

ORIGINAL

BOOK¹ 5286

R-5286

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES
OF THE

DEPENDENT RESURVEY OF A PORTION OF THE

SUBDIVISIONAL LINES

AND A METES-AND-BOUNDS SURVEY

IN SECTION 20

TOWNSHIP 14 NORTH, RANGE 20 WEST

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

EXECUTED BY

GARY D. JOHNSON, Cadastral Surveyor

Under special instructions dated March 2, 1989, approved March 2, 1989

_____, which provided for the surveys included under Group Number
712 and assignment instructions dated March 2, 1989.

Survey commenced March 6, 1989

Survey completed May 17, 1989

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INDEX DIAGRAM

TOWNSHIP 14 NORTH, RANGE 20 WEST,

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T 14 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 subdivisional lines, and a metes-and-bounds survey in section 20, Township 14 North, Range 20 West, Gila and Salt River Meridian, Arizona.

The subdivisional lines were surveyed by Otis Ross and John Gonin in 1915. Paul L. Reeves dependently resurveyed a portion of the subdivisional lines and surveyed Tract 37 in 1984.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated March 2, 1989, for Group No. 712, 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. Jack Stovall, PE 12284, under contract with the U.S. Fish and Wildlife Service, dependently resurveyed a portion of the subdivisional lines to identify the Wildlife Refuge boundary, in 1983. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of all lines were determined by observations on a U.S. Coast and Geodetic Survey triangulation network, confirmed by hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured with a Topcon GTS-3B and Zeiss Elta 46 total stations.

The geographic position of the 1/4 section corner of sections 17 and 20, as determined from a tie made to U.S. Coast and Geodetic Survey triangulation station "CHEM", located in the SW quarter of section 31, Township 6 North, Range 25 East, San Bernardino Meridian, California, is as follows:

NAD 27: Latitude: 34°32'47.07" N Longitude: 114°22'37.38" W

The magnetic declination as taken from quadrangle map CASTLE ROCK, CALIF., ARIZ., published in 1970 by U.S. Geological Survey, is 14 1/2° E.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T 14 N, R 20 W, Gila and Salt River Mer., Arizona

| CHAINS | <p style="text-align: center;">Reestablishment of the survey executed by Otis Ross and John Gonin, in 1915</p> <hr style="width: 20%; margin: auto;"/> <p>Beginning at the 1/4 sec. cor. of secs. 17 and 20, monumented with an iron post, 1 1/2 ins. diam., projecting 1 in. above ground, with, brass cap mkd.</p> <p style="text-align: center;">S17 1/4 _____ S20 1915</p> <p>From this point U.S. Coast and Geodetic Survey triangulation station "CHEM 1951", bears N 57°05'55" W, (forward bearing), 180.317 chs. dist., monumented with a brass disk, 3 ins. diam., welded on top of an iron pipe, 2 1/2 in. diam. projecting 6 ins. above ground, encircled by a mound of stone, 1 1/2 ft. base, to top, mkd. CHEM 1951 and a triangle in the middle.</p> <p>West, bet. secs. 17 and 20.</p> <p>Over rolling land.</p> <p>30.00 Point for the W-W 1/64 sec. cor. of secs. 17 and 20, at record bearing and distance.</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> <p style="text-align: center;">S17 W-W 1/64 S20 1989</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.</p> <p>Set a steel fence post near the cor.</p> <p>From this point an aluminum cap, 3 1/2 ins. diam., set in concrete, flush with the ground, mkd. U.S. DEPT. OF INTERIOR FISH AND WILDLIFE SERVICE BDY 109 1980, and located at the cor. of fences extending N and E, bears S 28° E, 3 1/2 lks. dist.</p> <p>36.48 Point for the witness point at record bearing, on the line bet. secs. 17 and 20.</p> |
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Dependent Resurvey of a Portion of the Subdivisional Lines,
T 14 N, R 20 W, Gila and Salt River Mer., Arizona

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| CHAINS | <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;">W P T14N R20W S17 — S20 1989</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.</p> <p>Set a steel fence post near the cor.</p> <p>Cor. is located 77 lks. E of the present water line of Lake Havasu, bears S 25°E and N 10°W.</p> <hr/> <p style="text-align: center;">Metes-and-Bounds Survey, Section 20, T 14 N, R 20 W, Gila and Salt River Mer., Arizona</p> <hr/> <p>From the W-W 1/64 sec. cor. of secs. 17 and 20, hereinbefore described.</p> <p>S 33°25' E on a line bet. the W-W 1/64 and AP 2, Tract 37.</p> <p>15.24 AP 2 monumented with an aluminum cap, 3 1/4 ins. diam., set in concrete, flush with the ground, with a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, E of cor., mkd. as described in the official record of the 1984 survey of Tract 37, T 14 N, R 20 W.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The land encompassed in this survey is located approximately 5 miles north of Lake Havasu City, Arizona. The elevation is approximately 500 ft. above sea level.</p> <p>The land is gently rolling with sandy soil. The vegetation consists of scattered to medium coverage of creosote, with salt-cedar near Lake Havasu which is located in the western portion of secs. 18 and 20.</p> <p>Access is provided by old Arizona Highway 95, which meanders along the East boundary of section 20.</p> |
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

| NAMES | CAPACITY |
|-----------------|----------------------|
| Robert J. Lyle | Surveying Technician |
| Gary D. Knoff | Surveying Technician |
| Rebecca Ramirez | Surveying Technician |
| Stephen Hansen | Surveying Technician |
| Ted E. Cazier | Surveying Aid |
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CERTIFICATE OF SURVEY

I, Gary D. Johnson, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 2nd day of March, 1989, I have dependently resurveyed a portion of the subdivisional lines, and surveyed a metes-and-bounds survey in section 20, of Township 14 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 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.

12/19/89
(Date)

Gary D. Johnson
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Arizona State Office
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines, and a metes-and-bounds survey in section 20, of Township 14 North, Range 20 West, Gila and Salt River Meridian, Arizona, executed by Gary D. Johnson, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

DEC 20 1989
(Date)

James T. 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 14 N, R 20 W, Gila and River Meridian, Arizona is a true copy of the original field notes.~~

~~_____~~
(Date)

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