

Form 9180-6
(April 1974)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION

OF THE SUBDIVISIONAL LINES

TOWNSHIP 30 NORTH, RANGE 15 WEST

Of the GILA AND SALT RIVER Meridian,

In the State of ARIZONA

EXECUTED BY

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 JUNE 8, 19 73.

Survey commenced JUNE 12, 19 73

Survey completed FEBRUARY 11, 19 77

1A

BOOK 5046

INDEX DIAGRAM

Township 30 NORTH, Range 15 WEST,

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T. 30 N., R. 15 W., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivisional lines, Township 30 North, Range 15 West, Gila and Salt River Meridian, Arizona.

The boundary of the Hualapai Indian Reservation was surveyed by A. T. Colton in 1900. The west boundary and portions of the north and south boundaries and a portion of the subdivisional lines, all outside the Hualapai Indian Reservation, were surveyed by E. J. Lange, S. F. Walters and D. R. Averill, in 1916-1917.

The resurvey 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 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. 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 observations. They refer to the true meridian.

The geographic position of the closing corner between sections 21 and 28, on the west boundary of the Hualapai Indian Reservation, as scaled from the Geological Survey quadrangle map, "GRAPEVINE CANYON, ARIZONA," 1968, is as follows:

Latitude 35° 58.0' N. Longitude 113° 54.2' W.

The mean magnetic declination is 15° E.

Dependent Resurvey, Portion of the Subdivisional Lines
T. 30 N., R. 15 W., G&SR Mer., Arizona

Restoring the survey executed by E. J. Lange,
S. F. Walters and D. R. Averill in 1916 and 1917

Beginning at the cor. of secs. 20, 21, 28, and 29, monumented with an iron post, 2 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd.

T30N R15W
S 20 | S 21
S 29 | S 28

1916

Set a steel fence post, 5 ft. long, alongside the iron post.

S. 89° 58' E., bet. secs. 21 and 28.

Over nearly level grass land.

Dependent Resurvey, Portion of the Subdivisional Lines
T. 30 N., R. 15 W., G&SR Mer., Arizona

CHAINS									
17.77	Intersect the W. bdy. of the Hualapai Indian Reservation monumented with an iron post, 2 ins. diam., firmly set, in a fence extending N. and S., projecting 10 ins. above the ground, with brass cap mkd.								
	<table style="margin-left: auto; margin-right: auto;"> <tr><td>T30N</td><td> </td></tr> <tr><td>R15W</td><td> HIR</td></tr> <tr><td>S 21</td><td> </td></tr> <tr><td><u>S 28</u></td><td> </td></tr> </table>	T30N		R15W	HIR	S 21		<u>S 28</u>	
T30N									
R15W	HIR								
S 21									
<u>S 28</u>									
	1916								
	From this cor., the 6½ mile cor. of the Hualapai Indian Reservation bdy., bears S. 0° 13' E., 0.65 chs. dist., monumented with a limestone, 6 x 2 ins., firmly set, in a fence extending N. and S., projecting 5 ins. above the ground, mkd. 6½M on the E. face.								
	From this same cor., the 6 mile cor. of the Hualapai Indian Reservation bdy., bears N. 0° 13' W., 39.25 chs. dist., monumented with a limestone, 12 x 5 ins., loosely set, projecting 20 ins. above the ground in a mound of stone, 4 ft. base, 1½ ft. high, mkd. HIR 6M on the E. face.								
	Set a steel fence post, 5 ft. long, alongside the cor.								
	From the cor. of secs. 20, 21, 28, and 29.								
	N. 89° 55' W., bet. secs. 20 and 29.								
	Ascend gentle NE slope, through sparse vegetation.								
40.00	The 1/4 sec. cor. of secs. 20 and 29, monumented with an iron post, 1 in. diam., firmly set, projecting 36 ins. above the ground, in a mound of stone, 3 ft. base, 1½ ft. high, with brass cap mkd.								
	<table style="margin-left: auto; margin-right: auto;"> <tr><td>1/4</td><td>S 20</td></tr> <tr><td></td><td><u>S 29</u></td></tr> </table>	1/4	S 20		<u>S 29</u>				
1/4	S 20								
	<u>S 29</u>								
	1916								
	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.								
	N. 89° 56' W., beginning new measurement.								
	Ascend steep SE slope.								
2.10	Ascend gentle SE slope.								
6.80	Along NW slope, through sparse vegetation.								

Dependent Resurvey, Portion of the Subdivisional Lines
T. 30 N., R. 15 W., G&SR Mer., Arizona

CHAINS		
39.71	<p>The cor. of secs. 19, 20, 29, and 30, monumented with an iron post, 2 ins. diam., set firmly on bedrock, in a mound of stone, 3 ft. base, 1½ ft. high, with brass cap mkd.</p> <p style="text-align: center;">T30N R15W S 19 S 20 S 30 S 29</p> <p style="text-align: center;">1916</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>	
39.91	<p>N. 0° 02' E., bet. secs. 19 and 20.</p> <p>Over rolling desert, through scattering sage brush and grasses.</p> <p>The 1/4 sec. cor. of secs. 19 and 20, monumented with an iron post, 1 in. diam., loosely set, projecting 24 ins. above the ground, in 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 19 S 20</p> <p style="text-align: center;">1916</p> <p>Rebuild the mound of stone, 3 ft. base, to top of brass cap.</p> <p>Set a steel fence post, 5 ft. long, alongside the cor.</p>	
39.89	<p>N. 0° 04' W., beginning new measurement.</p> <p>The cor. of secs. 17, 18, 19, and 20, monumented with an iron post, 2 ins. diam., loosely set in a mound of stone, 2 ft. base, 1½ ft. high, with a mound of stone, 2½ ft. base, 2 ft. high, W. of the cor., with brass cap mkd.</p> <p style="text-align: center;">T30N R15W S 18 S 17 S 19 S 20</p> <p style="text-align: center;">1916</p> <p>Reset the iron post, 2 ins. 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.</p>	

Dependent Resurvey, Portion of the Subdivisional Lines
T. 30 N., R. 15 W., G&SR Mer., Arizona

CHAINS		
	<p>Set a steel fence post, 5 ft. long, alongside the cor.</p>	
	<p>N. 89° 54' W., bet. secs. 18 and 19.</p>	
	<p>Ascend gentle E. slope, through scattering sage brush and grasses.</p>	
39.94	<p>The 1/4 sec. cor. of secs. 18 and 19, monumented with an iron post, 1 in. diam., bent 90° angle, loosely set, projecting 18 ins. above ground, and in a mound of stone, 2 ft. base, 1 ft. high, with brass cap mkd. 1/4 S18 S19 1916, with a mound of stone, 2½ ft. base, 1½ ft. high, N. of the cor.</p>	
	<p>At the corner point</p>	
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 2 ins. in the ground, on a cross on bedrock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p>	
	<p style="text-align: center;">T30N R15W 1/4 $\frac{S\ 18}{S\ 19}$</p>	
	<p style="text-align: center;">1973</p>	
	<p>Bury the original iron post in the mound of stone.</p>	
	<p>Set a steel fence post, 5 ft. long, alongside the cor.</p>	
	<p>S. 89° 59' W., beginning new measurement.</p>	
	<p>Ascend gentle E. slope, through scattering sage brush.</p>	
36.80	<p>Spur, slopes S., descend gentle W. slope.</p>	
39.98	<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 described in the dependent resurvey of a portion of the subdivisional lines, T. 30 N., R. 16 W., executed concurrently under this same group.</p>	
	<p style="text-align: center;">GENERAL DESCRIPTION</p>	
	<p>The area encompassed in this survey is located on east and adjacent to the Grand Wash Cliffs. The drainage is generally north through small drains and washes. Access is by way of Diamond Bar Ranch road, Grapevine Wash and Grapevine Canyon.</p>	
	<p>The soil consists of a sandy and clay loam with scattering joshua trees and a few junipers. The desert growth consists of cacti and grasses.</p>	
	<p>The principal use of the area is livestock grazing. Improvements noted were some fences and earth tanks. There was no mineral activity noted.</p>	

CERTIFICATE OF SURVEY

(I)(W/E), Ray Harpin, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 25th day of January, 1972, ~~XXXXXX~~ and Supplemental Special Instructions dated January 25, 1977, I have dependently resurveyed a portion of the subdivisional lines in Township 30 North, Range 15 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), ~~XXX~~ and under (my) ~~XXX~~ 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.

February 11, 1977 (Date) Ray Harpin (Cadastral Surveyor) Ray Harpin (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT Washington, D.C.

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines in Township 30 North, Range 15 West, Gila and Salt River Meridian, Arizona

executed by Ray Harpin, Supervisory Cadastral Surveyor having been critically examined and found correct are hereby approved.

JAN 31 1978 (Date) 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