Form 9180-6 (April 1965) (formerly 4-679)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

# FIELD NOTES

RETRACEMENT
of the
NORTH BOUNDARY
of
Section 2
DEPENDENT RESURVEY
of the
BOUNDARIES
and
SURVEY
of the
SUBDIVISION
and a
Portion of the
Present Meanders of the Gila River in
Section 1, Township 7 South, Range 25 East
Of theMeridian,
In the State ofArizona
EVECUTED DV
EXECUTED BY
Paul G. Bauer, Cadastral Surveyor
Robert F. Johnson, Surveying Technician
Under special instructions dated <u>November 22</u> , 19 <u>65</u> , which provided for the surveys
included under Group Number 439, approved November 29, 1965
and assignment instructions dated November 29, 19, 65.
and assignment instructions dated
Survey commenced February 10 , 19 66

Survey completed February 28 , 19 66

## BOOK 4863

# INDEX DIAGRAM

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Subdivision of:

Sec. 1---Page 5 Meanders-Page 8

1 B

Township 7 South, Range 25 East Gila and Salt River Meridian, Arizona

CHAINS

Township 7 South, Range 25 East, and the meanders of the Gila River in Section 1 was surveyed by T. F. White in 1875, as shown on the plat approved June 30, 1875.

The northeast corner of the township was reestablished in 1895 by P. Contzen, and again reestablished in 1960 by Cazier, Hatch and Sibley.

The following field notes are those of a retracement of the north boundary of section 2 and a dependent resurvey of the boundaries of section 1, designed to restore the corners in their original positions according to the best available evidence; and a survey of the subdivision and a portion of the present meanders of the Gila River in section 1.

Between the time of the original survey and the present time, 1966, the Gila River has changed its course by a normal process of erosion and accretion, to the creation of added areas of Federal lands.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions dated November 22, 1965.

Only the true line bearings and horizontal distances for the surveyed lines are given in these notes. Each corner was monumented with a standard iron post 30 inches long,  $2\frac{1}{2}$  inches in diameter, flanged at the base, with a brass cap riveted to the top.

The geographic position of the southeast corner of section 1, as scaled from the U. S. Geological Survey Quadrangle map, Safford, Arizona, dated 1960, Scale 1:62500 is: Latitude: 32°50'44" N., Longitude: 109°43'55" W.

The mean magnetic declination as determined from the same map is  $13^{\circ}30$  East.

Dependent Resurvey of a Protion of the North Boundary Township 7 South, Range 25 East

> Reestablishment of the Survey in 1875 Executed by T. F. White

From the cor. of Tps. 6 and 7 S., Rs. 25 and 26 E., monumented by an iron post,  $2\frac{1}{2}$  ins. diam., projecting 8 ins. above ground, brass cap mkd.

T6S R25E R26E <u>S36 S31</u> S 1 S 6 T7S 1960

N.  $89^{\circ}51'$  W., bet. secs. 1 and 36.

Over nearly level land, on the S. side of an E. and W. fence, between cultivated land.

15.12

Fence, bears N. and S.

19.90

Point for the E 1/16 sec. cor. of secs. 1 and 36, at proportionate dist.

Dep. Res., Portion of N. Bdy., T. 7 S., R. 25 E.

		Dep. Res., Portroll of N. Bdy., 1. 7 8., R. 23 H.
	CHAINS	Set the iron post 22 ins. in the ground, brass cap mkd.
		T6S R25E E <u>1</u> <u>\$36</u> 16 S1 T7S 1966
	32.05	Leave cultivated land; enter dense salt cedar under- growth.
٠	35.78	Point for the record meander cor. of secs. 1 and 36, at proportionate dist., as originally set on the right bank of the Gila River; there is no remaining evidence of the orig. cor. This point was not monumented.
-	39.80	Point for the ½ sec. cor. of secs. 1 and 36, at proportionate dist.; there is no remaining evidence of the orig. cor.
		Set the iron post 24 ins. in the ground, brass cap mkd.
,		T6S R25E  \$\frac{\fir}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fint}{\frac{\fint}}}}{\frac{\fir}{\frac{\f{\f{\f{\fir}}}}}{\firac{\firant{\frac{\frac{\firk}{\fir\f{\f{\frac{\frac{\f
	40.48	The present right bank of the Gila River, a cut bank, 4 to 6 ft. high, bears S. 21°24' E. and N. 5°00' W.
		Set the iron post 22 ins. in the ground, brass cap mkd.
		T6S R25E S 36 S 1 T7S 1966
÷	40.78	Point for the record meander cor. of secs. 1 and 36, at proportionate dist., as orig. set on the left bank of the Gila River. There is no remaining evidence of the orig. cor. This point was not monumented.
	44.10	Smithville Canal diversion dam, bears N. 60° E. for 4.00 chs. and S. 60° W. for 5.80 chs.
	49.10	The pre <b>sent</b> left bank of the Gila River, a cut bank, 6 ft. high, bears S. 42° E. and N. 42° W.
	51.40	Farm road, bears S. 42° E. and N. 42° W.
	51.70	Smithville Canal, 12 lks. wide, 6 ft. deep, drains N. 42° W.
	52.10	Fence, bears S. 42° E. and N. 42° W.
	52.30	Farm road, bears SE. and NW.
	79.24	Irrigation ditch, 8 lks. wide, 3 ft. deep, flows N.
	79.50	Bladed road, bears N. and S.
	79.60	Point for the cor. of secs. 1, 2, 35 and 36, at proportionate dist.; there is no remaining evidence of the orig. cor. This cor. point was not monumented.

3

Dep. H	Res	Portion	of	Ε.	Bdy.,	Τ.	7	S.,	R.	25	Ε.
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	CHAINS	Land, nearly level. Soil, rich clay loam.
		Timber, none; undergrowth, dense salt cedar adjacent to the Gila River.
		Retracement, Portion, North Bdy., T. 7 S., R. 25 E.
		Retracement of the Survey Executed by T. F. White in 1875
		N. 89°51' W., bet. secs. 2 and 35.
		Over nearly level farm land, along farm road.
	20.10	Leave farm road, bears E., thence over cultivated land.
	39.75	Farm road, bears N. and S.
	39.80	Point for the ½ sec. cor. of secs. 2 and 35, at proportionate dist.; there is no remaining evidence of the orig. cor. This cor. point was not monumented.
	79.60	The cor. of secs. 2, 3, 34 and 35, monumented by a 2 ins. iron post, 2 ins. below the surface of a blacktop road, set by local surveyor. This cor. point is accepted by adjacent land owners, and is the best remaining evidence of the orig. cor.
		Land, nearly level. Soil, rich clay loam. Timber, none; undergrowth, none.
		Dependent Resurvey, Portion of E. Bdy, T. 7 S., R. 25 E.
		Reestablishment of the Survey Executed by T. F. White in 1875
		From the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the Tp., monumented by a l in. iron pipe, l ft. below the surface of a bladed farm road, bearing S. and W. This cor. point was shown by Dave Johnson, and has been accepted by local land owners for the last 30 years, and is the best remaining evidence of the orig. cor.
		$N.0^{\circ}07$ E., bet. secs. 1 and 6.
	0.40	Thence along the center line of Freeman Wash Channel.
	7.65	Farm road and bridge, bears E. and W.; farm road continues northerly along each side of Freeman Wash Channel.
	23.70	Outlet of Freeman Wash Channel on the left bank of the Gila River, a cut bank, 8 ft. high, bears S. 32°30' E. and N. 32°30' W.
	28.10	Right bank of the Gila River, bears S. 35° E. and N. 35° W.
	34.10	Right bank of the Gila River, bears N. 45° E. and S. 45° W.

Dep.	Res.,	Portion	Subdivision,	т.	7	S.,	R.	25	Ε.
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		Bep. Res., Totelon Bushivision, 1. 7 S., R. 23 L.
	CHAINS 37.98	Point for the record meander cor. of secs. 1 and 6, at proportionate dist., orig. set on the left bank of the Gila River; there is no remaining evidence of the orig. cor. This cor. point was not monumented.
	38.40	Left bank of the Gila River, bears NE. and SW., on bend.
	39.62	Point for the ½ sec. cor. of secs. 1 and 6, at proportionate dist. This cor. point was not monumented.
	40.19	Point for the record meander cor. of secs. 1 and 6, at proportionate dist., orig. set on the right bank of the Gila River; there is no remaining evidence of the orig. cor. This cor. point was not monumented.
	47.20	Left bank of the Gila River, bears S. 30° E. and N.40° W.
	51.80	Right bank of the Gila River, bears S. 35° E. and N. 45°W
	56.60	Dry channel, 100 lks. wide, bears NW. and SE.
	58.00	Dyke, 10 ft. wide, 6 ft. high, bears NW. and SE.
	59.43	Point for the N 1/16 sec. cor. of secs. 1 and 6, at proportionate dist. This cor. point was not monumented.
	60.70	Old left bank of the Gila River, 5 ft. high, bears S. 60° E. and N. 75° W.
	62.20	Old dry channel, drains S. 77° W.
	63.70	Old right bank of the Gila River, 6 to 8 ft. high, bears S. 65° E. and N. 80° W.
	64.20	Fence, bears irreg. E. and W.
	64.90	Irrigation ditch, 6 lks. wide, 2 ft. deep, drains W. from the E.; enter cultivation.
	78.96	The cor. of Tps. 6 and 7 S., Rs. 25 and 26 E.
		Land, nearly level. Soil, rich clay loam. Timber, none; undergrowth, salt cedar along the river banks.
		Dep. Res., Portion of the Subdivisional lines T. 7 S., R. 25 E.
:	-	Reestablishment of the Survey Executed by T. F. White in 1875
:		From the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the Tp.
		S. 89°57' W., bet. secs. 1: and 12.
		Over nearly level land.
	0.40	Farm road, bears northerly along W. side of Freeman Wash Channel.
	0.50	Fence, bears N. and S., thence along S. edge of cultivated field, along E. and W. fence line.
	23.80	Fence, bears N. and S.
	24.95	Irrigation ditch, 8 lks. wide, 2 ft. deep, bears N. and S.
	25.20	Farm road, bears N. and W., thence along farm road.
	l	1

# Subdivision of Section 1, T. 7 S., R. 25 E.

=		babatvision of Section 1, 1. / S., R. 25 E.
	CHAINS	
	39.78	Point for the ½ sec. cor. of secs. 1 and 12, at proportionate dist.; there is no remaining evidence of the orig. cor. This cor. point was not monumented.
	56.43	Center line of U. S. Highway No. 70, a 4-lane highway, bears N. 44°47' W. and S. 44°47' E., thence along Church Street, Thacher, Arizona.
	79.56	The cor. of secs. 1, 2, 11 and 12, monumented by a 2 in. iron pipe with a brass cap, set flush with the surface of a blacktop street, with streets bearing E., W., N. and S. This point is accepted by local surveyors and adjacent land owners, and is the best remaining evidence of the orig. cor.
		Land, nearly level. Soil, rich clay loam. Timber, none: undergrowth, none.
		N. 0°06' E., bet. secs. 1 and 2.
		Along a paved street (First Avenue), bearing approx. N.
	16.42	Center line of U. S. Highway No. 70, bears N. 62°15' W. and S. 62°15' E.; continue along First Avenue.
	39.68	The $\frac{1}{4}$ sec. cor. of secs. 1 and 2, monumented by a 1 in. bolt, with a brass cap, mkd. $\frac{1}{4}$ S2 $ $ S1. This point is accepted by local surveyors and adjacent land owners and is the best remaining evidence of the orig. cor.
		The cor. is on the E. edge of First Avenue.
	ä	N. 0°03' E., beginning new measurement.
		Over gently rolling land, along E. edge of a bladed road.
	0.20	Paved street, bears W., bladed street, bears E. (First Street).
	39.50	The point for the cor. of secs. 1, 2, 35 and 36, on the N. bdy. of the Tp.
		Land, nearly level. Soil, rich clay loam. Timber, none; undergrowth, none.
		Subdivision of Section 1, T. 7 S., R. 25 E.
		From the ½ sec. cor. of secs. 1 and 12.
		N. 0°06'30" E., on the N. and S. center line of sec. 1.
		Over nearly level land.
	0.18	Road, farm, bears E. and W.
	0.36	Fence corner; fences bears N., E. and W.
	14.15	Road, farm, bears N. and W.
	38.80	Fence corner, 10 lks. W.; fences bear S. and W.; farm road jogs E. 15 lks., thence N.

Subdivision of	Section	1,	Τ.	7	S.,	R.	25	Ε.
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		Subdivision of Section 1, T. 7 S., R. 25 E.
T	CHAINS	
	39.65	Point for the center 1/2 sec. cor. of secs. 1. This cor. point was not monumented.
	58.65	Fence, bears S. and W.; enter dense salt cedar brush.
	59.52	Point for the CN 1/16 sec. cor. of sec. 1. This cor. point was not monumented.
	60.39	The left bank of the Gila River, a cut bank, 5 ft. high, bears SE. and NW.
	71.90	The present water line of the right bank of the Gila River, bears N. 30° W., and S. 5° E., thence over low gravel bar.
	77.36	The right bank of the Gila River, a cut bank, 6 to 8 ft. high, bears S. 42°33' E. and N. 21°24' W., and point for the special meander cor.
		Set the iron post 24 ins. in the ground, brass cap mkd.
		T7S R25E
		s1
		C SMC 1966
	79.07	The $\frac{1}{4}$ sec. cor. of secs. 1 and 36, on the N. bdy. of the Tp.
		Land, nearly level. Soil, rich clay loam. Timber, none; undergrowth, salt cedar and willow along river banks.
		From the ½ sec. cor. of secs. 1 and 6, on the E. bdy. of the Tp.
		N. 89°59' W., on the E. and W. center line of sec. 1.
		Over nearly level land, through moderate salt cedar undergrowth.
	1.60	Old river bank, 8 ft. high, bears N. and S.; enter dense salt cedar undergrowth.
	8.00	Fence, bears S. 65° E. and N. 65° W.
	8.20	Dyke, 8 ft. high, 8 ft. wide, bears same as fence.
	19.90	Point for the CE 1/16 sec. cor. of sec. 1; this corner was not monumented.
	22.90	Leave undergrowth, enter cultivated land.
	39.50	Irrigation ditch, 4 ft. wide, 2 ft. deep, bears N. and S.
	39.67	Road, farm, bears N. and S.
	39.80	The point for the center ½ sec. cor. of sec. 1.
	51.60	Fence, bears N. and S.; leave cultivation.
	51.80	Road, farm, bears N.; First street bears W., thence along First Street.

# Subdivision of Section 1, T. 7 S., R. 25 E.

79.60	The $\frac{1}{4}$ sec. cor. of secs. 1 and 2.
	Land, nearly level. Soil, silty clay loam. Timber, none; undergrowth, 10 chs. salt cedar in E. ½ mile.
	Subdivision, NE¼, Section 1, T. 7 S., R. 25 E.
	From the point for the CE 1/16 sec. cor. of sec. 1.
	N. 0° 07' E., on the N. and S. center line of the NE $\frac{1}{4}$ of sec. 1.
	Over nearly level land, through scattered mesquite brush.
5.20	Dyke, 8 ft. high, 8 ft. wide, bears S. 65° E. and N. 65° W.
5.25	Fence, bears same as dyke; enter dense salt cedar.
8.60	Fence, bears E. and W.
13.60	The left bank of the Gila River, a cut bank, 5 to 8 ft. high, bears E. and W.; thence over low sand bar.
19.84	Point for the NE 1/16 sec. cor. of sec. 1; this corner was not monumented.
20.60	The present water line of the left bank of the Gila River, a low sand and gravel bar, bears N. 60° E. and S. 60° W.
21.84	Intersect the adjusted 1875 record meander line on the right bank of the Gila River. This cor. point was not monumented.
22.31	The right bank of the Gila River, a cut bank, 6 to 8 ft. high, bears N. 80° E. and S. 77° 02' W., and point for the special meander corner.
	Set the iron post 24 ins. in the ground, brass cap mkd.
	T7S R2 5E E
	S 1
	E SMC 1966
27.20	Fence, bears E. and N. 83° W.; enter cultivated land.
39.38	The E $1/16$ sec. cor. of secs. 1 and 36, on the N. bdy. of the Tp.
-	From the point for the N 1/16 sec. cor. of secs. 1 and 6 on the E. bdy. of the Tp.
	S. 89° 53' W., on the E. and W. center line of the NE $^1_4$ of sec. 1.

#### Meanders of the Gila River, T. 7 S., R. 25 E.

	Meanders of the Glia River, 1. 7 S., R. 25 E.
CHAINS	
1.45	Dyke, 10 ft. wide, 6 ft. high, bears SE. and N. 60° W.
3.40	Dry channel, 100 lks. wide, bears SE. and N. 60° W.
7.30	The present right bank of the Gila River, a cut bank 4 to 6 ft. high, bears SE. and N. 50° W.
12.30	The present low water line of the left bank of the Gila River, on a low gravel bar, bears S. 60° E. and N. 73° W., thence over a low sand and gravel bar.
19.90	The point for the NE 1/16 sec. cor. of sec. 1.
21.42	The present low water line of the left bank of the Gila River, on a low gravel bar, bears N. 60° E. and S. 75° W., thence downstream through 1 ft. of water.
31.30	The present low water line of the right bank of the Gila River, on a low gravel bar, bears N. 78° E. and N. 80° W., continue downstream through shallow water.
38.93	The present left bank of the Gila River, a cut bank, 6 ft. high, bears S. 55° E. and NW., thence over nearly level land, through moderate salt cedar.
39.80	The point for the CN 1/16 sec. cor. of sec. 1.
	Meanders of the Present Right Bank of the Gila River
	From the special meander cor. on the N. and S. center line of the NE% of sec. 1, and on the present right bank of the Gila River.
	Thence with the meanders of the present right bank of the Gila River, downstream in sec. 1.
	Along a cut bank, 6 to 8 ft. high.
	S. 77° 02' W., 3.88 chs.
	N. 46° 43' W., 10.74 chs.
	N. 44° 11' W., 2.12 chs.
	N. 42° 33' W., 10.04 chs. At end of this course, intersect the special meander cor. on the N. and S. center line of sec. 1.
	N. 21° 24' W., 1.86 chs. At end of this course, intersect the meander cor. of secs. 1 and 36 on the N. bdy. of the Tp.
	Retracement of the 1875 Meanders of the Gila River, T. 7 S., R. 25 E.
	The following field notes are those of a retracement of the meanders of the Gila River as surveyed by T.F. White in 1875. This retracement is for informational purposes.
1	

From the proportionate point for the meander cor. of secs. 1 and 6 on the E. bdy. of the Tp.

#### Meanders of the Gila River, T. 7 S., R. 25 E.

CHAINS	
	Thence, downstream, with the adjusted record meanders of the right bank of the Gila River in sec. 1.
	S. 87° 16' W., 5.41 chs.
	N. 83° 58' W., 3.30 chs.
	N. 27° 34' W., 23.84 chs.
	N. 65° 44' W., 8.79 chs. At 0.15 chs. on this course intersect the North and Soutcenter line of the NE¼ of sec. 1. At 0.91 chs. on this course, intersect the present right bank of the Gila River, bears N. 77° 02' E. and S. 77° 02' W.
	N. 29° 35' W., 16.14 chs. At end of this course, intersect the proportionate point for the meander cor. of secs. 1 and 36 on the N. bdy. of the Tp.
-  -	General Description

Section 1, Township 7 South, Range 25 East, is mostly northeast of and partially within the city limits of Thatcher, Arizona. The elevation is approximately 2,880 feet above sea level. Nearly all of the land is under cultivation. The soil is a rich sandy clay loam. There is no timber, but salt cedar undergrowth is found in scattered patches along the Gila River, which flows in a northwesterly direction through the northeast portion of the section. Most of the irrigation water is furnished by wells. There was no evidence of mining activity.

## **BOOK** 4863

Form 4-680 (June 1963)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

#### FIELD ASSISTANTS

NAMES	CAPACITY
Frank W. Rogers	Surveying Technician
Ray E. Thiessen	Surveying Aid
Howard H. Thomas	Surveying Aid
Dennis R. Hiekes	Surveying Aid
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## **BOOK 4863**

#### CERTIFICATE OF SURVEY

We A. Paul G. Bauer and Robert F. Johnson , HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 22d day of November , 1965, we have made a retracement of the north boundary of section 2, have dependently resurveyed the boundaries and surveyed the subdivision and a portion of the meanders of the Gila River of Section 1, Township 7 South, Range 25 East,

of the Gila and Salt River Meridian, in the State of Arizona , which us our are represented in the foregoing field notes as having been executed by The and under They 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.

November 14, 1966

(Cadastral Surveyor)

November 14, 1966
(Date)

Mobile Tokusou
Surveying Cadastra yurvekor Technician

#### CERTIFICATE OF APPROVAL

SUBMITTED FOR APPROVAL Date OCT 1 6 1969

BUREAU OF LAND MANAGEMENT, Washington, D. C.

retracement of the north boundary of section 2, and The foregoing field notes of the /dependent resurvey of the boundaries and survey of the subdivision and a portion of the meanders of the Gila River, in Section 1, Township 7 South, Range 25 East, of the Gila and Salt River Meridian, Arizona,

executed by Paul G. Bauer and Robert F. Johnson,

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

JUN 1 6 1970 (Date)

(Chief, Division of Engineering)

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.

(Chief, Division of Engineering)

Date)