

BOOK 4796

Form 4-679
(January 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

INDEPENDENT RESURVEY

of

A Portion of the South Boundary

and

SURVEY

of

One Mile of the East Boundary

and a

Portion of the Subdivisional Lines

Township 5 North, Range 7 East

Of the Gila and Salt River Meridian,

In the State of Arizona.

EXECUTED BY

Paul G. Bauer, Cadastral Surveyor

Under special instructions dated September 15, 19 65, which provided for the surveys included under Group Number 435, approved September 17, 1965, and assignment instructions dated March 18, 19 66.

Survey commenced March 30, 19 66

Survey completed April 8, 19 66

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Township 5 North, Range 7 East
Gila and Salt River Meridian, Arizona

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CHAINS

The south boundary, the First Standard Parallel North, was surveyed in 1867 by W. H. Pierce. The east 2½ miles was resurveyed in 1878 by W. A. Hancock. Homestead Entry Survey No. 512 was surveyed in 1917 by R. P. A. Johnson, Forest Service. The west boundary was surveyed in 1962 by Leonard W. Murphy. The west 2 miles of the south boundary, the First Standard Parallel North, was independently resurveyed and sections 29, 30, 31 and 32 were surveyed in 1963 by Leonard W. Murphy.

These notes are those of an independent resurvey of a portion of the south boundary and a survey of one mile of the east boundary and a survey of the subdivisional lines of sections 33, 34, 35 and 36, Township 5 North, Range 7 East.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions dated September 15, 1965.

Only the true line bearings and horizontal distances for the surveyed lines are given in these notes. Unless described, each corner was monumented with a standard iron post 30 inches long, 2½ inches in diameter, flanged at the base, and with a brass cap riveted to the top.

The geographic position of the southeast corner of Township 5 North, Range 7 East is: Latitude, 33°43'37.4" North, and Longitude 111°34'40.4" West as determined by computation from Coast and Geodetic Survey Triangulation Station "Rolls," located in section 25, Township 4 North, Range 8 East.

The mean magnetic declination was found to be 14° E.

Independent Resurvey of a Portion of the
First Standard Parallel North,
T. 5 N., R. 7 E., Arizona

Beginning at the standard corner of secs. 32 and 33, monumented by an iron post 2½ inches in diam., set, marked and witnessed as described in the official record of the 1963 survey.

East, along the S. bdy. of sec. 33.

Over rolling land, through moderate palo verde.

10.50 Top of rocky ridge, bears N. and S.

30.30 Wash, 10 lks. wide, 1½ ft. deep, drains SW.

40.00 Point for the standard ¼ sec. cor. of sec. 33.

Set the iron post 12 ins. in the ground, in a collar of stone, brass cap mkd.

S C
T5N R7E
¼ S33

1966

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Resurvey, First Stan. Par. N., T. 5 N., R. 7 E., Arizona 2.

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CHAINS	
52.60	Raise a mound of stone N. of the corner. No evidence of the original corner was found.
63.60	Draw, 30 lks. wide, 2 ft. deep, drains S. 25° W. Canyon, 60 ft. deep, drains SW.
80.00	Point for the standard cor. of secs. 33 and 34. Set the iron post over an "x" chiseled on solid rock, mound of stone to top, brass cap mkd.
	S C T5N R7E <u>S33 S34</u> 1966
	No evidence of the original corner was found. Land, rolling. Soil, rocky and sandy. Timber, moderate palo verde. Undergrowth, moderate cacti, creosote, cat claw and brush.
	East, along the S. bdy. of sec. 34.
	Over rolling land, through moderate palo verde.
9.20	Wash, 10 lks. wide, 1 ft. deep, drains S. 10° W.
40.00	Point for the standard $\frac{1}{4}$ sec. cor. of sec. 34.
	Set the iron post 24 ins. in the ground, brass cap mkd.
	S C T5N R7E <u>$\frac{1}{4}$ S34</u> 1966
	Raise a mound of stone N. of the cor. No evidence of the original cor. was found.
50.60	Wash, 20 lks. wide, 2 ft. deep, drains S. 50° W.
80.00	Point for the standard cor. of secs. 34 and 35.
	Set the iron post over an "x" chiseled in solid rock, mound of stone to top, brass cap mkd.
	S C T5N R7E <u>S34 S35</u> 1966
	No evidence of the original cor. was found.
	Land, rolling. Soil, rocky and sandy. Timber, moderate palo verde. Undergrowth, moderate cacti, creosote, cat claw and brush.
	East, along the S. bdy. of sec. 35. Over rolling land, through moderate palo verde.

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Resurvey, First Stan. Par. N., T. 5 N., R. 7 E., Arizona 3.

CHAINS	
19.90	Wash, 10 lks. wide, 1 ft. deep, drains SW.
30.10	Wash, 30 lks. wide, 2 ft. deep, drains S. 10° W.
40.00	Point for the standard $\frac{1}{4}$ sec. cor. of sec. 35.
	Set the iron post 6 ins. in the ground, mound with stone to top, brass cap mkd.
	S C T5N R7E <u>$\frac{1}{4}$ S35</u>
	1966
	No evidence of the orig. cor. was found.
	Begin triangulation. (Topog. scaled from ADAMS MESA QUAD.)
61.00	Spur, sloping S. 15° W.
66.00	Wash in Malpais Canyon, 2 ft. deep, 30 lks. wide, drains S. 10° W.
73.50	W. rim of Black Mesa, bears N. 20° E. and S. 20° W.
80.00	Point for the standard cor. of secs. 35 and 36.
	Set the iron post 6 ins. in the ground, mound of stone to top, brass cap mkd.
	S C T5N R7E <u>S35 S36</u>
	1966
	No evidence of the orig. cor. was found.
	Land, rolling and broken. Soil, rocky and sandy. Timber, moderate palo verde. Undergrowth, moderate cacti, cat claw and brush.
	East, along the S. bdy. of sec. 36.
	Continue by triangulation.
	Over rolling land, through moderate palo verde.
20.97	End of triangulation.
33.40	Top of Black Mesa, bears N. 20° E. and S. 15° W.
40.00	Point for the standard $\frac{1}{4}$ sec. cor. of sec. 36.
	Set the iron post 6 ins. in the ground, mound of stone to top, brass cap mkd.
	S C T5N R7E <u>$\frac{1}{4}$ S36</u>
	1966
	No evidence of the orig. cor. was found.
49.60	Ridge, bears N. 15° E. and S. 15° W.

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Survey, East Bdy., T. 5 N., R. 7 E., Arizona

4.

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CHAINS

68.40

Ridge, bears N. and S.

80.00

Point for the standard Tp. cor. of T. 5 N., Rs. 7 and 8 E.

Set the iron post 8 ins. in the ground, mound with stone to top, brass cap mkd.

S C
T5N
R7E | R8E
S36 | S31

1966

No evidence of the orig. cor. was found.

Land, rolling.

Soil, rocky and sandy.

Timber, moderate palo verde.

Undergrowth, moderate cacti, creosote, cat claw and brush.

Survey South One Mile of the East Bdy.
Township 5 North, Range 7 East, Arizona

From the standard Tp. cor. of Ts. 5 N., Rs. 7 and 8 E. North, bet. secs. 31 and 36.

Over rolling land, through moderate palo verde.

9.40

Saddle of low ridge, bears E. and W.

19.10

Draw, drains W.

33.10

Wash, 10 lks. wide, 1/2 ft. deep, drains SW.

40.00

Point for the 1/4 sec. cor. of secs. 31 and 36.

Set the iron post 8 ins. in the ground, mound of stone to top, brass cap mkd.

T5N
R7E R8E
1/4
S36 | S31

1966

55.60

Wash, 20 lks. wide, 1/2 ft. deep, drains S. 30° W.

64.50

Spur, slopes N. 50° W.

77.30

Bladed road, bears E. and W.

79.00

Bladed road, bears N. 80° E. and S. 80° W.

80.00

Point for the cor. of secs. 25, 30, 31 and 36.

Set the iron post 24 ins. in the ground, brass cap mkd.

T5N
R7E R8E
S25 | S30
S36 | S31

1966

Raise a mound of stone W. of the cor.

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Subdivision, T. 5 N., R. 7 E., Arizona

5.

CHAINS

Land, rolling.
Soil, gravelly loam.
Timber moderate palo verde.
Undergrowth, moderate cacti.

Survey of a Portion of the Subdivisional Lines,
Township 5 North, Range 7 East, Arizona

From the standard cor. of secs. 35 and 36, on the S.
bdy. of the Tp.

N. 0°01' W., bet. secs. 35 and 36.

Over rolling land, through moderate palo verde.

3.90 N. rim of Black Mesa.

17.40 Malpais Canyon, drains SW.

23.10 Spur, slopes SW.

35.80 Wash, 20 lks. wide, 1 ft. deep, drains SW.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 35 and 36.

Set the iron post 10 ins. in the ground, mound of
stone to top, brass cap mkd.

T5N R7E

$\frac{1}{4}$
S35|S36

1966

63.70 High spur, slopes SW.

74.50 Track road, bears N. 80° E. and S. 80° W.

80.00 Point for the cor. of secs. 25, 26, 35 and 36.

Set the iron post 6 ins. in the ground, mound of
stone to top, brass cap mkd.

T5N R7E

S26|S25
S35|S36

1966

Land, rolling.
Soil, gravelly loam.
Timber, moderate palo verde.
Undergrowth, moderate cacti.

From the cor. of secs. 25, 30, 31 and 36 of the E.
bdy. of the Tp.

S. 89°58' W., bet. secs. 25 and 36.

Over heavy rolling land, through moderate palo verde.

By triangulation (topog. taken from ADAMS MESA QUAD.).

25.00 Spur, sloping S. 30° W.

31.00 Crest of ridge, bears N. 30° E. and S. 30° W.; end
of triangulation.

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Subdivision, T. 5 N., R. 7 E., Arizona

6.

CHAINS

40.01

Point for the $\frac{1}{4}$ sec. cor. of secs. 25 and 36.

Set the iron post 12 ins. in the ground, mound of stone to top, brass cap mkd.

T5N R7E

$\frac{1}{4}$ S25
S36

1966

Cont. by triangulation (topog. taken from ADAMS MESA QUAD.).

65.00

Track road bears N. 30° E. and SW.

80.02

The cor. of secs. 25, 26, 35 and 36. End of triangulation.

Land, rolling.
Soil, gravelly loam.
Timber, moderate palo verde.
Undergrowth, moderate cacti.

From the standard cor. of secs. 34 and 35, on the S. bdy. of the Tp.

N. 0°01' W., bet. secs. 34 and 35.

Over rolling land, through moderate palo verde.

7.30

Spur, slopes SW.

16.20

Draw, drains SW.

40.00

Point for the $\frac{1}{4}$ sec. cor. of secs. 34 and 35.

Set the iron post 6 ins. in the ground, mound of stone to top, brass cap mkd.

T5N R7E

$\frac{1}{4}$
S34 | S35

1966

40.40

Saddle on low spur, slopes S. 60° W.

79.60

Track road, bears NE. and SW.

80.00

Point for the cor. of secs. 26, 27, 34 and 35.

Set the iron post 20 ins. in the ground, brass cap mkd.

T5N R7E

S27 | S26
S34 | S35

1966

Raise a mound of stone W. of the cor.

Land, rolling.
Soil, gravelly loam.
Timber, moderate palo verde.
Undergrowth, moderate cacti.

From the cor. of secs. 25, 26, 35 and 36.

N. 89°58' W., bet. secs. 26 and 35.

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Subdivision, T. 5 N., R. 7 E., Arizona

7.

CHAINS	
	Over rolling land, through moderate palo verde.
21.40	Draw, drains SW.
29.40	Track road bears NE. and SW.
39.97	Point for the $\frac{1}{4}$ sec. cor. of secs. 26 and 35. Set the iron post 8 ins. in the ground, mound of stone to top, brass cap mkd. T5N R7E $\frac{1}{4}$ $\frac{S26}{S35}$ 1966
47.35	Track road, bears S. 60° E. and N. 60° W.
61.80	Draw, drains S. 20° W.
78.80	Track road, bears NE. and SW.
79.94	The cor. of secs. 26, 27, 34 and 35. Land, rolling. Soil, gravelly loam. Timber, moderate palo verde. Undergrowth, moderate cacti.
	From the standard cor. of secs. 33 and 34 on the S. bdy. of the Tp. N. 0°02' W., bet. secs. 33 and 34. Over rolling land, through moderate palo verde.
20.40	Gully, 10 lks. wide, 12 ft. deep, drains S. 80° W.
32.70	Spur, slopes SW.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 33 and 34. Set the iron post 12 ins. in the ground, mound of stone to top, brass cap mkd. T5N R7E $\frac{1}{4}$ $\frac{S33}{S34}$ 1966
60.50	Draw, drains S. 70° W.
79.60	Spur, slopes E.
80.00	Point for the cor. of secs. 27, 28, 33 and 34. Set the iron post 8 ins. in the ground, mound of stone to top, brass cap mkd. T5N R7E $\frac{S28}{S33}$ $\frac{S27}{S34}$ 1966 Land, rolling. Soil, gravelly loam. Timber, moderate palo verde. Undergrowth, moderate cacti.

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Subdivision, T. 5 N., R. 7 E., Arizona

8.

CHAINS		
	<p>From the cor. of secs. 26, 27, 34 and 35.</p> <p>West, bet. secs. 27 and 34.</p> <p>Over rolling land, through moderate palo verde.</p> <p>8.45 Track road, bears SE. and NW.</p> <p>26.10 Draw, drains S. 60° W.</p> <p>36.90 Spur, slopes S. 30° W.</p> <p>39.99 Point for the ¼ sec. cor. of secs. 27 and 34.</p> <p>Set the iron post 6 ins. in the ground, mound of stone to top, brass cap mkd.</p> <p style="text-align: center;">T5N R7E ¼ $\frac{S27}{S34}$ 1966</p>	
	<p>51.10 Draw, drains S.</p> <p>61.60 Spur, slopes NE.</p> <p>79.98 The cor. of secs. 27, 28, 33 and 34.</p> <p>Land, rolling. Soil, gravelly loam. Timber, moderate palo verde. Undergrowth, moderate cacti.</p> <hr/> <p>N. 89°57' W., bet. secs. 28 and 33.</p> <p>Over rolling land, through moderate palo verde.</p> <p>19.40 Draw, drains N. 20° W.</p> <p>39.70 Wash, 10 lks. wide, 1 ft. deep, drains N. 80° W.</p> <p>39.96 True point for the ¼ sec. cor. of secs. 28 and 33, falls on bank of wash in unsafe position.</p> <p>40.76 Point selected for the witness ¼ sec. cor. of secs. 28 and 33.</p> <p>Set the iron post 12 ins. in the ground, mound with stone to top, brass cap mkd.</p> <p style="text-align: center;">T5N R7E WC ¼ $\frac{S28}{S33}$ 1966</p> <p>48.80 Spur, slopes N. 70° W.</p> <p>68.70 Wash, 10 lks. wide, 1 ft. deep, drains S.</p> <p>79.92 The cor. of secs. 28, 29, 32 and 33, monumented by an iron post 2½ ins. in diam., set, mkd., and witnessed as described in the official record of the 1963 survey.</p> <p>Land, rolling. Soil, gravelly loam. Timber, moderate palo verde. Undergrowth, moderate cacti.</p>	

CHAINS

General Description

Township 5 North, Range 7 East, lies just north of the Fort McDowell Indian Reservation. The land varies from rolling to mountainous, cut by numerous washes and gullies. The elevation ranges from about 1600 ft. in sec. 31 to 2990 ft. above sea level on top of Black Mesa, located on the south bdy. of sec. 36.

The soil is sandy clay loam at lower elevations, becoming rocky with rocky out crops on the higher formations. Cacti and palo verde with some native grass affords limited grazing of livestock, which at the present is the primary interest.

Malpais Canyon drains southwesterly through sec. 36, cutting through the southeast corner of sec. 35.

A jeep road branches off from Ironwood Road, extending westerly along the north boundary of secs. 36, 35 and into sec. 34, where it bears to the northwest.

No improvements or mineral activity were noted in the survey area.

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CERTIFICATE OF SURVEY

I, Paul G. Bauer, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 5th day of September, 1965, I have made an independent resurvey of a portion of the south boundary, a survey of one mile of the east boundary, and the subdivisional lines of sections 33, 34, 35 and 36 of Township 5 North, Range 7 East,

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 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 15, 1967
(Date)

Paul G. Bauer
(Cadastral Surveyor)

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

SUBMITTED FOR APPROVAL
Date JUN 20 1967

BUREAU OF LAND MANAGEMENT,
Washington, D. C.

The foregoing field notes of the independent resurvey of a portion of the south boundary, a survey of one mile of the east boundary and the subdivisional lines of sections 33, 34, 35 and 36 of Township 5 North, Range 7 East,

executed by Paul G. Bauer

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

NOV 1 1967
(Date)

R.E. Brown
Acting (Chief, Division of Engineering)

~~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 Engineering)~~