

BOOK 4778

Form 9180-6
(April 1965)
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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

①

FIELD NOTES

COMPLETION SURVEY

of the

SUBDIVISIONAL LINES

of

TOWNSHIP 5 SOUTH, RANGE 28 EAST

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Boyd S. Owens, Cadastral Surveyor

Robert F. Johnson, Surveying Technician

Under special instructions dated March 13, 1964, which provided for the surveys included under Group Number 409, approved March 13, 1964, and assignment instructions dated September 10, 1965.

Survey commenced November 16, 1965

Survey completed December 3, 1965

BOOK 4778

INDEX DIAGRAM

Township 5 South, Range 28 East,

1

15							
6	14	5	8	4	3	2	1
13		13		7			
7	12	8	6	9	10	11	12
11		11					
18	10	17		16	15	6	14
10		9			5	5	3
19	8	20		21	22	4	23
						2	24
30		29		28	27	26	25
31		32		33	34	35	36

BOOK 4778

Township 5 South, Range 28 East, G&SRM, Arizona

16

CHAINS

The south boundary, the First Standard Parallel South, was surveyed in 1895 by P. Contzen, partly retraced in 1913 and 1955 by W. B. Kimmel and H. G. Parker and re-surveyed in 1958 by Phil D. Smith. The east half of the north boundary, the east boundary and sections 1 and 2 were surveyed in 1913 by W. B. Kimmel. The west boundary was surveyed in 1916 by W. B. Kimmel. Sections 3, 10, 11 and 12 were surveyed in 1921 by W. H. Thorn. The west half of the north boundary was surveyed in 1934 by C. E. Hunter. Section 16 was surveyed in 1955 by H. G. Parker. Sections 21, and 25 through 36 were surveyed in 1958 by Phil D. Smith.

The following field notes are those of the remonumentation of the witness township corner of Townships 4 and 5 South, Ranges 27 and 28 East, and the survey completing the subdivisional lines of Township 5 South, Range 28 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 March 13, 1964.

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 ins. long, 2½ ins. diameter, flanged at the base, with a brass cap riveted to the top.

The geographic position of the southeast corner of the township is: Latitude 32°56'37" North and Longitude 109°24'11" West, as taken from plat accepted January 3, 1962.

The magnetic declination was found to be 13°50' East.

Remonumentation of the Witness Corner for Townships 4 and 5 South, Ranges 27 and 28 East

The witness corner of Tps. 4 and 5 S., Rs. 27 and 28 E. was monumented by a granite stone, 24 x 24 x 12 ins. firmly set and plainly mkd. with 6 notches on N., S., E., and W. faces and a WC on top.

At the witness cor. point:

Set the iron post 10 ins. in the ground, mound with stones to top, cap mkd.

T4S
R27E R28E
S36 | S31 W
S 1 | S 6 C
T5S
1965

from which

Original bearing trees:

A cedar limb, 8 ins. diam., bears N. 70°15' E., 267 lks. dist., mkd. WC T4S R28E S31 BT

A cedar tree, 10 ins. diam., bears S. 79°15' E., 240 lks. dist., mkd. WC T5S R28E S6 BT

The true point for the Tp. cor. bears East, 54 lks. dist.

CHAINS

Deposit the original cor. alongside the iron post.

Raise a mound of stone S. of the cor.

Subdivision, T. 5 S., R. 28 E., Arizona

Beginning at the cor. of secs. 23, 24, 25 and 26, monumented by an iron post 2½ ins. diam., set, mkd. and witnessed as described in the official record of the 1958 survey.

N. 0°01' W., bet. secs. 23 and 24.

Over mountainous land through scattered timber.

1.30 Bladed road, bears E. and W.

8.00 S. rim of large draw, bears E. and NW.

Desc. over steep N. slope.

20.00 Bottom of draw, drains E.

31.40 Large spur, slopes E. from NW.

Desc. over steep NE. slope.

40.00 Point for the ¼ sec. cor. of secs. 23 and 24.

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

T5S R28E

¼
S23 | S24
1965

Continue over steep rolling land, putting E.

40.50 Head of draw, drains E.

53.00 Spur, slopes S. 75° E.

73.00 Draw, drains E.

74.90 Draw, drains SE.

Asc. over steep SW. slope.

80.00 Point for the cor. of secs. 13, 14, 23 and 24.

Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.

T5S R28E

S14 | S13
S23 | S24
1965

Land, mountainous.
Soil, rocky sandy loam.
Timber, widely scattered juniper; cottonwood along bottom of draws.
Undergrowth, mesquite, grass, catclaw and cacti.

CHAINS	
	<p>From the cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the Tp., monumented by an iron post, 3 ins. diam., set, mkd. and witnessed as described in the official record of the 1913 survey.</p>
	<p>N. 89°56' W., bet. secs. 13 and 24.</p>
	<p>Over mountainous land.</p>
	<p>Asc. over steep SE. slope.</p>
6.20	<p>Desc. over gentle SW. slope.</p>
24.40	<p>Draw, drains S. curving to SE.</p>
	<p>Asc. over gentle NE. slope.</p>
40.09	<p>Point for the ¼ sec. cor. of secs. 13 and 24.</p>
	<p>Set the iron post 12 ins. in the ground, mound with stones to top, cap mkd.</p>
	<p style="text-align: center;">T5S R28E ¼ S13 S24 1965</p>
69.70	<p>Ridge, bears S. 60° E. and NW.</p>
	<p>Desc. over steep SW. slope.</p>
80.18	<p>The cor. of secs. 13, 14, 23 and 24.</p>
	<p>Land, mountainous. Soil, rocky, sandy loam. Timber, widely scattered juniper. Undergrowth, grass, catclaw, mesquite and cacti.</p>
	<p>North, bet. secs. 13 and 14.</p>
	<p>Over mountainous land.</p>
	<p>Asc. over steep SW. slope.</p>
13.00	<p>Ridge, bears SE. and NW.</p>
	<p>Desc. along gentle E. slope.</p>
30.00	<p>Desc. over steep N. slope.</p>
36.80	<p>Draw, drains E.</p>
	<p>Asc. over steep S. slope.</p>
39.91	<p>Point for the ¼ sec. cor. of secs. 13 and 14.</p>
	<p>Set the iron post 5 ins. in the ground, mound with stones to top, cap mkd.</p>
	<p style="text-align: center;">T5S R28E ¼ S14 S13 1965</p>
47.00	<p>Ridge, bears E. and W.</p>
	<p>Desc. over steep N. slope.</p>
55.30	<p>Draw, drains E.</p>

BOOK4778

Subdivision, T. 5 S., R. 28 E., Arizona

4

4.

CHAINS	
	Asc. over steep S. slope.
60.80	Ridge, bears E. and W.; desc. over steep N. slope.
66.70	Draw, drains E.; asc. over steep S. slope.
77.60	Spur, slopes E.
79.82	The cor. of secs. 11, 12, 13 and 14, monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record of the 1921 survey. The cor. is located in cor. of fences bearing N. and E. Land, mountainous. Soil, rocky, clay loam. Timber, widely scattered juniper. Undergrowth, grass, catclaw, mesquite, thimbleberry and cacti.
	From the true point for the cor. of secs. 22, 23, 26 and 27, from which the witness cor. bears S. 0°01' E., 40 lks. dist., an iron post 2½ ins. diam., set, mkd. and witnessed as described in the official record of the 1958 survey. N. 0°01' W., bet. secs. 22 and 23. Over mountainous land. Asc. over steep, rocky SW. slope.
14.90	Ridge, bears S. 60° E. and N. 60° W.
20.70	Track road, bears SE. and NW.; desc. over steep N. slope.
32.30	Draw, drains E.; asc. along draw draining from irregularly N.
40.00	Point for the ¼ sec. cor. of secs. 22 and 23. Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd. T5S R28E ¼ S22 S23 1965 The cor. is located on SE. slope about 1.50 chs. W. of draw draining S.
52.60	Same draw, drains S. 15° E. from N. 15° W.
54.00	Track road, bears S. 70° E. and N. 70° W.; asc. over steep SW. slope.
71.00	Ridge, bears SE. and NW.; desc. over steep NE. slope.
80.00	Point for the cor. of secs. 14, 15, 22 and 23. Set the iron post 4 ins. in the ground, mound with stones to top, cap mkd. T5S R28E S15 S14 S22 S23 1965

BOOK4778

Subdivision, T. 5 S., R. 28 E., Arizona

5.

CHAINS	
	<p>Land, mountainous. Soil, rocky sandy loam. Timber, widely scattered juniper. Undergrowth, grass, catclaw and cacti.</p> <hr/> <p>From the cor. of secs. 13, 14, 23 and 24. S. 89°57' W., bet. secs. 14 and 23. Over steep, mountainous land, by triangulation, topography as estimated. Desc. over steep SW. slope.</p>
5.00	Draw, drains SE.; asc. over steep NE. slope.
40.01	Point for the ¼ sec. cor. of secs. 14 and 23. Set the iron post over an "X" chiseled in solid rock, mound with stones to top, cap mkd. T5S R28E ¼ $\frac{S14}{S23}$ 1965
	Cor. falls on gentle NE. slope.
42.00	Ridge, bears SE. and NW.; desc. over steep SW. slope.
60.00	Bottom of draw, drains SE.; asc. over steep NE. slope.
80.02	The cor. of secs. 14, 15, 22 and 23. End of triangulation. Land, mountainous. Soil, rocky sandy loam. Timber, widely scattered juniper. Undergrowth, grass, catclaw and cacti.
	<p>N. 89°54' W., bet. secs. 15 and 22. Over mountainous land. Asc. over steep NE. slope.</p>
10.40	Long narrow divide, slopes SE. from N. 80° W.; asc. over gentle SE. slope.
30.00	Slope changes to gentle S.
39.99	Point for the ¼ sec. cor. of secs. 15 and 22. Set the iron post over an "X" chiseled in solid rock, mound with stones to top, cap mkd. T5S R28E ¼ $\frac{S15}{S22}$ 1965
40.20	Bladed road, bears N. and S.
69.00	Desc. over W. slope.
76.00	Slope changes to SW.; descend.

BOOK 4778

Subdivision, T. 5 S., R. 28 E., Arizona

6

6.

CHAINS

79.98

The cor. of secs. 15, 16, 21 and 22, monumented by an iron post 2½ ins. diam., set, mkd. and witnessed as described in the official record of the 1955 survey.

Land, mountainous.
Soil, rocky sandy loam.
Timber, widely scattered juniper.
Undergrowth, grass, catclaw and cacti.

From the cor. of secs. 14, 15, 22 and 23.

N. 0°05' W., bet. secs. 14 and 15.

Over mountainous land.

Desc. over steep NE. slope.

13.80

Draw, drains SE.; asc. over steep SW. slope.

34.00

Ridge, bears SE. and NW. curving N.; desc. along E. slope.

39.94

Point for the ¼ sec. cor. of secs. 14 and 15.

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

T5S R28E

¼
S15 | S14
1965

42.00

Draw, near head, drains S. 70° E.

50.80

Ridge, bears E. and W.

59.90

Head of draw, drains NE.; asc. along E. slope.

71.20

Rocky outcrop; desc. over N. slope.

79.88

The cor. of secs. 10, 11, 14 and 15, monumented by an iron post 2 ins. diam., set, mkd. and witnessed as described in the official record of the 1921 survey.

Land, mountainous.
Soil, rocky sandy loam.
Timber, scattered juniper.
Undergrowth, grass, catclaw and cacti.

From the cor. of secs. 8, 9, 16 and 17, monumented by an iron post 2½ ins. diam., set, mkd. and witnessed as described in the official record of the 1955 survey.

N. 0°03' W., bet. secs. 8 and 9.

Over mountainous land by triangulation, topography as estimated.

Desc. over steep NE. slope.

4.00

Draw, drains SE.; asc. over steep SW. slope.

34.50

End of triangulation on ridge, bearing E. and NW.; desc. over steep N. slope.

BOOK4778

Subdivision, T. 5 S., R. 28 E., Arizona

7.

CHAINS	
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 8 and 9.
	Set the iron post 12 ins. in the ground, mound with stones to top, cap mkd.
	T5S R28E $\frac{1}{4}$ S 8 S 9 1965
44.30	Draw, drains E.; asc. over steep S. slope.
53.30	Ridge, bears NE. and SW.
74.40	Wash in canyon bottom, 30 lks. wide, 1 ft. deep, drains E.
75.40	Mouth of wash, 5 lks. wide, 2 ft. deep, drains from N. 10° E.; asc. over steep S. slope.
80.00	Point for the cor. of secs. 4, 5, 8 and 9.
	Set the iron post 8 ins. in the ground, mound with stones to top, cap mkd.
	T5S R28E S 5 S 4 S 8 S 9 1965
	Land, mountainous. Soil, clay loam and rocky. Timber, scattered juniper. Undergrowth, grass, catclaw and cacti.
	From the cor. of secs. 3, 4, 9 and 10, monumented by an iron post 2 ins. diam., set, mkd. and witnessed as described in the official record of the 1921 survey.
	S. $89^\circ 54'$ W., bet. secs. 4 and 9.
	Over mountainous land.
	Desc. over steep SW. slope.
12.40	N. edge of main wash in bottom of canyon, drains SE. from S. 80° W.; continue along rolling S. slope.
22.40	Small draw, drains S.
39.50	Small draw, drains S.
39.86	Point for the $\frac{1}{4}$ sec. cor. of secs. 4 and 9.
	Set the iron post 4 ins. in the ground, mound with stones to top, cap mkd.
	T5S R28E $\frac{1}{4}$ S 4 S 9 1965
58.70	Rocky draw, drains S.
70.20	Rocky draw, drains S.
78.50	Small draw, drains S. 10° W.
79.72	The cor. of secs. 4, 5, 8 and 9.

CHAINS	
	<p>Land, mountainous. Soil, clay loam and rocky. Timber, scattered juniper, oak along canyon bottom. Undergrowth, catclaw, yellow brush, serviceberry and cacti.</p>
	<p>N. 0°13' W., bet. secs. 4 and 5.</p> <p>Over mountainous land.</p> <p>Asc. over steep S. slope.</p>
20.20	Ridge, bears E. and W.; desc. over steep N. slope.
37.00	Wash in bottom of draw, 15 lks. wide, 1 ft. deep, drains E.; asc. over steep S. slope.
40.00	Point for the ¼ sec. cor. of secs. 4 and 5.
	<p>Set the iron post 10 ins. in the ground, mound with stones to top, cap mkd.</p> <p style="text-align: center;">T5S R28E ¼ S 5 S 4 1965</p>
73.90	Ridge, bears N. 60° E. and SW.
80.38	<p>The cor. of secs. 4, 5, 32 and 33 on the N. bdy. of the Tp., monumented by an iron post 2 ins. diam., set, mkd. and witnessed as described in the official record of the 1934 survey.</p> <p>Land, mountainous. Soil, sandy clay loam and rocky. Timber, scattered juniper. Undergrowth, catclaw, yellow brush and cacti.</p>
	<p>From the cor. of secs. 19, 20, 29 and 30, monumented by an iron post 2½ ins. diam., set, mkd. and witnessed as described in the official record of the 1958 survey.</p> <p>N. 0°03' W., bet. secs. 19 and 20.</p> <p>Desc. over steep N. slope.</p>
7.80	Draw, drains N. 75° W.
12.10	Spur, slopes W.
24.60	Small spur, slopes W.
36.40	Canyon, drains S. 30° W. from N.
40.00	Point for the ¼ sec. cor. of secs. 19 and 20.
	<p>Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.</p> <p style="text-align: center;">T5S R28E ¼ S19 S20 1965</p> <p>Cor. falls in bottom of canyon on the W. side of wash area.</p>

CHAINS	
50.00	Center of canyon, drains S. from N. 15° W.
61.20	Asc. over rolling W. slope.
63.00	Spur, slopes W.
65.20	Draw, drains W.
74.30	Spur, slopes NW.
77.30	Draw, drains W.; asc. over steep SW. slope.
80.00	Point for the cor. of secs. 17, 18, 19 and 20.
	Set the iron post 8 ins. in the ground, mound with stones to top, cap mkd.
	T5S R28E <u>S18</u> <u>S17</u> <u>S19</u> <u>S20</u> 1965
	Land, mountainous. Soil, sandy loam and rocky. Timber, scattered juniper. Undergrowth, grass, catclaw and cacti.
	From the cor. of secs. 16, 17, 20 and 21, monumented by an iron post 2½ ins. diam., set, mkd. and witnessed as described in the official record of the 1955 survey.
	N. 89°57' W., bet. secs. 17 and 20.
	Over mountainous land.
	By triangulation, topography as estimated; desc. over steep SW. slope.
4.00	Small draw, drains S.; continue along steep S. slope.
16.00	Draw, drains SE. curving to S.; asc. over E. slope.
23.60	Bladed road, bears N. and S.; end of triangulation.
33.00	Large spur, slopes SE.; desc. over steep SW. slope.
37.80	Same road, bears NW. and SE.
39.92	Point for the ¼ sec. cor. of secs. 17 and 20.
	Set the iron post 10 ins. in the ground, mound with stones to top, cap mkd.
	T5S R28E ¼ <u>S17</u> <u>S20</u> 1965
44.80	Draw, drains SE.
59.00	Large spur, slopes S. 15° E. from NW.
76.00	Draw, drains S. 70° W.
79.84	The cor. of secs. 17, 18, 19 and 20.
	Land, mountainous. Soil, sandy loam and rocky.

BOOK 4778

Subdivision, T. 5 S., R. 28 E., Arizona

10

10.

CHAINS	
	<p>Timber, scattered juniper. Undergrowth, grass, catclaw and cacti.</p> <hr/> <p>N. 89°55' W., bet. secs. 18 and 19.</p> <p>Over mountainous land.</p> <p>Desc. over steep W. slope, by triangulation, topography as estimated.</p>
12.00	Bottom of canyon, drains S. 30° E.
22.10	End of triangulation on ridge, bearing N. and S.; desc. over broken W. slope.
40.00	<p>Point for the ¼ sec. cor. of secs. 18 and 19.</p> <p>Set the iron post over an "X" chiseled in solid rock, mound with stones to top, cap mkd.</p> <p style="text-align: center;">T5S R28E ¼ S18 S19 1965</p>
43.80	Wash, 10 lks. wide, 4 ft. deep, drains S.
54.30	Rock ledge, N. of high knob on ridge bearing N. and S.; desc. over steep NW. slope.
75.70	<p>The cor. of secs. 13, 18, 19 and 24, on the W. bdy. of the Tp., monumented by an iron post 2 ins. diam., set, mkd. and witnessed as described in the official record of the 1916 survey.</p> <p>Land, mountainous. Soil, sandy loam and rocky. Timber, scattered juniper. Undergrowth, grass, catclaw and cacti.</p> <hr/> <p>From the cor. of secs. 17, 18, 19 and 20.</p> <p>N. 0°03' W., bet. secs. 17 and 18.</p> <p>Over mountainous land.</p> <p>Asc. over steep SW. slope.</p>
33.50	Fence, bears N. 30° W. and S. 30° E.
36.60	Ridge, bears N. 30° W. and S. 30° E.; desc. over steep NE. slope.
40.00	<p>Point for the ¼ sec. cor. of secs. 17 and 18.</p> <p>Set the iron post 8 ins. in the ground, mound with stones to top, cap mkd.</p> <p style="text-align: center;">T5S R28E ¼ S18 S17 1965</p>
55.20	Draw, drains E.
59.30	Spur, slopes E.
64.80	Draw, drains E.

BOOK4778

Subdivision, T. 5 S., R. 28 E., Arizona

CHAINS					
75.50	Spur, slopes E.; desc. over NE. slope.				
80.00	<p>Point for the cor. of secs. 7, 8, 17 and 18.</p> <p>Set the iron post 6 ins. in the ground, mound with stones to top, cap mkd.</p> <div style="text-align: center;"> <p>T5S R28E</p> <table border="1" style="margin: auto;"> <tr> <td>S 7</td> <td>S 8</td> </tr> <tr> <td>S18</td> <td>S17</td> </tr> </table> <p>1965</p> </div> <p>Land, mountainous. Soil, sandy loam and rocky. Timber, widely scattered juniper. Undergrowth, grass, catclaw, thimbleberry and cacti.</p>	S 7	S 8	S18	S17
S 7	S 8				
S18	S17				
39.88	<p>From the cor. of secs. 8, 9, 16 and 17.</p> <p>S. 89°52' W., bet. secs. 8 and 17.</p> <p>Over mountainous land by triangulation.</p> <p>Asc. along steep N. slope.</p> <p>Point for the ¼ sec. cor. of secs. 8 and 17.</p> <p>Set the iron post 10 ins. in the ground, mound with stones to top, cap mkd.</p> <div style="text-align: center;"> <p>T5S R28E</p> <table border="1" style="margin: auto;"> <tr> <td>¼ S 8</td> </tr> <tr> <td>S17</td> </tr> </table> <p>1965</p> </div> <p>End of triangulation.</p>	¼ S 8	S17		
¼ S 8					
S17					
40.50	Small draw, drains N.; asc. over steep E. slope.				
54.20	Ridge, bears N. and S.; desc. over steep W. slope.				
75.20	Draw, drains S. curving to SE.; asc. over NE. slope.				
79.76	<p>The cor. of secs. 7, 8, 17 and 18.</p> <p>Land, mountainous. Soil, sandy loam and rocky. Timber, scattered juniper. Undergrowth, catclaw, yellow brush and cacti.</p>				
22.80	<p>N. 89°50' W., bet. secs. 7 and 18.</p> <p>Over mountainous land.</p> <p>Asc. over steep NE. slope.</p>				
32.40	Ridge, bears irregularly N. 30° W. and S. 30° E.; desc. over steep W. slope.				
40.00	Fence, bears N. 5° W. and S. 5° E.				
40.00	<p>Point for the ¼ sec. cor. of secs. 7 and 18.</p> <p>Set the iron post 4 ins. in the ground, mound with stones to top, cap mkd.</p>				

BOOK4778

Subdivision, T. 5 S., R. 28 E., Arizona

12

12.

CHAINS

T5S R28E

$\frac{1}{4}$ S 7
S 18
1965

Desc. over steep SW. slope by triangulation, topography estimated.

50.00 Draw, drains N. 75° W., circling to S. 75° W.

60.00 Rocky point, projects N. 50 lks. to end; desc. over nearly vertical ledge about 100 ft. high, facing W.

60.50 Continue over rocky W. slope.

75.51 The cor. of secs. 7, 12, 13 and 18 on the W. bdy. of the Tp., monumented by an iron post 2 ins. diam., set and mkd. as described in the official record of the 1916 survey. The original bearing trees have died and fallen over; no suitable bearing trees available.

End of triangulation.

Land, mountainous.
Soil, sandy loam and rocky.
Timber, scattered juniper.
Undergrowth, catclaw, brush and cacti.

From the cor. of secs. 7, 8, 17 and 18.

N. 0°03' W., bet. secs. 7 and 8.

Over mountainous land.

Desc. over steep NE. slope.

5.60 Draw, drains E. curving to S.; asc. over steep SW. slope.

28.80 Ridge, bears SE. and NW.

39.70 Draw, drains SE. 3 chs., then E.

40.00 Point for the $\frac{1}{4}$ sec. cor. of secs. 7 and 8.

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

T5S R28E

$\frac{1}{4}$
S 7 | S 8
1965

Cor. falls on steep SW. slope.

57.60 Ridge, bears E. and W.; desc. over steep, rolling land draining N.

80.00 Point for the cor. of secs. 5, 6, 7 and 8.

Set the iron post 12 ins. in the ground, mound with stones to top, cap mkd.

T5S R28E

S 6 | S 5
S 7 | S 8
1965

Land, mountainous.

BOOK4778

Subdivision, T. 5 S., R. 28 E., Arizona

13.

CHAINS	
	<p>Soil, clay loam and rocky. Timber, scattered juniper. Undergrowth, catclaw, grass and cacti.</p> <hr/> <p>From the cor. of secs. 4, 5, 8 and 9. S. 89°53' W., bet. secs. 5 and 8. Over mountainous land. Along steep rolling S. slope.</p>
15.30	Desc. over steep SW. slope.
20.40	Wash, in bottom of canyon, 50 lks. wide, 1 ft. deep, drains SE. curving E.
22.70	Wash, 20 lks. wide, 1 ft. deep, drains N.; asc. along broken N. slope.
35.20	Finger spur, slopes N.
39.85	Point for the $\frac{1}{4}$ sec. cor. of secs. 5 and 8. Set the iron post 8 ins. in the ground, mound with stones to top, cap mkd. <div style="text-align: center;"> <p>T5S R28E $\frac{1}{4}$ $\frac{S}{S}$ $\frac{5}{8}$ 1965</p> </div>
	Asc. along rolling N. slope.
44.50	Finger spur, slopes N.
50.30	Draw, drains N. 10° E.
55.80	Spur, slopes N.
61.30	Draw, drains N.
64.70	Spur, slopes N.
70.40	Draw, drains N.
75.60	Spur, slopes N.; desc. over W. slope.
79.70	The cor. of secs. 5, 6, 7 and 8. Land, mountainous. Soil, clay loam and rocky. Timber, scattered juniper and oak. Undergrowth, catclaw, thimbleberry, yucca and cacti. <hr/> <p>N. 89°50' W., bet. secs. 6 and 7. Over mountainous land by triangulation, topography as estimated. Desc. over W. slope.</p>
1.00	Small draw, drains N.; continue along rolling N. slope.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 6 and 7. Set the iron post 10 ins. in the ground, mound with stones to top, cap mkd.

BOOK4778

Subdivision, T. 5 S., R. 28 E., Arizona

14

14.

CHAINS	
	<p>T5S R28E $\frac{1}{4}$ $\frac{S}{S}$ $\frac{6}{7}$ 1965</p> <p>End of triangulation.</p>
42.00	Small draw, drains NE.; asc. over steep NE. slope.
52.80	Ridge, bears S. 30° E. and N. 30° W.; desc. over steep SW. slope.
53.20	Fence, bears S. 30° E. and N. 30° W.
75.43	The cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the Tp., monumented by an iron post 2 ins. diam., set, mkd. and witnessed as described in the official record of the 1916 survey.
	<p>Land, mountainous. Soil, clay loam and rocky. Timber, scattered juniper. Undergrowth, catclaw, mesquite and cacti.</p>
	<p>From the cor. of secs. 5, 6, 7 and 8.</p> <p>N. 0°03' W., bet. secs. 5 and 6.</p> <p>Over mountainous land by triangulation, topography as estimated.</p> <p>Desc. over steep N. slope.</p>
10.00	Wash in canyon bottom, 30 lks. wide, 1 ft. deep, drains E.
30.00	Spur, slopes SE.
39.80	Draw, drains E.
40.00	Point for the $\frac{1}{4}$ sec. cor. of secs. 5 and 6.
	<p>Set the iron post 12 ins. in the ground, mound with stones to top, cap mkd.</p>
	<p>T5S R28E $\frac{1}{4}$ $\frac{S}{S}$ $\frac{6}{5}$ 1965</p> <p>End of triangulation.</p>
42.50	Wash, 10 lks. wide, 5 ft. deep, drains SE.; asc. over steep S. slope.
55.50	Ridge, bears S. 80° E. and N. 80° W.; by triangulation, topography estimated.
	<p>Desc. over steep N. slope.</p>
65.00	Large draw, drains E.; asc. over steep SW. slope.
80.36	Intersect the S. bdy. of T. 4 S., R. 28 E. End of triangulation.
	<p>Point for the closing cor. of secs. 5 and 6.</p>

CHAINS

Set the iron post 10 ins. in the ground, mound with stones to top, cap mkd.

T4S R28E
S32
 S 6 | S 5
 T5S R28E
 C C
 1965

from which

The cor. originally set as the cor. of secs. 5, 6, 31 and 32, Tps. 4 and 5 S., R. 28 E., bears N. 89°59' W., 63 lks. dist., monumented by an iron post 2 ins. diam., set, mkd. and witnessed as described in the official record of the 1934 survey. This cor. now functions as the cor. of secs. 31 and 32, T. 4 S., R. 28 E., only, and is remarked

T4S R28E
S31 | S32
 S 6
 T5S
 1965
 1934

Land, mountainous.
 Soil, clay loam and rocky.
 Timber, scattered juniper.
 Undergrowth, catclaw and cacti.

The true point for the ¼ sec. cor. of sec. 6 is on the N. bdy. at 40.00 chs. in westing from the closing cor. of secs. 5 and 6.

True point falls on face of rocky shelf, facing S., where the cor. cannot be perpetuated.

Point selected for the witness ¼ sec. cor. of sec. 6 bears S. 89°59' E., 10 lks. dist.

Set the iron post 2 ins. in the ground, mound with stones to top, cap mkd.

←
 ¼ S6 WC
 T5S R28E
 1965

From the true point for the ¼ sec. cor. of sec. 6.

The ¼ sec. cor. of secs. 6 and 31, bears N. 89°59' W., 63 lks. dist., monumented by an iron post 1 in. diam., set, mkd. and witnessed as described in the official record of the 1934 survey. This cor. now functions as the ¼ sec. cor. of sec. 31, T. 4 S., R. 28 E., only, and is remarked

¼ S 31
1965
 1934

BOOK 4778

Township 5 South, Range 28 East, G&SRM, Arizona

16

16.

CHAINS

General Description

The land in the portion of Township 5 South, Range 28 East, surveyed under this Group, is extremely rough and broken. The soil, which is clay loam and rocky, supports a fair growth of native grass, bear grass, cacti, catclaw, serviceberry and yellow brush. Scattered juniper is found over most of the area, with oak on the north slopes and along the bottoms of canyons and draws.

No flowing springs or permanent water were noted in the surveyed area.

The land at present is primarily used for grazing of livestock, but there was considerable mineral activity, test drilling and blasting in the northwest part of the Township at the time of the survey, in preparation for strip mining of a low grade copper ore deposit. Horses were being used for transportation by those engaged in mineral exploration.

Due to the limited access and rough terrain, a helicopter was used in making the survey.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Frank W. Rogers	Transitman
Howard H. Thomas	Notekeeper and Chainman
Gus M. Menninger	Flagman
Lyman W. Polacca	Chainman
Dale R. Isom	Cornerman

①

BOOK 4778
CERTIFICATE OF SURVEY

We
I, Boyd S. Owens and Robert F. Johnson, HEREBY CERTIFY upon honor that,
in pursuance of special instructions bearing date of the 13th day of March, 1964,
We
I have made a completion survey of the subdivisional lines of Township
5 South, Range 28 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 ^{us} ~~me~~ and under ^{our} ~~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.

July 13, 1966

(Date)

Boyd S. Owens

(Cadastral Surveyor)

July 13, 1966

(Date)

Robert F. Johnson

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

SUBMITTED FOR APPROVAL
Date SEP 29 1966

BUREAU OF LAND MANAGEMENT,
Washington, D. C.

The foregoing field notes of the completion survey of the subdivisional lines of
Township 5 South, Range 28 East, of the Gila and Salt River Meridian
in the State of Arizona,

executed by Boyd S. Owens, Cadastral Surveyor, and Robert F. Johnson, Surveying
Technician,
having been critically examined and found correct, are hereby approved.

NOV 9 1966

(Date)

E. J. Hamilton

(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)