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FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE

SUBDIVISIONAL LINES

AND

A METES-AND-BOUNDS SURVEY IN FRACTIONAL

SECTIONS 20 AND 21

TOWNSHIP 1 NORTH, RANGE 23 WEST

Of the GILA AND SALT RIVER Meridian,

In the State of ARIZONA

EXECUTED BY

PAUL L. REEVES

CADASTRAL SURVEYOR

Under special instructions dated NOVEMBER 12, 19 80, approved NOVEMBER 14, 1980,

AND SUPPLEMENTAL SPECIAL INSTRUCTIONS DATED MAY 18, 1982, APPROVED

MAY 18, 1982, which provided for the surveys included under XXXXXXXXXX U.S. Survey/Group
Number 621, and assignment instructions dated MAY 18, 19 82.

Survey commenced MAY 24, 19 82

Survey completed MAY 26, 19 82

B00 K5 170

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INDEX DIAGRAM

Township 1 NORTH, Range 23 WEST

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METES-AND-BOUNDS SURVEY, SECS. 20 AND 21.....pp.2-6

T. 1 N., R. 23 W., Gila and Salt River Meridian, Arizona

CHAINS

The boundaries and subdivisional lines were surveyed by John A. Barry in 1902. A portion of the South boundary (Gila and Salt River Base Line), a portion of the west boundary and a portion of the subdivisional lines were dependently resurveyed, section 31 was subdivided and the left bank of the Colorado River was traversed through section 20 in 1959-1960, by Robert C. Yundt; this survey was cancelled on January 11, 1962. In 1959-1961, Robert C. Yundt and Leonard W. Murphy dependently resurveyed a portion of the south boundary (Gila and Salt River Base Line), a portion of the west boundary and a portion of the subdivisional lines and surveyed the fixed and limiting boundary of the left bank of the Colorado River through certain sections and traversed and meandered a portion of the left bank of the Colorado River. In 1961, Leonard W. Murphy, Robert S. Kaiser and Robert C. Yundt dependently resurveyed a portion of the subdivisional lines and traversed and meandered a portion of the left bank of the Colorado River. In 1981, Paul L. Reeves resurveyed a portion of the South boundary (Gila and Salt River Base Line), a portion of the west boundary, a portion of the subdivisional lines, and resurveyed the subdivision lines in sec. 31, resurveyed the fixed and limiting boundary and a portion of the meanders of the left bank of the Colorado River and surveyed subdivisions in certain sections under this same Group.

The following field notes are those of a dependent resurvey of a portion of subdivisional lines and a metes-and-bounds survey in fractional secs. 20 and 21, Township 1 North, Range 23 West, Gila and Salt River Meridian, Arizona.

The 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. 621, dated November 12, 1980 and Supplemental Special Instructions, dated May 18, 1982.

The directions of the lines of this survey were determined by altitude observations on the sun and refer to the true meridian. Distances were measured with a Hewlett-Packard 3820A Total Station instrument.

The geographic position of the 1/4 sec. cor. of secs. 21 and 22, as scaled from U.S. Geological Survey quadrangle map "Palo Verde, California-Arizona" prepared in 1965, is as follows:

Latitude: 33°24.7' N. Longitude: 114°38.4' W.

The mean magnetic declination is 14°30' E.

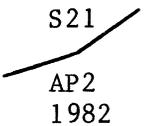
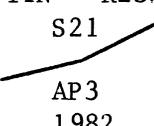
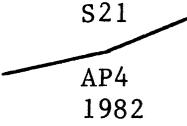
Dependent Resurvey of a Portion of the
Subdivisional Lines
T. 1 N., R. 23 W., Gila and Salt River Meridian, Arizona

Beginning at the 1/4 sec. cor. of secs. 21 and 22, monumented with an iron post, 2½ ins. diam., projecting 3 ins. above ground, with brass cap mkd.

Dependent Resurvey of a Portion of the Subdivisional Lines
T. 1 N., R. 23 W., Gila and Salt River Meridian, Arizona

CHAINS		
	<p style="text-align: center;">T1N R23W 1/4 S21 S22 1981 1961</p> <p>A steel fence post is set alongside the cor. Cor. is located 28 lks. N of an E and W track road.</p> <p>N. 0°17' W., bet. secs. 21 and 22.</p> <p>Through dense salt cedar.</p>	
28.65	<p>Point for Angle Point No. 1, sec. 21, at S base of a dirt dike.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T1N R23W S21 S22 AP1 1982</p> <p>Set a steel fence post alongside the cor.</p>	
29.15	<p>Center of graded gravel road on a dirt dike, 22 ft. wide, 10 ft. high, bears S. 50° W., and N. 50° E., curving to the SE.</p>	
31.54	<p>The witness meander cor. of secs. 21 and 22, monumented with an iron post, 2½ ins. diam., projecting 4 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">W C M C S21 S22 T1N R23W 1981</p> <p>from which</p> <p style="text-align: center;">A mesquite, 6 ins. diam., bears N. 30° E., 12 lks. dist., mkd. X BT at base.</p> <p>A steel fence post is set alongside the cor. Cor. is located 19 lks. W of the W bank of a wash, the edge bears S. 45° E., and N. 45° W.</p>	
11.67	<p style="text-align: center;">Metes-and-Bounds Survey in Section 21, T. 1 N., R. 23 W., Gila and Salt River Meridian, Arizona</p> <p>From Angle Point No. 1 of sec. 21, on the line bet. secs. 21 and 22, heretofore described.</p> <p>S. 49°44' W., on line 1-2, sec. 21.</p> <p>Through dense salt cedar along southerly base of a dirt dike 6-10 ft. high.</p> <p>Point for Angle Point No. 2, sec. 21.</p>	

Metes-and-Bounds Survey in Section 21,
T. 1 N., R. 23 W., Gila and Salt River Meridian, Arizona

CHAINS		
	<p>Set an iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T1N R23W S21</p>  <p>AP2 1982</p> </div> <p>Set a steel fence post alongside the cor.</p> <p>Cor. is located at southerly base of a dirt dike, 6 ft. high.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 55°16' W., on line 2-3, sec. 21.</p>	
25.61	<p>Point for Angle Point No. 3, sec. 21.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, in a mound of stone, 1½ ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T1N R23W S21</p>  <p>AP3 1982</p> </div> <p>Set a steel fence post alongside the cor.</p> <p>Cor. is located at southerly base of a dirt dike, 8 ft. high.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 69°54' W., on line 3-4, sec. 21.</p>	
10.605	<p>Intersect the N and S center line of sec. 21, not monumented.</p> <p>From this point the C 1/4 sec. cor. of sec. 21, set, mkd., and witnessed as described in the official record of the 1981 Dependent Resurvey and Survey of T. 1 N., R. 23 W., bears S. 0°19' E., 2.78 chs. dist.</p> <p>From this same point the special meander cor. of sec. 21, set and mkd. as described in the official record of the 1981 Dependent Resurvey and Survey of T. 1 N., R. 23 W., bears N. 0°19' W., 2.47 chs. dist.</p>	
14.12	<p>Point for Angle Point No. 4, sec. 21.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 21 ins. in the ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T1N R23W S21</p>  <p>AP4 1982</p> </div> <p>from which</p>	

Metes-and-Bounds Survey in Section 21,
T. 1 N, R. 23 W., Gila and Salt River Meridian, Arizona

CHAINS

A power pole, bears S. 18° E., 39 lks. dist.

Set a steel fence post alongside the cor. Cor. is located at southerly base of a dirt dike, 10 ft. high.

S. 75°24' W., on line 4-5, sec. 21.

6.16 Intersect the E and W center line of sec. 21, not monumented.

From this point the C 1/4 sec. cor. of sec. 21, heretofore described, bears S. 89°52' E., 9.28 chs. dist.

From this same point the C-W 1/16 sec. cor. of sec. 21, set, mkd. and witnessed as described in the official record of the 1981 Dependent Resurvey and Survey of T. 1 N., R. 23 W., bears N. 89°52' W., 10.73 chs. dist.

13.97 Point for Angle Point No. 5, sec. 21.

Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, in a mound of stone, 1½ ft. base, to top, with brass cap mkd.

T1N R23W
S21
AP5
1982

from which

A power pole, bears S. 23° E., 39 lks. dist.

Set a steel fence post alongside the cor. Cor. is located at southerly base of a dirt dike, 9 ft. high.

S. 88°56' W., on line 5-6, sec. 21.

3.16 Point for Angle Point No. 6, at intersection with the N and S center line of the SW 1/4 of sec. 21.

Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd.

T1N R23W
S21
AP6
1982

Set a steel fence post alongside the cor.

From this point the SW 1/16 sec. cor. of sec. 21, set, mkd. and witnessed as described in the official record of the 1981 Dependent Resurvey and Survey of the T. 1 N., R. 23 W., bears S. 0°19'30" E., 17.95 chs. dist.

From this same point the C-W 1/16 sec. cor. of sec. 21, heretofore described, bears N. 0°19'30" W., 2.05 chs. dist.

Informative Traverse in Certain Secs.
T. 1 N., R. 23 W., Gila and Salt River Meridian, Arizona

CHAINS

From Angle Point No. 6, sec. 21, heretofore described.

Thence, along the southerly base of a dirt dike, 6-10 ft. high, for informational purposes only.

S. 88°56' W., 12.85 chs.

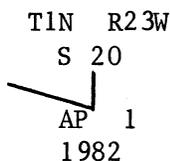
N. 80°53' W., 7.27 chs. Intersect the sec. line bet. secs. 20 and 21, not monumented. From this point, the S 1/16 sec. cor. of secs. 20 and 21, set and mkd. as described in the official record of the 1981 Dependent Resurvey and Survey of T. 1 N., R. 23 W., bears S. 0°21' E., 18.82 chs. dist. From this same point, the 1/4 sec. cor. of secs. 20 and 21, set, mkd. and witnessed as described in the 1981 Dependent Resurvey and Survey of T. 1 N., R. 23 W., bears N. 0°21' W., 1.18 chs. dist.

Thence in sec. 20.

N. 70°10' W., 21.33 chs. At 3.50 chs. dist. on this course intersect the E and W center line of sec. 20, not monumented. From this point, the 1/4 sec. cor. of secs. 20 and 21, heretofore described, bears S. 89°56' E., 3.29 chs. dist. From this same point, the C-E 1/16 sec. cor of sec. 20, set and mkd. as described in the official record of the 1981 Dependent Resurvey and Survey of T. 1 N., R. 23 W., bears N. 89°56' W., 16.715 chs. dist.

Point for Angle Point No. 1, at intersection with the N and S center line of the NE 1/4 of sec. 20, and end of informative traverse.

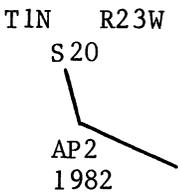
Set an iron post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd.



Set a steel fence post alongside the cor.

From this point, the C-E 1/16 sec. cor. of sec. 20, heretofore described, bears S. 0°30' E., 6.025 chs. dist. From this same

Informative Traverse in Certain Secs.
T. 1 N., R. 23 W., Gila and Salt River Meridian, Arizona

CHAINS		
9.16	<p>witnessed as described in the official record of the 1981 Dependent Resurvey and Survey of T. 1 N., R. 23 W., bears N. 0°30' W., 2.78 chs. dist.</p> <hr/> <p>Metes-and-Bounds Survey in Section 20, T. 1 N., R. 23 W., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From Angle Point No. 1, sec. 20, heretofore described. N. 67°52' W., on line 1-2, sec. 20. Through dense salt cedar along southerly base of a dirt dike 6-10 ft. high.</p> <p>Point for Angle Point No. 2, sec. 20, at intersection with the fixed and limiting bdy. of the left bank of the Colorado River.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;">  <p>T1N R23W S20 AP2 1982</p> </div> <p>Set a steel fence post alongside the cor.</p> <p>From this point, the witness point on the E and W center line of sec. 20, set and mkd. as described in the official record of the 1981 Dependent Resurvey and Survey of T. 1 N., R. 23 W., bears S. 6°04' E., 9.53 chs. dist.</p> <p>From this same point, the witness special meander cor. of sec. 20, set, mkd., and witnessed as described in the official record of the 1981 Dependent Resurvey and Survey of T. 1 N., R. 23 W., bears N. 6°04' W., 2.70 chs. dist.</p> <hr/> <p style="text-align: center;">General Description</p> <p>The land encompassed in this survey is located about 7 miles N. of Cibola, Arizona. The elevation is about 240 ft. above sea level.</p> <p>The soil consists of a sandy loam of which a major portion is under cultivation. The undeveloped areas are covered with dense brush, salt cedar, mesquite and arrowweed.</p> <p>Access is by way of a number of graded gravel and unimproved roads on or close to most of the section lines.</p>	

CERTIFICATE OF SURVEY

(I) ~~(WE)~~, Paul L. Reeves, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 12th day of November, 1980, (I) ~~(WE)~~ have dependently resurveyed a portion of the subdivisional lines and a metes-and-bounds survey in fractional sections 20 and 21, Township 1 North, Range 23 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) ~~(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.

July 16, 1982 (Date) Paul L. Reeves (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
~~DEPT. OF THE INTERIOR~~
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines and a metes-and-bounds survey in fractional sections 20 and 21, Township 1 North, Range 23 West, Gila and Salt River Meridian, Arizona,

executed by Paul L. Reeves, Cadastral Surveyor having been critically examined and found correct, are hereby approved.

July 16, 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)