with sparse undergrowth.	
8.90	Wash, 100 lks. wide, drains N. 15° E.	
13.20	Wash, 200 lks. wide, drains N. 20° E.	
24.60	Jeep trail, 15 lks. wide, and ridge, bears N. 10° E. and S. 10° W.	
31.30	Jeep trail, 15 lks. wide, and ridge, bears N. 5° E. and S. 5° W.	
37.20	Wash, 30 lks. wide, drains N. 50° E.	
40.03	Point for the 1/4 sec. cor. of secs. 13 and 24.  Set an aluminum post, 28 ins. long, 1 in. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base, to top, with cap mkd.	
	T30N R20W 1/4 <u>S13</u> <u>S24</u> 1982	
49.80	Cor. is located on a NW slope at the end of a low ridge, bears S. 20° W. only.  Wash, 50 lks. wide, drains N. 5° W.	
80.06	The cor. of secs. 13, 14, 23 and 24.  Land, rolling to hilly. Soil, sandy and rocky. Undergrowth, creosote, Joshua trees, scattered yucca, cacti and native grasses.	
	From the cor. of secs. 2, 3, 34 and 35, on the S bdy. of the Tp., heretofore described.  N. 0°01' W., bet. secs. 34 and 35.  Over nearly level land, with sparse undergrowth.	
4.30	Enter mountainous land, bears NE and SW.	

Survey of a Portion of the Subdivisional Lines of  
T. 30 N., R. 20 W., Gila and Salt River Mer., Arizona

CHAINS		
25.70	Spur, slopes S. 65° E.	
34.40	Spur, slopes N. 75° E.	
40.00	Point for the 1/4 sec. cor. of secs. 34 and 35.	
	Set an aluminum post, 28 ins. long, 1 in diam., 8 ins. in the ground, in a mound of stone, 4 ft. base, to top, with cap mkd.	
	T30N R20W	
	1/4	
	S34   S35	
	1982	
	Cor. is located on a steep, rocky NW slope.	
50.40	Wash, 200 lks. wide, drains N. 45° E.	
64.00	Wash, 15 lks. wide, drains N. 50° E.	
67.80	Wash, 300 lks. wide, drains N. 55° E.	
80.00	Point for the cor. of secs. 26, 27, 34 and 35.	
	Set an aluminum post, 28 ins. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, 4 ft. base, to top, with cap mkd.	
	T30N R20W	
	S27   S26	
	S34   S35	
	1982	
	Land, mountainous.	
	Soil, sandy and rocky.	
	Undergrowth, creosote, cacti, sage brush, catclaw and scattered Joshua trees.	
	From the cor. of secs. 25, 26, 35 and 36.	
	N. 89°58' W , bet. secs. 26 and 35.	
	Over rolling terrain with sparse undergrowth.	
8.40	Wash, 25 lks. wide, drains N.	
35.40	Wash, 75 lks. wide, drains N. 20° E.	
39.96	Point for the 1/4 sec. cor. of secs. 26 and 35.	
	Set an aluminum post, 28 ins. long, 1 in. diam., 16 ins. in the ground, in a mound of stone, 3½ ft. base, to top, with cap mkd.	
	T30N R20W	
	1/4 <u>S26</u>	
	S35	
	1982	
	Cor. is located 10 lks. N of a draw, drains E.	

Survey of a Portion of the Subdivisional Lines of  
T. 30 N., R. 20 W., Gila and Salt River Mer., Arizona

<p>CHAINS</p> <p>73.02</p> <p>79.92</p>	<p>Begin asc.</p> <p>Top of knoll, begin desc.</p> <p>The cor. of secs. 26, 27, 34 and 35.</p> <p>Land, rolling to hilly. Soil, sandy and rocky. Undergrowth, creosote, Joshua trees, scattered yucca, cacti and native grasses.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The area surveyed is situated about 6 miles SW of Temple Bar, Arizona, which is located on Lake Mead. The terrain is mostly ridges oriented N and S and washes draining northerly. There are some steep slopes on the W sides of secs. 25 and 35. The elevation above mean sea level varies between 1900 and 2650 ft. The soil is mostly sandy and rocky.</p> <p>The graded gravel road between U.S. Highway No. 93 and Temple Bar, Arizona, passes through sec. 36. A sparse network of graded, abandoned track roads pass through sec. 24.</p> <p>Several unpatented mining claims have been staked and abandoned. No other improvements are visible.</p> <p>The mean magnetic declination, determined from various readings, is 13° E., with a range of 3° in local attraction.</p> <hr/>
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CERTIFICATE OF SURVEY

(I) ~~(We)~~, Dennis K. McKay, Cadastral Surveyor, HEREBY

CERTIFY upon honor that, in pursuance of special instructions bearing date of the 1st day of November, 1982, (I) ~~(We)~~ have dependently resurveyed a portion of the south boundary and surveyed a portion of the subdivisional lines of Township 30 North, Range 20 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.

December 16, 1982 (Date) Dennis K. McKay (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
~~XXXXXXXXXXXXXX~~  
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the south boundary and the survey of a portion of the subdivisional lines of Township 30 North, Range 20 West, Gila and Salt River Meridian, Arizona,

executed by Dennis K. McKay, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

December 17, 1982 (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, is a true copy of the original field notes.

(Date) (Chief, Cadastral Survey Examination and Approval Staff)