

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ORIGINAL

FIELD NOTES

OF THE SURVEY

OF

THE WEST AND SOUTH BOUNDARIES

OF SECTION 12,

TOWNSHIP 10 NORTH, RANGE 15 WEST

Of the Gila and Salt River *Meridian,*

In the State of Arizona

EXECUTED BY

DeWitt A. Crain - Cadastral Surveyor

Under special instructions dated December 27 , 19 57 , *which provided*
for the surveys included under Group No. 321 , *approved* December 27, 1957
and assignment instructions dated January 20 , 1958

Survey commenced March 18 , 19 58

Survey completed March 19 , 19 58

BOOK 4549

INDEX DIAGRAM

Township 10 North, Range 15 West

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Township 10 North, Range 15 West

Chains

The east boundary of sec. 12 was surveyed by S. E. Blout in 1913 as represented on the plat of T. 10 N., R. 14 W., and the north boundary was surveyed by Ty White in 1949 as represented on the plat accepted November 17, 1949.

The following field notes are those of the survey of the west and south boundaries of sec. 12, T. 10 N., R. 15 W.

The survey was executed with a W. and L. E. Gurley solar transit, serial number 541328, which conforms to the standard instrumental specifications of the Bureau of Land Management. The instrument was maintained in precise adjustment throughout the progress of the survey.

The directions of all lines were determined by direct solar observation.

The measurements were made with a narrow steel tape, 8 chains in length, graduated to tenths of links for the first link, to links for the next 99 links, and thereafter at intervals of 10 links. The tape was tested by comparison with a standard steel tape, 1 chain in length, and found to be correct. The measurements were made on the slope and the vertical angle of each interval was ascertained by two clinometers in good adjustment. The slope distances were properly reduced to horizontal equivalents, which are entered in this field note record.

The geographic position of the southeast corner of sec. 12 is latitude $34^{\circ} 13' 08''$ N. and longitude $113^{\circ} 46'$ W., as determined from data furnished with the special instructions.

The mean magnetic declination was 15° E.

Survey of the West and South Boundaries of Sec. 12, T. 10 N., R. 15 W.

From the true point for the cor. of secs. 1, 2, 11 and 12, which falls in the Williams River and is witnessed N. $0^{\circ} 01'$ W., 7.30 chs. dist., by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.

S. $0^{\circ} 01'$ E., bet. secs. 11 and 12, across the river bed.

- 10.30 Left bank of Williams River, bears E. and N. 75° W., river drains W.; thence over level bottom land, through scattered willows and catclaw timber.
- 17.40 Leave bottom land; asc. 100 ft. over rimrock, bears SE. and SW.
- 19.40 Rock ridge, bears NW. and SE.; desc. 100 ft. over SW. slope of rock.
- 19.44 The N. center of the Rise of the Truss bears N. $48^{\circ} 26'$ E., 32.98 chs. dist.; the S. center of the Rise of the Truss bears N. $72^{\circ} 12'$ E., 24.70 chs. dist.
- 24.50 Wide wash, 3 chs. wide, 4 ft. deep, drains NW.; thence over rolling E. slope.
- 32.90 Spur, slopes E.; thence over rolling E. slope.
- 40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 11 and 12 falls in wide wash, 5 chs. wide, 4 ft. deep, drains NE. from SE.
- 43.80 Leave wash; asc. 85 ft. over N. slope.
- 47.93 Point selected for the witness $\frac{1}{4}$ sec. cor. of secs. 11 and 12.

Survey of the West and South Boundaries of Sec. 12, T. 10 N., R. 15 W.

Chains	
	<p>Set an iron post, 30 ins. long, 2½ ins. diam., 20 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T10N R15W ¼ W C S11↑S12 1958</p> <p>Asc. 40 ft. over N. slope.</p>
49.60	Ridge, bears E. and W.; desc. over S. slope.
52.00	Small wash, drains W.; asc. over rolling W. slope.
72.60	Round spur, slopes W.; thence desc. over rolling SW. slope.
77.90	Wash, 40 lks. wide, 5 ft. deep, drains W., thence over nearly level land to cor.
80.00	<p>Point for the cor. of secs. 11, 12, 13 and 14.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground, and in a mound of stone to top, with brass cap mkd.</p> <p style="text-align: center;">T10N R15W S11 S12 S14 S13 1958</p> <p>Land, rough. Soil, sandy and rocky. Timber, willows and catclaw along river. Undergrowth, scattered desert vegetation.</p>
	<p>From the true point for the cor. of secs. 7, 12, 13 and 18, which falls in small wash and is witnessed N. 25 lks. dist. by an iron post, 12 ins. above ground, set, mkd. and witnessed as described in the official record.</p> <p>N. 89° 43' W., bet. secs. 12 and 13.</p> <p>Over rolling and broken N. slope, through scattered desert vegetation</p>
36.96	<p>Point selected for the witness ¼ sec. cor. of secs. 12 and 13.</p> <p>Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground, and in a mound of stone, with brass cap mkd.</p> <p style="text-align: center;">T10N R15W ¼ W ← S12 C S13 1958</p> <p>Witness corner falls on small ridge spur, slopes N.</p>
38.26	<p>True point for the ¼ sec. cor. of secs. 12 and 13 falls in small wash, drains N., unsafe place for monument.</p> <p>Thence asc. 40 ft. over NE. slope.</p>
40.10	Small ridge spur, slopes N.; desc. over NW. slope.
48.40	Wash, 60 lks. wide, 10 ft. deep, drains NNW.; asc. over E. slope.
52.20	Ridge spur, slopes N.; desc. over W. slope.

Survey of the West and South Boundaries of Sec. 12, T. 10 N., R. 15 W.

Chains	
61.40	Wash, 12 lks. wide, 20 ft. deep, drains N.; asc. 65 ft. over E. to SE. slope.
67.60	Ridge, bears NNE. and SSW.; desc. 55 ft. over broken W. slope.
78.26	<p>The cor. of secs. 11, 12, 13 and 14.</p> <p>Land, rough and broken. Soil, sandy and rocky. Timber, none. Undergrowth, desert vegetation.</p>

GENERAL DESCRIPTION

The land within sec. 12, T. 10 N., R. 15 W., is principally rough and broken, with a north exposure and drainage towards the Williams River.

The soil is generally sandy loam and rocky. The section is covered by a scattered undergrowth of desert vegetation, with scattered catclaw and willows along the river.

Sec. 12 is uninhabited. There is one dirt road that is parallel to the pipeline of El Paso Natural Gas Company that ends at the south end of the bridge. The road enters on the east boundary of sec. 12.

CERTIFICATE OF CADASTRAL ENGINEER

I, DeWitt A. Crain, HEREBY CERTIFY upon honor that, in
pursuance of special instructions bearing date of the 27th day of December, 1957,
I have surveyed the west and south boundaries of sec. 12, Township 10 North, Range
15 West

of the Gila & 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 instructions, the Manual of Instructions for the
Survey of the Public Lands of the United States, and in the specific manner described in the foregoing
field notes.

August 5, 1958
Salt Lake City, Utah

DeWitt A. Crain
DeWitt A. Crain - Cadastral Surveyor

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,
Washington, D. C., OCT 7 1958, 19

The foregoing field notes of the survey of the west and south boundaries of section 12,
Township 10 North, Range 15 West, Gila and Salt River Meridian, Arizona

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

Wm G. Harrington
Cadastral Engineering Staff Officer.

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.~~