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4—679
(September 1948)

BOOK 4506

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Original

FIELD NOTES

of the

Survey of

Section 32 in

Township 34 North, Range 11 West

Of the Gila and Salt River *Meridian,*

In the State of Arizona

EXECUTED BY

Paul K. Russell, Cartographic Survey Aid

Under special instructions dated September 22, *19* 54, *which provided for the surveys included under Group No.* 295, *approved* September 27, 1954 *and assignment instructions dated* November 23, *19* 55

Survey commenced January 30, *19* 56

Survey completed January 31, *19* 56

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Township 34 North, Range 11 West

Chains	
	The east boundary was surveyed by D. R. Averill in 1917; the south boundary by L. E. Sechrist in 1917; the north boundary by W. E. Hiester in 1924, and the west boundary by B. J. Kinsey in 1926.
	The following notes are those of the survey of section 32, Township 34 North, Range 11 West, Gila and Salt River Meridian, Arizona, undertaken at the request of the Arizona State Land Dept. for the monumentation of certain school sections, and also to benefit the operating division of the Bureau of Land Management, particularly Range Management.
	The survey was executed with W. and L. E. Gurley transit number 481347. It is equipped with full vertical circle and improved Smith type telescopic solar attachment, and 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 direction of all lines herein reported are determined by sustained angulation from a tie to U.S.C. and G.S. Station North.
	Measurements were made with a narrow steel tape, 8 chs. in length, graduated every link for the first 100 links and thereafter at intervals of 5 links. The tape was tested by comparison with a one-chain standard steel tape and found correct. All measurements were made on the slope and the vertical angle of each interval ascertained by a clinometer in good adjustment; the horizontal equivalents alone are entered in the field note record.
	The geographic position of the southeast corner of sec. 32 is in latitude 36° 17' 45.225" N. and longitude 113° 29' 08.849" W., as determined from a tie to U. S. C. and G. S. Station "North."
	The magnetic declination was read at the four corners of the section and the average of the readings was found to be 15° 45' E.
	Sec. 32, T. 34 N., R. 11 W.
	Beginning at the cor. of secs. 4, 5, 32 and 33, on the south boundary of the township, an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.
	U. S. C. and G. S. Station North, a standard disk, set in a boulder projecting 4 ins. above the ground, bears N. 56° 28' 30" E., 49.676 chs. dist.; latitude 36° 18' 03.100" N. and longitude 113° 28' 35.434" W.
	N. 0° 03' W., bet. secs. 32 and 33.
	Over rolling land, through medium dense timber; desc. 133 ft. over NW. slope to ¼ sec. cor.
4.80	Wash, 10 lks. wide, 2 ft. deep, drains NW.
9.40	Small draw, drains NW.
31.40	Wash, 7 lks. wide, 4 ft. deep, drains NW.
40.00	Point for the ¼ sec. cor. of secs. 32 and 33

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Sec. 32, T. 34 N., R. 11 W.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.
	¼ S32|S33 1956
	from which
	A pinon, 12 ins. diam., bears S. 65° E., 22 lks. dist., mkd. ¼ S33 BT.
	A juniper, 20 ins. diam., bears N. 54° 45' W., 65 lks. dist., mkd. ¼ S32 BT.
47.90	Wash, 5 lks. wide, 4 ft. deep, drains W. for 1 ch., thence NW.
	Desc. 100 ft. over NW. slope to sec. cor.
79.00	Wash, 30 lks. wide, 6 ft. deep, drains E.
80.00	Point for the cor. of secs. 28, 29, 32 and 33.
	Set an iron post, 30 ins. long, 2½ ins. diam., 12 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd.
	T34N R11W S29|S28 S32|S33 1956
	from which
	A juniper, 7 ins. diam., bears N. 59° 45' E., 60 lks. dist., mkd. T34N R11W S28 BT.
	A juniper, 12 ins. diam., bears S. 67° 15' E., 31 lks. dist., mkd. T34N R11W S33 BT.
	A juniper, 7 ins. diam., bears S. 79° W., 57 lks. dist., mkd. T34N R11W S32 BT.
	A juniper, 5 ins. diam., bears N. 23° 15' W., 47 lks. dist., mkd. T34N R11W S29 BT.
	Land, rolling. Soil, sand and clay. limestone. Timber, medium dense juniper and pinon; undergrowth, sagebrush, bitter brush and good grass.
	From the cor. of secs. 5, 6, 31 and 32, on the south boundary of the township, an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record.
	N. 0° 03' W., bet. secs. 31 and 32.
	Asc. 79 ft. over gentle SE. slope to ¼ sec. cor.
16.00	Enter medium dense juniper and pinon.
40.00	Point for the ¼ sec. cor. of secs. 31 and 32.

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Sec. 32, T. 34 N., R. 11 W.

Chains	
	Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd. ¼ S31 | S32 1956
	from which
	A pinon, 5 ins. diam., bears S. 80° 45' E., 59 lks. dist., mkd. ¼ S32 BT.
	A juniper, 8 ins. diam., bears S. 43° 39' W., 75 lks. dist., mkd. ¼ S31 BT.
	Asc. 25 ft. over SE. slope.
45.20	Desc. 74 ft. over NE. slope to draw.
53.60	Small draw, drains S. 75° E.; asc. 83 ft. over SE. slope to sec. cor.
80.00	Point for the cor. of secs. 29, 30, 31 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd. T34N R11W S30 | S29 S31 | S32 1956
	from which
	A juniper, 6 ins. diam., bears S. 51° 15' W., 63 lks. dist., mkd. T34N R11W S31 BT.
	No other suitable trees available.
	Land, rolling. Soil, sand and clay, limestone. Timber, medium dense juniper and pinon; undergrowth, sagebrush, bitterbrush, good grass.
	From the cor. of secs. 28, 29, 32 and 33.
	N. 89° 58' W., bet. secs. 29 and 32.
	Through juniper and pinon; asc. 110 ft. over generally E. slope to ¼ sec. cor.
28.60	Unimproved road, bears N. 30° E. and S. 30° W.
40.01	Point for the ¼ sec. cor. of secs. 29 and 32.
	Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, with brass cap mkd. ¼ S29 / S32 1956

Sec. 32, T. 34 N., R. 11 W.

Chains	
	from which
	A juniper, 5 ins. diam., bears S. 7° 30' W., 21 lks. dist., mkd. $\frac{1}{4}$ S32 BT.
	A juniper, 6 ins. diam., bears N. 10° 15' W., 54 lks. dist., mkd. $\frac{1}{4}$ S29 BT.
	Asc. 73 ft. over E. slope to cor.
80.02	The cor. of secs. 29, 30, 31 and 32.
	Land, gently rolling. Soil, sand and clay, limestone. Timber, medium juniper and pinon; undergrowth, sagebrush, bitterbrush, good grass.

General Description

This section is located about 55 miles south of St. George, Utah, and 13 miles southwest of the village, Mt. Trumbull, Arizona.

The soil is mostly sandy clay with some limestone; there is a medium dense growth of juniper and pinon, with sagebrush, bitterbrush and good grass over the area.

An unimproved road traverses northeasterly across the section, going around the west and north sides of a small reservoir located in the north central part of the section.

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(Feb., 1950)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Craig P. Sylvester	Transitman
LeRoy N. McCulley	Rear chainman, notes
Boyd S. Owens	Front chainman
Dee Von Thompson	Flagman
Vergean Porter	Axeman
Darwin L. Turner	Axeman, cornerman

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CERTIFICATE OF CADASTRAL ENGINEER

I, Paul K. Russell, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 22nd day of September, 1954 I have surveyed Sec. 32, T. 34 N., R. 11 W.

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 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.

June 5, 1956
Salt Lake City, Utah

Paul K. Russell
Paul K. Russell
Cartographic Survey Aid

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT,

Washington, D. C., NOV 26 1956, *19*

The foregoing field notes of the survey of Sec. 32, T. 34 N., R. 11 W., Gila and Salt River Meridian

executed by Paul K. Russell, Cartographic Survey Aid

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

Earl S. 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.

~~*Cadastral Engineering Staff Officer.*~~

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