

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

SURVEY OF THE WEST BOUNDARY

FRACTIONAL TOWNSHIP 13 SOUTH, RANGE 18 WEST

[Lined area for field notes]

Of the GILA AND SALT RIVER Meridian,

In the State of ARIZONA

EXECUTED BY

GILBERT V. OLSON

SUPERVISORY CADASTRAL SURVEYOR

Under special instructions dated March 28, 19 75, approved April 2, 1975,

_____, which provided for the surveys included under U.S. Survey/Group
Number 573, and assignment instructions dated March 28, 19 75.

Survey commenced April 17, 19 75

Survey completed April 25, 19 75

BOOK 5035

INDEX DIAGRAM

Fractional Township 13 South, Range 18 West,

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Township 13 South, Range 18 West
Gila and Salt River Meridian, Arizona

CHAINS

The following field notes are those of the survey of the west boundary of fractional Township 13 South, Range 18 West, Gila and Salt River Meridian, Arizona.

This survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated March 28, 1975.

The directions of the lines were determined by the use of a solar transit and verified at various points throughout the survey by succeeding a.m. and p.m. altitude observations on the sun. They refer to the true meridian. All distances were obtained with a Hewlett Packard 3800 electronic distance measuring instrument.

The geographic position of International Boundary Monument Number 193, as recorded by U. S. Geological Survey, is as follows:

Latitude: 32° 17' 12" N.
Longitude: 114° 07' 44" W.

The observed mean magnetic declination is 13¼° E.

Survey of the West Boundary of
Fractional Township 13 South, Range 18 West
Gila and Salt River Meridian, Arizona

Beginning at the corner of Townships 12 and 13 South, Ranges 18 and 19 West, monumented with an iron post, 2½ ins. diam., set, mkd., and witnessed as described in the field notes of the survey of the west boundary of Township 12 South, Range 18 West, executed concurrently with this group.

SOUTH, between sections 1 and 6.

Over level, sandy desert, through scattered ocotilla, cholla, and greasewood.

8.30 Drain, course SW.

40.00 Point for the 1/4 sec. cor. of sections 1 and 6.

Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.

T13S
R19W R18W
¼
S 1 | S 6

1975

Set a steel fence post alongside the corner.

80.00 Point for the corner of sections 1, 6, 7, and 12.

Survey of the West Boundary of
 Fractional Township 13 South, Range 18 West
 Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T13S R19W R18W <u>S 1 S 6</u> S 12 S 7</p> <p style="text-align: center;">1975</p> <p>Set a steel fence post alongside teh corner.</p> <p>Land, level. Soil, sandy. Timber, none.</p>
<p>10.00</p> <p>30.60</p> <p>40.00</p>	<p>SOUTH, between sections 7 and 12.</p> <p>Over level, sandy desert, through scattered ocotilla, cholla and greasewood.</p> <p>Trail road, bears NE. and SW.</p> <p>Drain, course SW.</p> <p>Point for the 1/4 sec. cor. of secs. 7 and 12.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p>
<p>77.50</p> <p>80.00</p>	<p style="text-align: center;">T13S R19W R18W ^¼ <u>S 12 S 7</u></p> <p style="text-align: center;">1975</p> <p>Set a steel fence post alongside the corner.</p> <p>Drain, course SW.</p> <p>Point for the cor. of secs. 7, 12, 13, and 18.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">T13S R19W R18W <u>S 12 S 7</u> S 13 S 18</p> <p style="text-align: center;">1975</p> <p>Set a steel fence post, alongside the corner.</p> <p>Land, level. Soil, sandy. Timber, none.</p>

Survey of the West Boundary of
Fractional Township 13 South, Range 18 West
Gila and Salt River Meridian, Arizona

CHAINS	
	<p>SOUTH, between secs. 13 and 18.</p> <p>Over level, sandy desert, through scattered cholla and greasewood.</p>
3.40	Drain, course SW.
10.60	Drain, course SW.
22.03	<p>Point selected for a witness point for secs. 13 and 18.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">W. P. T13S R19W R18W S 13 S 18</p> <p style="text-align: center;">1975</p> <p>Set a steel fence post alongside the corner.</p>
23.90	Trail road, bears generally ESE. and WNW.
24.91	<p>Intersect the International Boundary of the United States and Mexico, no monument established.</p> <p>from which</p> <p style="padding-left: 40px;">International Boundary Monument Number 193, a concrete pillar, 4 ft. sq. base, 2 ft. sq. at top, 8 ft. high, mkd. U. S. on N., 193 on E. and MEXICO on S., bears S. 70° 08' E., 183.57 chs. dist.</p> <p style="padding-left: 40px;">International Boundary Monument Number 194, a concrete pillar, 4 ft. sq. base, 2 ft. sq. top, 8 ft. high, mkd. U. S. on N., 194 on E., and MEXICO on S., bears N. 70° 08' W., 101.16 chs. dist.</p>
<p>General Description</p> <p>The line surveyed is situated about 36 miles south of Welton, Arizona. The terrain is nearly level, sandy desert, elevation varying from about 750 to 800 ft. above sea level. The vegetation consists of paloverde, ironwood, and mesquite predominate along the drains, with ocotilla, cholla and greasewood between. The drainage is generally SW along the slopes of the Tinajas Altas Mountains. There are numerous primitive trail roads made by wood gatherers from Mexico. The average observed magnetic declination is 13¼° E.</p>	

CHAINS		

CERTIFICATE OF SURVEY

(I) ~~We~~ Gilbert V. Olson, HEREBY

CERTIFY upon honor that, in pursuance of special instructions bearing date of the 28th day of March, 1975, (I) ~~We~~ have surveyed the west boundary of Fractional Township 13 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), ~~(us)~~ and under (my) ~~(our)~~ 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.

June 9, 1976
(Date)

Gilbert V. Olson
(Cadastral Surveyor)
Gilbert V. Olson

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Washington, D.C.

The foregoing field notes of the survey of the west boundary of Fractional Township 13 South, Range 18 West, Gila and Salt River Meridian, Arizona

executed by Gilbert V. Olson, Supervisory Cadastral Surveyor

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

JUN 29 1977
(Date)

Bernard W. Johnson
(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