

Form 9180-6
(March 1977)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE

NORTH BOUNDARY OF THE TOWNSHIP

AND

A PORTION OF THE SUBDIVISIONAL LINES

AND

THE SURVEY OF A PORTION OF THE SUBDIVISION LINES

WITHIN SECTION 4

AND

THE METES-AND-BOUNDS SURVEY OF PARCELS A, B, C, AND D

WITHIN SECTION 4

OF

TOWNSHIP 9 SOUTH, RANGE 18 WEST

Of the GILA AND SALT RIVER Meridian,

In the State of ARIZONA

EXECUTED BY

RAY HARPIN

CADASTRAL SURVEYOR

Under special instructions dated OCTOBER 14, 1969, approved OCTOBER 27, 1969,
AND SUPPLEMENTAL SPECIAL INSTRUCTIONS, DATED SEPTEMBER 5, 1979,

APPROVED SEPTEMBER 13, 1979, which provided for the surveys included under ~~XXXXX~~ Group
Number 517, and assignment instructions dated OCTOBER 14, 1969.

Survey commenced MAY 1, 1972

Survey completed SEPTEMBER 21, 1979

1A

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Township 9 South, Range 18 West
Gila and Salt River Meridian, Arizona

CHAINS

The following field notes are those of the dependent resurvey of a portion of the north boundary of the township and a portion of the subdivisional lines; the survey of a portion of the subdivision lines within section 4, and the metes-and-bounds survey of Parcels A, B, C, and D within section 4, Township 9 South, Range 18 West, of the Gila and Salt River Meridian, Arizona.

History of Previous Surveys: The exterior boundaries and subdivisional lines of this township were surveyed by John L. Harris, U. S. Deputy Surveyor, in 1878, as shown upon the official plat examined and approved April 1, 1878.

These dependent resurveys and surveys were executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947 Edition, and the Special Instructions dated October 14, 1969, and Supplemental Special Instructions dated September 5, 1979.

The direction of all lines of these surveys were determined from direct altitude observations on the sun for azimuth, and these directions refer to the true meridian. The lines were carried forward by normal transit traverse. Distances are expressed in chains.

The geographic position of the 1/4 sec. cor. of secs. 3 and 4, determined by scaling from a U. S. Geological Survey Quadrangle Map, 7 1/2 minute series "Wellton Mesa, Arizona, 1965", is as follows: Latitude 32° 40.3' N., and Longitude 114° 06.4' W. The mean magnetic declination is 14° East.

Dependent Resurvey of a Portion of the North Boundary
Township 9 South, Range 18 West
Gila and Salt River Meridian, Arizona

Restoring the Survey Executed by
John L. Harris, U. S. Deputy Surveyor
in 1878

The corner of secs. 3, 4, 33, and 34 on the north boundary of the township is marked with an iron pipe, 2 ins. in diam., with brass cap 8 ins. below the surface of the road, mkd.

BUREAU OF RECLAMATION

T8S R18W

S 33 | S 34

S 4 | S 3

T9S R18W

1941

Dependent Resurvey of a Portion of the North Boundary
Township 9 South, Range 18 West
Gila and Salt River Meridian, Arizona

CHAINS

The above corner marker is accepted as the best available evidence of the position of the original corner. I did not remonument this corner.

S. 89° 47' W., between Tps. 8 and 9 S., through R. 18 W., and between secs. 4 and 33.

Over nearly level land, along the center line of an east and west road, 10th Street South.

40.12

The 1/4 sec. cor. of secs. 4 and 33 is marked with an iron pipe, 1-inch in diam., with brass cap 8 ins. below the surface of the road, mkd.

BUREAU OF RECLAMATION

$$1/4 \frac{S \ 33}{S \ 4}$$

1941

substantiated by:

An electric transmission line pole, bears N. 30° 10' E., 31.0 ft. distant, scribed RP 31.0'.

A cross (+) chiseled on a concrete post, bears N. 0° 15' W., 39.7 ft. distant, mkd. + RP 39.7'.

The above corner marker is accepted as the best available evidence of the position of the original corner. I did not remonument this corner.

Discontinue the dependent resurvey of the township line at this corner.

Dependent Resurvey of a Portion
of the Subdivisional Lines
Township 9 South, Range 18 West
Gila and Salt River Meridian, Arizona

The 1/4 sec. cor. of secs. 3 and 4 is marked with a cast iron survey monument pot, 10 ins. in diam., with a cover plate over the top. The cover plate is 3 ins. below the surface of an asphalt road. I was unable to remove this plate. It is reported by the Bureau of Reclamation that they reestablished this corner in 1941 and marked it with an iron pipe, 36 ins. long, 1-inch in diam., with brass cap marked for this corner. Later the Arizona State Highway Department placed the monument pot to protect the survey marker. I accept the center point of the above cover plate as the best available evidence of the position of the original corner.

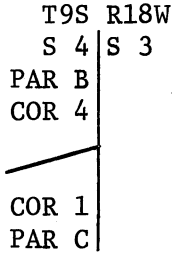
Dependent Resurvey of a Portion
of the Subdivisional Lines
Township 9 South, Range 18 West
Gila and Salt River Meridian, Arizona

CHAINS		
	<p>This corner is located on the center line of Avenue 31 East.</p> <p>from which</p> <p>A brass tablet seated on top of a concrete post, 6 ins. square, with the top near ground level, bears N. 12° 45' E., 319 lks. distant, mkd. ARIZONA HIGHWAY DEPT. PC 3+92.62 1969.</p> <p>A brass tablet seated on top of a concrete post, 6 ins. square, with the top near ground level, bears N. 30° 05' W., 342 lks. distant, mkd. ARIZONA HIGHWAY DEPT.</p> <hr/> <p>N. 0° 04.5' E., between secs. 3 and 4</p> <p>Over nearly level land, along the center line of Avenue 31 East.</p>	
6.78	The center line of the Southern Pacific Railroad, bears N. 84° 21' E. and S. 84° 21' W.	
9.04	The center line of U. S. Highway No. 80, bears N. 84° 46' E. and S. 84° 46' W.	
19.82	The north 1/16 sec. cor. of secs. 3 and 4 is marked with an iron pipe, 1-inch in diam., with brass cap 3 ins. below the surface of the road, mkd.	
	<p>BUREAU OF RECLAMATION N 1/16 S 4 S 3 1950</p>	
	<p>The above corner marker is accepted as the position for the corner. I did not remonument this corner.</p> <hr/> <p>N. 0° 04.5' E., beginning new measurement</p>	
3.39	<p>Intersect the southern right-of-way of the Southern Pacific Railroad, bears N. 69° 48.5' E. and S. 69° 48.5' W.</p> <p>The point for Corner No. 4, Parcel C and Corner No. 1, Parcel D of section 4. I did not monument this corner point.</p>	
5.005	The center line of the Southern Pacific Railroad, bears N. 69° 48.5' E. and S. 69° 48.5' W.	
6.62	<p>Intersect the northern right-of-way of the Southern Pacific Railroad and the southern right-of-way of the Wellton Canal.</p> <p>The point for Corner No. 4, Parcel B and Corner No. 1, Parcel C of section 4.</p>	

Dependent Resurvey of a Portion
of the Subdivisional Lines
Township 9 South, Range 18 West
Gila and Salt River Meridian, Arizona

CHAINS

Set an iron post, 28 ins. long, 2½ ins. in diam., 25 ins. in the ground, with brass cap mkd.

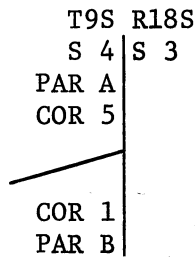


1972

11.465 Intersect the northern right-of-way of the Wellton Canal.

The point for Corner No. 5, Parcel A and Corner No. 1, Parcel B of section 4.

Set an iron post, 28 ins. long, 2½ ins. in diam., with brass cap 7 ins. below the surface of the road, mkd.



1972

from which

An iron post, 28 ins. long, 2½ ins. in diam., set 25 ins. in the ground, for a reference monument, bears S. 30° 00' W., 53 ft. distant, with brass cap mkd. RM PAR B COR 1 S4 53 FT 1972, and an arrow pointing to the corner.

An iron post, 28 ins. long, 2½ ins. in diam., set 25 ins. in the ground, for a reference monument, bears N. 60° 00' W., 53 ft. distant, with brass cap mkd. RM PAR A COR 5 S4 53 FT 1972, and an arrow pointing to the corner.

19.92 The corner of secs. 3, 4, 33, and 34 on the north boundary of the township, heretofore described.

Discontinue the dependent resurvey of the subdivisional lines at this corner.

Survey of a Portion of the Subdivision Lines
Within Section 4
Township 9 South, Range 18 West
Gila and Salt River Meridian, Arizona

Survey of a Portion of the Subdivision Lines
Within Section 4
Township 9 South, Range 18 West
Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From the 1/4 sec. cor. of secs. 3 and 4, heretofore described.</p> <p>S. 89° 35' W., on the east and west center line of sec. 4</p> <p>Over nearly level land.</p>
40.10	<p>The center 1/4 sec. cor. of sec. 4 is marked with a wood post, 4 ins. square, firmly set, projecting 9 ins. above the surface of the ground, scribed CENTER SEC 4 on the north, and is accepted as the position for the corner. I did not remonument this corner.</p> <p>Discontinue the regular order of survey at this corner.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>Thence,</p> <p>N. 0° 02.5' E., on the north and south center line of sec. 4</p> <p>Over nearly level land.</p>
2.98	<p>The center line of the Southern Pacific Railroad, bears N. 84° 21' E. and S. 84° 21' W.</p>
8.90	<p>The center line of U. S. Highway No. 80, bears N. 81° 05' E. and S. 81° 05' W.</p>
10.36	<p>The center line of the Southern Pacific Railroad, bears N. 69° 48.5' E. and S. 69° 48.5' W.</p>
13.40	<p>The right bank of the Wellton Canal, flows N. 69° 48.5' E.</p>
13.80	<p>The left bank of the Wellton Canal.</p>
17.55	<p>Road, bears parallel to the above canal.</p>
19.90	<p>The center-north 1/16 sec. cor. of sec. 4 is marked with a steel rod, of undetermined length, 5/8-inch in diam., with the top, 10 ins. below the surface of the ground, and is accepted as the position for the corner.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2½ ins. in diam., 25 ins. in the ground, over the above corner marker, with brass cap mkd.</p> <p style="text-align: center;">C N 1/16 S 4</p> <p style="text-align: center;">1972</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0° 02.5' E., beginning new measurement</p> <p>Continue over nearly level land, along the western edge of a north and south roadway.</p>

Survey of a Portion of the Subdivision Lines
 Within Section 4
 Township 9 South, Range 18 West
 Gila and Salt River Meridian, Arizona

CHAINS	
19.96	<p>The 1/4 sec. cor. of secs. 4 and 33 on the north boundary of the township, heretofore described.</p> <p>Discontinue the regular order of survey at this corner.</p>
9.35	<p>From the north 1/16 sec. cor. of secs. 3 and 4, heretofore described.</p> <p>S. 89° 44' W., on the east and west center line of the northeast quarter of sec. 4.</p> <p>Intersect the southern right-of-way of the Southern Pacific Railroad, bears N. 69° 48.5' E. and S. 69° 48.5' W.</p> <p>The point for Corner No. 3, Parcel C and Corner No. 2, Parcel D of sec. 4. I did not monument this corner point.</p>
13.80	<p>The center line of the Southern Pacific Railroad, bears N. 69° 48.5' E. and S. 69° 48.5' W.</p>
18.25	<p>Intersect the northern right-of-way of the Southern Pacific Railroad and the southern right-of-way of the Wellton Canal.</p> <p>The point for Corner No. 3, Parcel B and Corner No. 2, Parcel C of section 4.</p> <p>Set an iron post, 28 ins. long, 2½ ins. in diam., 25 ins. in the ground, with brass cap mkd.</p> <div data-bbox="678 1572 954 1733" style="text-align: center;"> <p>T9S R18W S 4 PAR B PAR C COR 3 COR 2 N ————— N</p> </div> <p style="text-align: center;">1972</p>
31.59	<p>Intersect the northern right-of-way of the Wellton Canal.</p> <p>The point for Corner No. 4, Parcel A and Corner No. 2, Parcel B of section 4.</p> <p>Set an iron post, 28 ins. long, 2½ ins. in diam., 25 ins. in the ground, with brass cap mkd.</p> <div data-bbox="678 2118 954 2279" style="text-align: center;"> <p>T9S R18W S 4 PAR A PAR B COR 4 COR 2 N ————— N</p> </div> <p style="text-align: center;">1972</p>

Survey of a Portion of the Subdivision Lines
Within Section 4
Township 9 South, Range 18 West
Gila and Salt River Meridian, Arizona

CHAINS	
40.11	<p>The center-north 1/16 sec. cor. of sec. 4, heretofore described.</p> <p>Discontinue the survey of the subdivision lines at this corner.</p> <hr/> <p style="text-align: center;">The Metes-and-Bounds Survey of Parcels A, B, C, and D Within Section 4 Township 9 South, Range 18 West Gila and Salt River Meridian, Arizona</p> <hr/> <p>Thence, with the survey of Parcel A of section 4</p> <p>From the corner of secs. 3, 4, 33 and 34 on the north boundary of the township, heretofore described; which is designated to function for Corner No. 1 of Parcel A of section 4.</p> <p>S. 89° 47' W., on line 1 - 2, Parcel A of section 4, which is identical with the section line between sections 4 and 33 on the north boundary of the township.</p>
40.12	<p>The 1/4 sec. cor. of secs. 4 and 33, heretofore described; which is designated to function for Corner No. 2 of Parcel A of section 4</p> <hr/> <p>S. 0° 02.5' W., on line 2 - 3, Parcel A of section 4, which is identical with the north and south center line of section 4.</p>
19.96	<p>The center-north 1/16 sec. cor. of sec. 4, heretofore described; which is designated to function for Corner No. 3 of Parcel A of section 4.</p> <hr/> <p>N. 89° 44' E., on line 3 - 4, Parcel A of section 4, which is identical with the east and west center line of the northeast quarter of section 4.</p>
8.52	<p>Corner No. 4, Parcel A, identical with Corner No. 2, Parcel B of section 4, heretofore described.</p> <hr/> <p>N. 69° 48.5' E., on line 4 - 5, Parcel A, which is identical with line 2 - 1, Parcel B of section 4.</p>
33.67	<p>Corner No. 5, Parcel A, identical with Corner No. 1 Parcel B of section 4, heretofore described.</p> <hr/>

The Metes-and-Bounds
Survey of Parcels A, B, C, and D
Within Section 4
Township 9 South, Range 18 West
Gila and Salt River Meridian, Arizona

CHAINS	
	<p>N. 0° 04.5' E., on line 5 - 1, Parcel A of section 4, which is identical with the section line between sections 3 and 4.</p>
8.455	<p>The corner of secs. 3, 4, 33, and 34 on the north boundary of the township, which is designated to function for Corner No. 1 of Parcel A of section 4, and the place of beginning.</p>
	<p>Thence, with the survey of Parcel B of section 4</p>
	<p>From Corner No. 1, Parcel B, identical with Corner No. 5, Parcel A of section 4, heretofore described, and is located on the section line between sections 3 and 4.</p>
	<p>S. 69° 48.5' W., on line 1 - 2, Parcel B, which is identical with line 5 - 4, Parcel A of section 4.</p>
33.67	<p>Corner No. 2, Parcel B, identical with Corner No. 4, Parcel A of section 4, heretofore described, and is located on the east and west center line of the northeast quarter of section 4.</p>
	<p>N. 89° 44' E., on line 2 - 3, Parcel B of section 4, which is identical with the east and west center line of the northeast quarter of section 4.</p>
13.34	<p>Corner No. 3, Parcel B, identical with Corner No. 2, Parcel C of section 4, heretofore described.</p>
	<p>N. 69° 48.5' E., on line 3 - 4, Parcel B, which is identical with 2 - 1, Parcel C of section 4.</p>
19.45	<p>Corner No. 4, Parcel B, identical with Corner No. 1, Parcel C of section 4, heretofore described.</p>
	<p>N. 0° 04.5' E., on line 4 - 1, Parcel B of section 4, which is identical with the section line between sections 3 and 4.</p>
4.845	<p>Corner No. 1, Parcel B, identical with Corner No. 5, Parcel A of section 4, and the place of beginning.</p>
	<p>Thence, with the survey of Parcel C of section 4</p>
	<p>From Corner No. 1, Parcel C, identical with Corner No. 4, Parcel B of section 4, heretofore described, and is located on the section line between sections 3 and 4.</p>

The Metes-and-Bounds
 Survey of Parcels A, B, C, and D
 Within Section 4
 Township 9 South, Range 18 West
 Gila and Salt River Meridian, Arizona

CHAINS	
	<p>S. 69° 48.5' W., on line 1 - 2, Parcel C, which is identical with line 4 - 3, Parcel B of section 4.</p>
19.45	<p>Corner No. 2, Parcel C, identical with Corner No. 3, Parcel B of section 4, heretofore described, and is located on the east and west center line of the northeast quarter of section 4.</p> <hr/>
	<p>N. 89° 44' E., on line 2 - 3, Parcel C of section 4, which is identical with the east and west center line of the northeast quarter of section 4</p>
4.45	<p>The center line of the Southern Pacific Railroad, bears N. 69° 48.5' E. and S. 69° 48.5' W.</p>
8.90	<p>The point for Corner No. 3, Parcel C, identical with Corner No. 2, Parcel D of section 4, heretofore described.</p> <hr/>
	<p>N. 69° 48.5' E., on line 3 - 4, Parcel C, which is identical with line 2 - 1, Parcel D of section 4.</p>
9.96	<p>The point for Corner No. 4, Parcel C, identical with Corner No. 1, Parcel D of section 4, heretofore described.</p> <hr/>
	<p>N. 0° 04.5' E., on line 4 - 1, Parcel C of section 4, which is identical with the section line between sections 3 and 4.</p>
1.615	<p>The center line of the Southern Pacific Railroad, bears N. 69° 48.5' E. and S. 69° 48.5' W.</p>
3.23	<p>Corner No. 1, Parcel C, identical with Corner No. 4, Parcel B of section 4, and the place of beginning.</p> <hr/>
	<p>Thence, with the survey of Parcel D of section 4.</p>
	<p>From the point for Corner No. 1, Parcel D, identical with Corner No. 4, Parcel C of section 4, heretofore described, and is located on the section line between sections 3 and 4.</p>
	<p>S. 69° 48.5' W., on line 1 - 2, Parcel D, which is identical with line 4 - 3, Parcel C of section 4.</p>
9.96	<p>The point for Corner No. 2, Parcel D, identical with Corner No. 3, Parcel C of section 4, heretofore described.</p> <hr/>

The Metes-and-Bounds
Survey of Parcels A, B, C, and D
Within Section 4
Township 9 South, Range 18 West
Gila and Salt River Meridian, Arizona

CHAINS	<p>N. 89° 44' E., on line 2 - 3, Parcel D of section 4, which is identical with the east and west center line of the northeast quarter of section 4.</p> <p>9.35 The north 1/16 sec. cor. of secs. 3 and 4, heretofore described, which is designated to function for Corner No. 3, Parcel D of section 4.</p> <hr style="width: 30%; margin: 10px auto;"/> <p>N. 0° 04.5' E., on line 3 - 1, Parcel D of section 4, which is identical with the section line between sections 3 and 4.</p> <p>3.39 The point for Corner No. 1, Parcel D, identical with Corner No. 4, Parcel C of section 4, and the place of beginning.</p>
	<p>GENERAL DESCRIPTION</p> <p>The land area within these surveys is nearly level. The soil consists of sandy clay loam.</p> <p>Improvements located throughout the area, are: Wellton-Mohawk Project Offices, living quarters, storage, and equipment yard are located within Parcel A; the Wellton Canal is located within Parcel B; one line of the Southern Pacific Railroad is located within Parcel C; other improvements located within the northeast quarter of section 4, are: a second line of the Southern Pacific Railroad and U. S. Highway No. 80 are located within the south half of the northeast quarter of section 4; Yuma County and farm roads; and a number of canals and laterals.</p>

CERTIFICATE OF SURVEY

(I) ~~XXXX~~ Ray Harpin , HEREBY
 CERTIFY upon honor that, in pursuance of special instructions bearing date of the 14th day
 of October , 19 69 , (I) ~~XXXXXX~~ and Supplemental Special Instructions
 dated September 5, 1979, I have dependently resurveyed a portion of the north
 boundary of the township and a portion of the subdivisional lines; surveyed a
 portion of the subdivision lines within section 4 and the metes-and-bounds
 survey of Parcels A, B, C, and D within section 4, Township 9 South, Range
 18 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), ~~XXXX~~ and under (my)
~~XXXX~~ direction; and that said survey has been made in strict conformity with said special instruc-
 tions, 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.

November 15, 1979

 (Date) _____
(Cadastral Surveyor)

_____ _____
 (Date) (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Denver, Colorado

The foregoing field notes of the dependent resurvey of a portion of the north boundary
of the township and a portion of the subdivisional lines; the survey of a
portion of the subdivision lines within section 4, and the metes-and-bounds
survey of Parcels A, B, C, and D within section 4, of Township 9 South, Range
18 West, of the Gila and Salt River Meridian, Arizona

executed by Ray Harpin, Cadastral Surveyor

having been critically examined and found correct, are hereby approved.

MAY 1 1980

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

~~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)~~