

Form 9600-9
(December 1979)
(formerly 9180-6)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF PORTIONS

OF THE

SOUTH BOUNDARY AND SUBDIVISIONAL LINES

AND THE

SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,

TOWNSHIP 30 NORTH RANGE 19 WEST

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

EXECUTED BY

Dennis K. McKay Cadastral Surveyor

Under special instructions dated November 1, 1982, approved November 1, 1982

, which provided for the surveys included under ~~XXXXXX~~ ~~Survey~~ Group
 Number 635, and assignment instructions dated November 1, 1982

Survey commenced November 3, 1982

Survey completed November 22, 1982

INDEX DIAGRAM

Township 30 North, Range 19 West

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
5	5				
30	8 29	28	27	26	25
7	7				
31	6 32	33	34	35	36
4	3	4			

T. 30 W., R. 19 W., Gila and Salt River Mer., Arizona

CHAINS

The following notes are those of the dependent resurvey of portions of the south boundary and the subdivisional lines and the survey of a portion of the subdivisional lines of the Township 30 North, Range 19 West, Gila and Salt River Meridian, Arizona.

The south and west boundaries and a portion of the subdivisional lines were surveyed by Donald E. Harding 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.

Preliminary to the resurvey the lines of the original survey were retraced and search was made for all corners, all of which were recovered. The retracement data were thoroughly verified and only the true line field notes are given herein.

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

The geographic position of the southeast corner of section 32, as determined from a tie to the U.S.C.&G.S. triangulation station "YOUNG MOUNTAIN", is:

Latitude: 35°56'17.04" N Longitude: 114°20'05.27" W

The mean magnetic declination is 13° E.

Dependent Resurvey of a Portion of the S Bdy. of
T. 30 N., R. 19 W., Gila and Salt River Mer., Arizona

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

Beginning at the cor. of secs. 4, 5, 32 and 33, on the S bdy. of the Tp., monumented with an iron post, 2 ins. diam., projecting 8 ins. above ground, with brass cap mkd.

T30N R19W
S32 | S33
S 5 | S 4
T29N
1957

A mound of stone, 2½ ft. base, 1½ ft. high, is W of the cor.

From this point U.S.C.&G.S. triangulation station "YOUNG MOUNTAIN", bears S. 81°23'07" W., 431.91 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

Dependent Resurvey of a Portion of the S Bdy. of
T. 30 N., R. 19 W., Gila and Salt River Mer., Arizona

<p>CHAINS</p> <p>39.95</p> <p>39.99</p> <p>39.97</p>	<p>S. 89°57' W., bet. secs. 5 and 32.</p> <p>Over rolling land, through sparse undergrowth.</p> <p>Topography is as recorded in the official field notes of the original survey approved on December 26, 1957.</p> <p>The 1/4 sec. cor. of secs. 5 and 32, monumented with an iron post, 2 ins. diam., projecting 10 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T30N R19W 1/4 $\frac{S32}{S 5}$ T29N 1957</p> <p>A mound of stone, 4 ft. base, 3½ ft. high, is N of the cor.</p> <hr style="width: 20%; margin: auto;"/> <p>S. 89°57' W., beginning new measurement.</p> <p>The cor. of secs. 5, 6, 31 and 32, monumented with an iron post, 2 ins. diam., projecting 14 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T30N R19W $\frac{S31 S32}{S 6 S 5}$ T29N 1957</p> <p>A mound of stone, 3 ft. base, 2 ft. high, is W of the cor.</p> <hr/> <p>S. 89°53' W., bet. secs. 6 and 31.</p> <p>Over rolling land, through sparse undergrowth.</p> <p>Topography is as recorded in the official field notes of the original survey approved on December 26, 1957.</p> <p>The 1/4 sec. cor. of secs. 6 and 31, monumented with an iron post, 2 ins. diam., projecting 14 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T30N R19W 1/4 $\frac{S31}{S 6}$ T29N 1957</p> <p>A mound of stone, 3 ft. base, 2 ft. high, is N of the cor.</p> <hr/> <p>Dependent Resurvey, a Portion of the Subdivisional Lines, T. 30 N., R. 19 W., Gila and Salt River Mer., Arizona</p> <hr/> <p style="text-align: center;">Reestablishment of the Survey Executed by Donald E. Harding, Cadastral Surveyor, in 1957</p> <hr/> <p>From the cor. of secs. 4, 5, 32 and 33, on the S bdy. of the Tp., heretofore described.</p>	
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Dependent Resurvey, a Portion of the Subdivisional Lines,
T. 30 N., R. 19 W., Gila and Salt River Mer., Arizona

CHAINS		
	<p>N. 0°07' W., bet. secs. 32 and 33.</p> <p>Over rolling land, through sparse undergrowth.</p> <p>Topography is as recorded in the official field notes of the original survey approved on December 26, 1957.</p> <p>40.04 The 1/4 sec. cor. of secs. 32 and 33, monumented with an iron post, 2 ins. diam., projecting 8 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T30N R19W 1/4 S32 S33 1957</p> <p>A mound of stone, 3 ft. base, 1 ft. high, is W of the cor.</p>	
	<p>From the 1/4 sec. cor. of secs. 20 and 29, monumented with an iron post, 2 ins. diam., projecting 12 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T30N R19W 1/4 <u>S20</u> S29 1957</p> <p>A scattered mound of stone is N of the cor.</p> <p>S. 89°55' W., bet. secs. 20 and 29.</p> <p>Over rolling land, through sparse undergrowth.</p> <p>Topography is as recorded in the official field notes of the original survey approved on December 26, 1957</p> <p>40.02 The cor. of secs. 19, 20, 29 and 30, monumented with an iron post, 2 ins. diam., projecting 14 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T30N R19W <u>S19 S20</u> S30 S29 1957</p> <p>A mound of stone, 2½ ft. base, 1½ ft. high, is W of the cor.</p> <p>Cor. is located at the W edge of a curve in a track road, bears N and S. 35° E.</p>	
	<p>S. 89°52' W., bet. secs. 19 and 30.</p> <p>Over rolling land, through sparse undergrowth.</p> <p>Topography is as recorded in the official field notes of the original survey approved on December 26, 1957.</p> <p>40.04 The 1/4 sec. cor. of secs. 19 and 30, monumented with an iron post, 2 ins. diam., projecting 18 ins. above ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p>	

Dependent Resurvey, a Portion of the Subdivisional Lines,
T. 30 N., R. 19 W., Gila and Salt River Mer., Arizona

CHAINS		
	<p>T30N R19W 1/4 $\frac{S19}{S30}$ 1957</p> <hr/> <p>S. 89°54' W., beginning new measurement.</p>	
39.44	<p>The cor. of secs. 19, 24, 25 and 30, on the W bdy. of the Tp., monumented with an iron post, 2 ins. diam., projecting 12 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;"> T30N R20W R19W $\frac{S24 S19}{S25 S30}$ 1957 </p> <p>A mound of stone, 3 ft. base, 2 ft. high, is W of the cor.</p> <p>Cor. is located in a shallow network of washes, drains N.</p> <hr/> <p style="text-align: center;">Survey of a Portion of the Subdivisional Lines, T. 30 N., R. 19 W., Gila and Salt River Mer., Arizona</p> <hr/> <p>From the cor. of secs. 5, 6, 31 and 32, on the S bdy. of the Tp., heretofore described.</p> <p>N. 0°03' W., bet. secs. 31 and 32.</p> <p>Over rolling land, through sparse undergrowth.</p>	
30.90	<p>Left bank of wash area, bears S. 10° E. and N. 10° W.; the wash drains N. 10° W.</p>	
40.00	<p>Point for the 1/4 sec. cor. of secs. 31 and 32.</p> <p>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.</p> <p style="text-align: center;"> T30N R19W 1/4 S31 S32 1982 </p>	
62.30	<p>Right bank of wash area, bears S. 10° E. and N. 10° W.</p>	
80.00	<p>Point for the cor. of secs. 29, 30, 31 and 32.</p> <p>Set an aluminum post, 28 ins. long, 1 in. diam., 20 ins. in the ground, with cap mkd.</p> <p style="text-align: center;"> T30N R19W $\frac{S30 S29}{S31 S32}$ 1982 </p> <p>Raise a mound of stone, 3 ft. base, 2½ ft. high, to W.</p> <p>Land, rolling. Soil, sandy and rocky.</p>	

Survey of a Portion of the Subdivisional Lines,
T. 30 N., R. 19 W., Gila and Salt River Mer., Arizona

CHAINS	
	<p>Undergrowth, creosote, Joshua trees, scattered yucca and cacti.</p> <hr/> <p>From the cor. of secs. 28, 29, 32 and 33, monumented with an iron post, 2 ins. diam., projecting 16 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T30N R19W S29 S28 S32 S33 1957</p> <p>A mound of stone, 2 ft. base, 1½ ft. high, is W of the cor.</p> <p>Cor. is located on the E edge of a draw, drains N. 10° E.</p> <p>S. 89°53' W., bet. secs. 29 and 32.</p> <p>Over rolling land, through sparse undergrowth.</p>
28.00	Wash, 20 lks. wide, drains N. 10° W.
39.93	Point for the 1/4 sec. cor. of secs. 29 and 32.
	<p>Set an aluminum post, 28 ins. long 1 in. diam., 20 ins. in the ground, in a mound of stone, 2½ ft. base, to top, with cap mkd.</p> <p style="text-align: center;">T30N R19W 1/4 S29 S32 1982</p>
43.70	Wash, 80 lks. wide, drains N. 10° W.
55.60	Wash, 10 lks. wide, drains N. 10° W
63.20	Wash, 15 lks. wide, drains N. 35° W.
72.10	Wash, 25 lks. wide, drains N. 20° W.
75.40	Wash, 15 lks. wide, drains N. 20° E.
79.86	The cor. of secs. 29, 30, 31 and 32.
	<p>Land, rolling. Soil, sandy and rocky. Undergrowth, creosote, Joshua trees, scattered yucca and cacti.</p> <hr/> <p>S. 89°54' W., bet. secs. 30 and 31.</p> <p>Over rolling land, through sparse undergrowth.</p>
16.80	Wash, 400 lks. wide, drains N.
30.70	Graded gravel road bet. Temple Bar, Arizona, and U.S. Highway No. 93, 40 lks. wide, bears N. 20° E. and S. 20° W.
40.00	Point for the 1/4 sec. cor. of secs. 30 and 31.

Survey of a Portion of the Subdivisional Lines,
T. 30 N., R. 19 W., Gila and Salt River Mer., Arizona

CHAINS		
	<p>Set an aluminum post, 28 ins. long, 1 in. diam., 23 ins. in the ground, with cap mkd.</p> <p style="text-align: center;">T30N R19W 1/4 $\frac{S30}{S31}$ 1982</p> <p>Raise a mound of stone, 3 ft. base, 14 ins. high, to N.</p>	
69.80	Wash, 400 lks. wide, drains N.	
79.80	<p>The cor. of secs. 25, 30, 31 and 36, on the W 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 $\frac{S25}{S36}$ $\frac{S30}{S31}$ 1957</p> <p>Land, rolling. Soil, sandy and rocky. Undergrowth, creosote, Joshua trees, scattered yucca and cacti.</p>	
	<p>From the cor. of secs. 29, 30, 31 and 32. N. 0°13' W., bet. secs. 29 and 30.</p> <p>Over rolling land, through sparse undergrowth.</p>	
26.00	Graded gravel road bet. Temple Bar, Arizona, and U.S. Highway No. 93, 40 lks. wide, bears N. 50° E. and S. 50° W.	
29.70	Wash, 10 lks. wide, drains N. 20° E.	
40.05	<p>Point for the 1/4 sec. cor. of secs. 29 and 30.</p> <p>Set an aluminum post, 28 ins. long, 1 in. diam., 14 ins. in the ground, in a mound of stone, 4 ft. base, to top, with cap mkd.</p> <p style="text-align: center;">T30N R19W 1/4 S30 S29 1982</p> <p>Cor. is located on the E slope of a low spur.</p>	
61.70	Wash, 200 lks. wide, drains N. 22° W.	
68.70	Jeep road, 15 lks. wide, bears S. 30° E. and N. 30° W.	
73.10	Wash, 10 lks. wide, drains N. 52° W.	
80.10	The cor. of secs. 19, 20, 29 and 30, heretofore described.	

Survey of a Portion of the Subdivisional Lines,
T. 30 N., R. 19 W., Gila and Salt River Mer., Arizona

CHAINS

Land, rolling to mountainous.
Soil, sandy and rocky.
Undergrowth, creosote, Joshua trees, scattered yucca and cacti.

GENERAL DESCRIPTION

The area surveyed is situated about six miles SSW of Temple Bar, Arizona, which is located on Lake Mead. The elevation varies from 2000 to 2350 ft. above sea level. Many washes cross the area, draining in a N to NNW direction. The soil is very sandy and rocky throughout. The vegetation consists of creosote, Joshua trees, scattered yucca, cacti and sparse native grasses.

No evidence of minerals or mining activity was noted during the survey.

A graded gravel road passes through the area in a NE and SW direction connecting Temple Bar, Arizona, and U.S. Highway No. 93.

The average of a number of readings throughout the surveyed area gives a mean magnetic declination of 13° E., with a range of 2° in local attraction.

CHAINS	
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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 portions of the south boundary and subdivisional lines and surveyed a portion of the subdivisional lines of Township 30 North, Range 19 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)

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
~~Denver, Colorado~~
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of portions of the south boundary and subdivisional lines and the survey of a portion of the subdivisional lines of Township 30 North, Range 19 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 Survey Examination and Approval Staff)~~
(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)~~