

Book D.

BOOK 4106

FIELD NOTES

OF THE SURVEY OF THE

West boundary and subdivisional lines

of

fractional Township 10 North, Range 17 East,

and of the resurvey of

portions of the boundary of the

Fort Apache Indian Reservation

in said township,

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Albinus N. Kimmell, U.S. Cadastral Engineer

and

Charles E. Hunter, U.S. Transitman,

In the capacity of U. S. Surveyors, under Special Instructions dated June 18, 1934, issued by the District Cadastral Engineer to govern surveys included in Group No. 191, which were approved by the Commissioner of the General Land Office, July 6, 1934, and Assignment Instructions dated August 22, 1935,

Survey commenced September 23, 1935.

Survey completed October 12, 1935.

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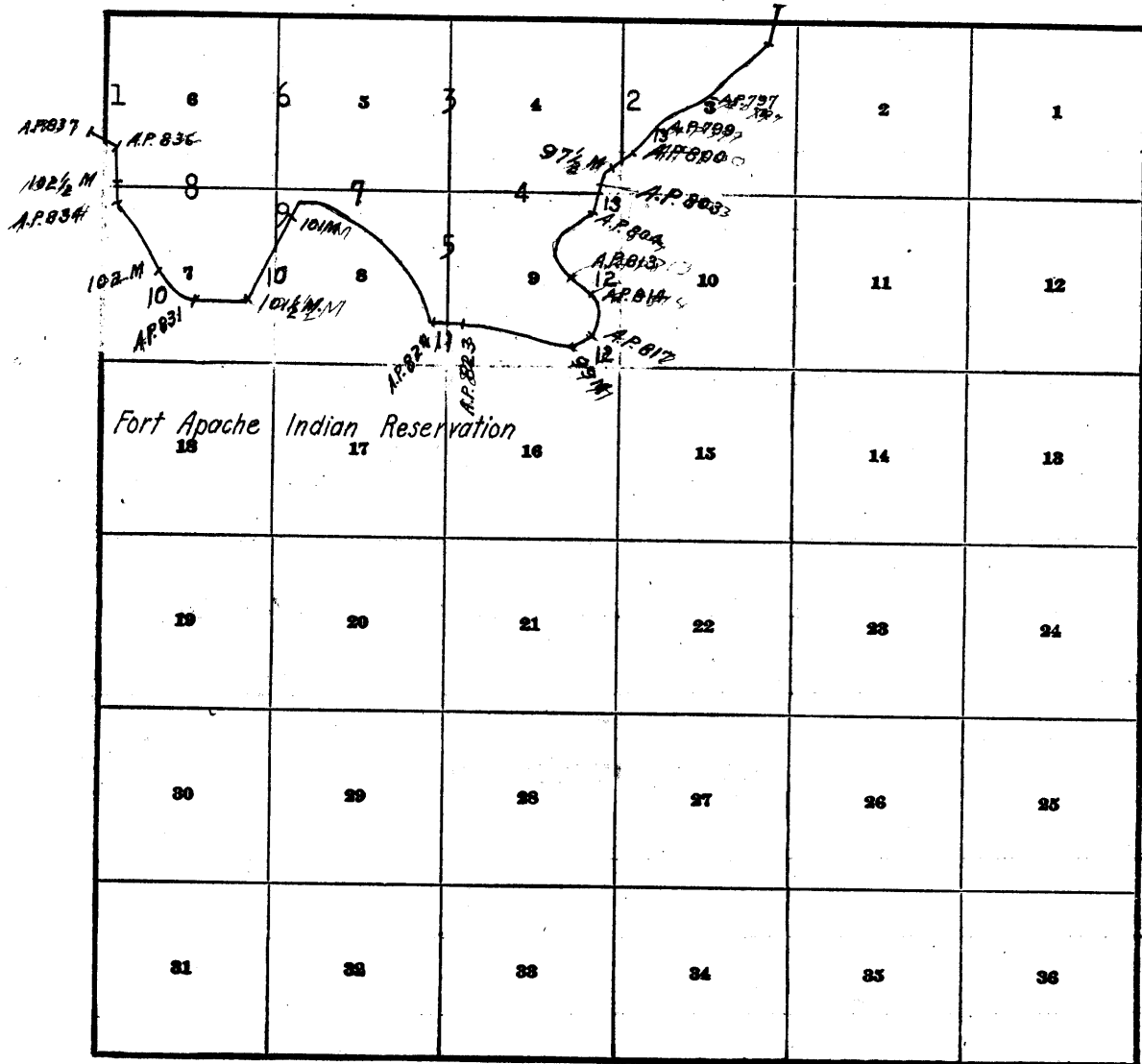
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INDEX DIAGRAM.

Township 10 North, Range 17 East



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West boundary of frac. T. 10 N., R. 17 E.

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Chains

The surveys and resurveys herein described, were executed with a Gurley solar transit No. 20120, and a Buff solar transit No. 18002, both instruments being property of the General Land Office. These instruments and other auxiliary surveying equipment, together with the instrumental tests, are described in the field notes of the west boundary of T. 11 N., R. 18 E., resurveyed under this group.

From the cor. of Tps. 10 and 11 N., Rs. 16 and 17 E., described in the field notes of the south bdy. of T. 11 N., R. 17 E., surveyed under this group.

South, bet. secs. 1 and 6.

Over N. slope, through heavy timber, asc. 160 ft.

19.28 A yellow pine, 15 ins. diam., on line. I mark with two notches on both N. and S. side.

22.50 Spur, slopes SW.; desc. 110 ft.

31.05 Ravine, course N. 75° W.; asc. 65 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$\frac{1}{4}$
S 1 | S 6
1935

from which

A yellow pine, 10 ins. diam., bears S. 36° E., 77 lks. dist., mkd. $\frac{1}{4}$ S 6 B T.

A yellow pine, 8 ins. diam., bears S. 32° 15' W., 96 lks. dist., mkd. $\frac{1}{4}$ S 1 B T.

Ascend 38 ft. over gradual NE. slope.

49.40 Road, bears E. and W.

54.40 Ridge, bears E. and W.; desc. slightly over S. slope.

✓ 58.76 Intersect boundary of the Fort Apache Indian Reservation.

At point of intersection;

Set an iron post, 3 ft. long, 3 ins. diam., 23 ins. in the ground to bedrock, in a mound of stone to top, for closing cor. of Tp. 10 N., Rs. 16 and 17 E., with brass cap mkd.

C C
T 10 N
R 16 E | R 17 E
S 1 | S 6

F A I R
1935

from which

A pine, 7 ins. diam., bears N. 51° 30' E., 42 lks. dist., mkd. T 10 N R 17 E S 6 C C B T.

A pine, 12 ins. diam., bears N. 16° W., 69 lks. dist., mkd. T 10 N R 16 E S 1 C C B T.

From the closing township cor., angle point No. 836 of the Fort Apache Indian Reservation, bears S. 61° 30' E., 34

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West boundary of frac. T. 10 N., R. 17 E.

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lks. dist., a pine, 10 ins. diam., mkd. and witnessed as described in the official record.

And from the same cor., angle point No. 837 of the Fort Apache Indian Reservation, bears N. 61° 30' W., 2.60 chs. dist., a pine, 20 ins. diam., mkd. as described in the official record.

Land, rolling.

Soil, sandy loam; rocky; 2nd and 3rd rate.

Timber, pine, fir, oak, and juniper; undergrowth, second growth pine.

Subdivision of frac. T. 10 N., R. 17 E.

From the cor. of secs. 3, 4, 33 and 34, on the north bdy. of the township, described in the field notes of the south bdy. of T. 11 N., R. 17 E., surveyed under this group.

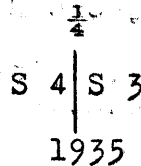
S. 0° 02' E., bet. secs. 3 and 4.

Over rocky SW. slope, through heavy timber and scattering undergrowth, desc. 51 ft.

16.40 Shallow gulch, course NW.

17.40 Road, bears NW. and SE.; asc. 40 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for 1/4 sec. cor., with brass cap mkd.



from which

A pine, 12 ins. diam., bears E., 64 lks. dist., mkd. 1/4 S 3 B T.

A pine, 10 ins. diam., bears N. 28° W., 54 lks. dist., mkd. 1/4 S 4 B T.

Descend 15 ft. over SW. slope.

41.40 Gulch, course NW.; thence asc. slightly over NE. slope.

45.70 Same gulch, course NE.; asc. 28 ft. over gradual NW. slope.

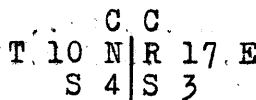
61.90 Ridge, bears NE. and SW.; thence over nearly level land.

62.90 Road, bears NE. and SW.

64.36 Intersect boundary of the Fort Apache Indian Reservation.

At point of intersection;

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for closing cor. of secs. 3 and 4, with brass cap mkd.



F A I R
1935

from which

Subdivision of frac. T. 10 N., R. 17 E.

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	A pine, 13 ins. diam., bears N. 23° 15' E., 126 lks. dist., mkd. T 10 N R 17 E S 3 C C B T.
	A pine, 10 ins. diam., bears N. 38° W., 133 lks. dist., mkd. T 10 N R 17 E S 4 C C B T.
	From the closing cor. of secs. 3 and 4, the 97½ mile monument of the Fort Apache Indian Reservation, bears S. 48° 15' W., 2.38 chs. dist., a quartz stone; 8 x 6 x 4 ins. above ground, bearing illegible markings and witnessed as described in the official record.
	And from same closing cor., angle point No. 800 of the Fort Apache Indian Reservation, bears N. 48° 15' E., 1.91 chs. dist., a pine, 18 ins. diam., mkd. as described in the official record.
	Land, rolling. Soil, sandy loam; rocky; 2nd and 3rd rate. Timber, pine, fir, oak and juniper; undergrowth, second growth pine.
	From true point for the cor. of secs. 4, 5, 32 and 33, on the north bdy. of the township, described in the field notes of the south bdy. of T. 11 N., R. 17 E., surveyed under this group.
	S. 0° 02' E., bet. secs. 4 and 5.
	Descend 3 ft. over bank of gulch.
1.20	Center of gulch, course NE.; asc. 146 ft. over broken N. slope, through heavy timber.
12.40	Spur, slopes NE.; a dim truck trail, bears NE. and SW. Descend 89 ft. over SE. slope.
21.86	Gulch, course NE.; asc. 74 ft.
25.30	Rocky spur, slopes NE.; desc. slightly.
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for ¼ sec. cor., with brass cap mkd.
	¼ S 5 S 4 1935
	from which
	A pine, 10 ins. diam., bears N. 69° 30' E., 40 lks. dist., mkd. ¼ S 4 B T.
	A pine, 9 ins. diam., bears S. 80° 30' W., 64 lks. dist., mkd. ¼ S 5 B T.
	Descend 44 ft. over SE. slope.
46.56	Gulch, course E.; asc. 33 ft.
56.20	Top of ascent; thence over nearly level land.
63.40	Road, follows ridge bearing E. and W. Descend 11 ft. over gradual S. slope.
66.20	Thence over rocky SW. slope, desc. 117 ft.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground to bedrock, in a small mound of stone, for cor. of secs. 4, 5, 8 and 9, with brass cap mkd.

Subdivision of frac. T. 10 N., R. 17 E.

Chains

T 10 N R 17 E

S 5 S 4

S 8 S 9

1935

from which

A pine, 12 ins. diam., bears N. 13° 45' E., 36 lks.
dist., mkd. T 10 N R 17 E S 4 B T.

A pine, 11 ins. diam., bears S. 61° 45' E., 47 lks.
dist., mkd. T 10 N R 17 E S 9 B T.

A pine, 16 ins. diam., bears S. 8° 30' W., 77 lks.
dist., mkd. T 10 N R 17 E S 8 B T.

A pine, 12 ins. diam., bears N. 66° 45' W., 28 lks.
dist., mkd. T 10 N R 17 E S 5 B T.

Land, rolling.

Soil, sandy loam; rocky; 2nd and 3rd rate.

Timber, pine, fir, oak, and juniper; undergrowth, second growth pine.

East, bet. secs. 4 and 9.

Over rocky SW. slope, asc. 24 ft.

- 3.00 Top of ascent; thence over SE. slope, desc. 13 ft.
5.90 Small gulch, course SW.; asc. 60 ft. over NW. slope.
13.46 Truck trail, bears N. and SW.
19.00 Top of ascent; thence over gentle E. slope, dec. 24 ft.
28.50 Road, bears NW. and SE.
40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock, in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

 $\frac{1}{4}$ S 4

S 9

1935

from which

A pine, 6 ins. diam., bears S. 17° 30' W., 44 lks.
dist., mkd. $\frac{1}{4}$ S 9 B T.

A pine, 10 ins. diam., bears N. 1° 30' W., 22 lks.
dist., mkd. $\frac{1}{4}$ S 4 B T.

Descend 25 ft. over gentle E. slope.

- 59.00 Road, bears NE. and SW.
65.50 Fence, bears NE. and SW.
65.73 Intersect boundary of the fort Apache Indian Reservation.

At point of intersection;

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for closing cor. of secs. 4 and 9, with brass cap mkd.

Subdivision of frac. T. 10 N., R. 17 E.

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Chains

$$\begin{array}{r} T\ 10\ N \\ C\ C\ \frac{S\ 4}{S\ 9} / F\ A\ I\ R \\ R\ 17\ E \\ 1935 \end{array}$$

from which

A juniper, 18 ins. diam., bears N. 25° 45' W., 72 lks. dist., mkd. T 10 N R 17 E S 4 C C B T.

A pine, 13 ins. diam., bears S. 76° W., 58 lks. dist., mkd. T 10 N R 17 E S 9 C C B T.

From the closing cor. of secs. 4 and 9, angle point No 803 of the Fort Apache Indian Reservation, bears N. 15° 05' E. 2.42 chs. dist., an iron post, 1 in. in diam., hereinafter described.

And from same closing cor., angle point No. 804 of the Fort Apache Indian Reservation, hereinafter described, bears S. 15° 05' W., 5.03 chs. dist.

Land, rolling.

Soil, sandy loam; rocky; 2nd and 3rd rate.

Timber, pine, fir, oak, and juniper; undergrowth, second growth pine.

From the cor. of secs. 4, 5, 8 and 9.

S, 0° 02' E., bet. secs. 8 and 9.

Over rocky SW. slope, through heavy timber and undergrowth, desc. 34 ft.

2.10 Small gulch, course SW.; asc. 101 ft. over gradual NW. slope.

25.20 Spur, slopes SW.; desc. 72 ft. over gradual SE. slope.

29.30 Blazed truck trail, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

$$\frac{1}{4}$$

$$S\ 8\ | \ S\ 9$$

1935

from which

A pine, 15 ins. diam., bears N. 89° E., 33 lks. dist., mkd. $\frac{1}{4}$ S 9 B T.

A pine, 15 ins. diam., bears S. 79° 30' W., 43 lks. dist., mkd. $\frac{1}{4}$ S 8 B T.

Ascend 21 ft. over NE. slope.

43.60 Spur, projects SE.; blazed truck trail bears NW. and SE.

Descend 34 ft. over SW. slope.

53.60 Head of ravine, course NW.; asc. 48 ft.

58.10 Top of ascent; thence over gentle SW. slope.

59.47 Wire fence, bears E. and W.

Subdivision of frac. T. 10 N., R. 17 E.

Chains
60.03

Intersect boundary of the Fort Apache Indian Reservation.

At point of intersection;

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for closing cor. of secs. 8 and 9, with brass cap mkd.

	C	C	
T 10	N	R 17	E
S 8	S	9	

F A I R

1935

from which

A pine, 12 ins. diam., bears N. 62° E., 111 lks. dist., mkd. T 10 N R 17 E S 9 C C B T.

A pine, 10 ins. diam., bears N. 45° 30' W., 14 lks. dist., mkd. T 10 N R 17 E S 8 C C B T.

From the closing cor. of secs. 8 and 9, angle point No. 823 of the Fort Apache Indian Reservation, hereinafter described, bears S. 87° 46' E., 4.11 chs. dist.

And from same cor., angle point No. 824 of the Fort Apache Indian Reservation, hereinafter described, bears N. 87° 46' W., 2.04 chs. dist.

Land, rolling.

Soil, sandy loam; rocky; 2nd and 3rd rate.

Timber, pine, fir, oak and juniper; undergrowth, second growth pine.

From the cor. of secs. 5, 6, 31 and 32, on the north bdy. of the township, described in the field notes of the south bdy. of T. 11 N., R. 17 E., surveyed under this group.

S. 0° 03' E., bet. secs. 5 and 6.

Over broken NW. slope, through heavy timber and scattering undergrowth, asc. 115 ft.

10.10 Blazed truck trail, bears NE. and SW.

16.70 Ridge, bears NE. and SW.; desc. 55 ft. over gradual S. slope.

36.10 Gulch, course E.; asc. 12 ft.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock, in a mound of stone to top, for $\frac{1}{4}$ sec. cor., with brass cap mkd.

	$\frac{1}{4}$	
S 6		S 5

1935

from which

A pine, 15 ins. diam., bears S. 63° E., 35 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.

A pine, 6 ins. diam., bears N. 65° 30' W., 50 lks. dist., mkd. $\frac{1}{4}$ S 6 B T.

Subdivision of frac. T. 10 N. R. 17 E.

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Chains	
	Ascend 16 ft. over gentle NE. slope.
51.50	Road, bears N. 70° W. and S. 70° E.
55.00	Top of ascent; thence over nearly level ground.
70.00	Descend 156 ft. over rocky SW. slope.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, with brass cap mkd.
	$\begin{array}{r} T\ 10\ N\ R\ 17\ E \\ \quad S\ 6\ S\ 5 \\ \hline \quad S\ 7\ S\ 8 \\ \quad \quad 1935 \end{array}$
	from which
	A pine, 30 ins. diam., bears N. 64° 15' E., 118 lks. dist., mkd. T 10 N R 17 E S 5 B T.
	An oak, 7 ins. diam., bears S. 32° 30' E., 55 lks. dist., mkd. T 10 N R 17 E S 8 B T.
	A pine, 20 ins. diam., bears S. 50° 30' W., 188 lks. dist., mkd. T 10 N., R. 17 E., S 7 B T.
	A pine, 16 ins. diam., bears N. 51° 45' W., 121 lks. dist., mkd. T 10 N R 17 E S 6 B T.
	Land, rolling. Sandy clay loam; rocky; 2nd and 3rd rate. Timber, pine, oak, and juniper; undergrowth, oak and second growth pine.
	East, on a random line, bet. secs. 5 and 8.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.99	Intersect N. and S. line, 9 lks. S. of the cor. of secs. 4, 5, 8 and 9.
	Thence
	S. 89° 56' W., on a true line, bet. secs. 5 and 8.
	Over W. slope, through heavy timber and scattering undergrowth, desc. 34 ft.
1.70	Gulch, course S.; asc. 134 ft. over E. slope.
8.50	Spur, slopes S.; desc. 82 ft.
15.55	Ravine, course S.; asc. 99 ft.
21.30	Spur, slopes S.; desc. 101 ft. over SW. slope.
28.80	Gulch, course S.; asc. 117 ft. over E. slope.
37.60	Spur, slopes S.; desc. 11 ft.
39.99	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.
	$\begin{array}{r} \frac{1}{4} \quad S\ 5 \\ \hline \quad S\ 8 \\ \quad \quad 1935 \end{array}$

Subdivision of frac. T. 10 N., R. 17 E.

Chains		from which
	A pine, 8 ins. diam., bears N. 5° E., 42 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.	
	A pine, 10 ins. diam., bears S. 10° W., 28 lks. dist., mkd. $\frac{1}{4}$ S 8 B T.	
	Descend 124 ft. over W. slope.	
48.20	Gulch, course S.; asc. 110 ft.	
57.00	Spur, slopes S.; desc. 111 ft. over SW. slope.	
65.00	Ravine, course S.; asc. 65 ft.	
67.80	Spur, slopes S.; desc. 35 ft.	
70.10	Ravine, course S.; asc. 53 ft.	
73.01	Angle point No. 829 of the Fort Apache Indian Reservation, bears south, 60 lks. dist.	
73.40	Spur, slopes SW.; desc. 108 ft. over general W. slope.	
79.99	The cor. of secs. 5, 6, 7 and 8.	
	Land, mountainous. Soil, gravelly loam; rocky; 3rd rate. Timber, pine, oak, and juniper; undergrowth, second growth pine.	
	West, bet. secs. 6 and 7.	
	Over broken SW. slope, through heavy timber and scattering undergrowth, desc. 85 ft.	
11.40	Gulch, course S. 10° E.; asc. 241 ft. over broken NE. slope.	
40.00	Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap mkd.	
	$\frac{1}{4}$ $\frac{S\ 6}{S\ 7}$ 1935	
		from which
	A pine, 10 ins. diam., bears S. 48° 30' E., 76 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.	
	A pine, 12 ins. diam., bears N. 54° 15' W., 100 lks. dist., mkd. $\frac{1}{4}$ S 6 B T.	
	Ascend slightly over E. slope.	
50.00	Spur, slopes SE.; desc. slightly.	
55.00	Ascend 11 ft. over SE. slope.	
60.00	Spur, slopes S.; desc. 15 ft. over SW. slope.	
68.90	Thence over SE. slope, asc. 10 ft.	
73.25	Wire fence, bears N. and S.	
73.49	Intersect boundary of the Fort Apache Indian Reservation.	

Subdivision of frac. T. 10 N., R. 17 E.

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Chains

At point of intersection;

Set an iron post, 3 ft. long, 2 ins. diam., 26 ins. in the ground, for closing cor. of secs. 6 and 7, with brass cap mkd.

F A I R	T 10 N S 6 <hr style="width: 100%;"/> S 7 1935	C C
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from which

A pine, 15 ins. diam., bears N. 32° 15' E., 62 lks. dist., mkd. T 10 N R 17 E S 6 C C B T.

A pine, 6 ins. diam., bears S. 26° 45' E., 82 lks. dist., mkd. T 10 N R 17 E S 7 C C B T.

From the closing cor. of secs. 6 and 7, the 102½ mile monument of the Fort Apache Indian Reservation, bears N. 5° 22' W., 42 lks. dist., a sandstone, 12 x 14 x 6 ins. above ground, mkd. and witnessed as described in the official record.

And from same cor., angle point No. 834 of the Fort Apache Indian Reservation, bears S. 5° 22' E., 8.30 chs. dist., a juniper, 30 ins. diam., mkd. as described in the official record.

Land, rolling.

Soil, sandy loam; 2nd and 3rd rate.

Timber, pine, fir, oak, and juniper; undergrowth, second growth pine.

From the cor. of secs. 5, 6, 7 and 8.

S. 0° 03' E., bet. secs. 7 and 8.

Over rocky SW. slope, through heavy timber and scattering undergrowth, desc. 118 ft.

15.61 Intersect boundary of the Fort Apache Indian Reservation.

At point of intersection;

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground, for closing cor. of secs. 7 and 8, with brass cap mkd.

T 10 N	C C R 17 E S 7 S 8
F A I R 1935	

from which

A fir, 5 ins. diam., bears N. 9° E., 1.00 ch. dist., mkd. T 10 N R 17 E S 8 C C B T.

A pine, 8 ins. diam., bears N. 43° 30' W., 30 lks. dist., mkd. T 10 N R 17 E S 7 C C B T.

From the closing cor. of secs. 7 and 8, the 101 mile monument of the Fort Apache Indian Reservation, hereinafter

Subdivision of frac. T. 10 N., R. 17 E.

Chains

described, bears N, 24° 21' E., 8.45 chs. dist.

And from same cor., the 101½ mile monument of the Fort Apache Indian Reservation, hereinafter described, bears S. 24° 21' W., 34.88 chs. dist.

Land, rolling.

Soil, sandy loam; rocky; 2nd and 3rd rate.

Timber, pine, fir, oak, and juniper; undergrowth, second growth pine.

Resurvey of a portion of the boundary of the
Fort Apache Indian Reservation.

From the 102 mile monument of the Fort Apache indian Reservation.

S. 47° 51' E., on a random line.

19.18 Intersect Angle point No. 831 of the reservation bdy., which is a pine snag, 20 ins. diam., mkd. A P N B W M I R 831 on S., and B M F R on N.

Thence

N. 47° 51' W., on a true line, along the reservation bdy.

Over SW. slope, through heavy timber, desc. 133 ft.

14.30 Gulch, course SW.; asc. 14 ft. over SE. slope.

19.18 The 102 mile monument of the reservation bdy., which is a quartzite stone, 10 x 10 x 4 ins. above ground, mkd. 102 M on SE., N B W M I R on SW and B M F R on NE. face.

from which

A pine, 16 ins. diam., bears S. 57° 45' E., 25 lks. dist., mkd. N B W M I R 102 M B T.

A fallen pine, 15 ins. diam., bears S. 3° E., 46 lks. dist., mkd. N B W M I R 102 M B T.

A fallen pine, 30 ins. diam., bears north, 108 lks. dist., mkd. N B W M I R 102 M B T.

A pine, 30 ins. diam., bears N. 16° 45' E., 70 lks. dist., mkd. N B W M I R 102 M B T.

From the 101½ mile monument of the Fort Apache Indian Reservation.

N. 24° 25' E., on a random line.

43.33 The 101 mile monument of the reservation bdy., bears N. 65° 35' W., 4 lks. dist., a quartzite stone, 15 x 10 x 6 ins. above ground, mkd. N B W M I R 101 M on top.

from which

A pine, 30 ins. diam., bears N. 7° 45' E., 47 lks. dist., mkd. N B W M I R 101 M B T.

Resurvey of a portion of the boundary of the
Fort Apache Indian Reservation.

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Chains	
	A pine, 32 ins. diam., bears N. 24° 15' E., 64 lks. dist., mkd. N B W M I R 101 M B T.
	A pine, 28 ins. diam., bears S. 41° 45' E., 54 lks. dist., mkd. N B W M I R B T.
	A pine, 24 ins. diam., bears N. 15° W., 54 lks. dist., mkd. N B W M I R 101 M B T.
	Thence
	S. 24° 21' W., on a true line, along the reservation bdy. Over SW. slope, through heavy timber, desc. 80 ft.
4.10	Thence over W. slope, desc. 71 ft.
12.50	Gulch, course SE.; asc. 29 ft.
21.00	Spur, slopes SE.; desc. 32 ft.
23.10	Gulch, course SE.; asc. 48 ft.
25.70	Spur, slopes SE.; desc. 22 ft.
28.00	Ravine, course SE.; asc. 47 ft. over NE. slope.
32.00	Thence over general E. slope, asc. 136 ft.
43.33	The 101½ mile monument of the reservation bdy., a quartzite stone, 14 x 8 x 6 ins. above ground, mkd. 101½ M on top.
	from which
	An oak, 10 ins. diam., bears S. 78° E., 71 lks. dist., The grown over blaze on tree is not opened.
	An oak, 15 ins. diam., bears S. 15° E., 43 lks. dist. The grown over blaze on tree is not opened.
	An oak, 8 ins. diam., bears S. 58° W., 63 lks. dist. The grown over blaze on tree is not opened.
	An oak, 6 ins. diam., bears S. 86° W., 38 lks. dist., mkd. N B W M I R 101 M B T.
	From angle point No. 824 of the Fort Apache Indian Reservation.
	S. 89° 35' E., on a random line.
6.20	The point for angle point No. 823 of the reservation bdy., determined by measurements from bearing trees, bears S. 14° 48' W., 20 lks. dist.
	At point for angle point;
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for angle point No. 823 of the Fort Apache Indian Reservation, with brass cap mkd.
	T 10 N R 17 E S 9
	A P 823 F A I R 1935
	from which

Resurvey of a portion of the boundary of the
Fort Apache Indian Reservation.

Chains

A pine snag, 15 ins. diam.; bears N. 45° E., 16 lks. dist., mkd. N B W M I R 823 B T.

A pine, 16 ins. diam., bears S. 40° E., 20 lks. dist., mkd. N B W M I R 823 B T.

Thence

N. 87° 46' W., on a true line, along the reservation bdy.

Over nearly level land, through heavy timber.

6.15 Angle point No. 824 of the reservation bdy., which is a pine, 14 ins. diam., mkd. A P N B W M I R 824 on S., and B M F R on N.

From the 99 mile monument of the Fort Apache Indian Reservation.

N. 74° 30' E., on a random line.

7.16 Angle point No. 817 of the reservation bdy., bears N. 26° 30' W., 72 lks. dist., a pine, 20 ins. diam., mkd. A P N B W M I R 817 on E., and B M F R on W.

Thence from angle point.

S. 68° 45' W., on a true line, along the reservation bdy.

Over W. slope, through heavy timber, desc. 72 ft.

7.06 The 99 mile monument of the reservation bdy., which is a sandstone, 12 x 6 x 10 ins. above ground, mkd. N B W M I R 99 M on top of stone.

from which

A pine, 18 ins. diam.; bears S. 80° 30' E., 29 lks. dist. The grown over blaze on tree is not opened.

A pine, 10 ins. diam.; bears S. 13° 15' E., 24 lks. dist. The grown over blaze on tree is not opened.

A pine, 12 ins. diam., bears S. 18° 15' W., 43 lks. dist. The grown over blaze is not opened.

An oak, 8 ins. diam., bears S. 49° 45' W., 16 lks. dist., The grown over blaze on tree is not opened.

From angle point No. 814 of the Fort Apache Indian Reservation.

N. 52° 42' W., on a random line.

7.57 Angle point No. 813 of the reservation bdy., bears N. 49° E., 186 lks. dist., a pine, 15 ins. diam., mkd. A P N B W M I R 813 on NE., and B M F R on SW.

Thence, from angle point.

S. 38° 30' E., on a true line, along the reservation bdy.

Over gentle SE. slope, through heavy timber, desc. 30 ft.

7.42 Angle point No. 814 of the reservation bdy., which is a

Resurvey of a portion of the boundary of the
Fort Apache Indian Reservation.

BOOK 4106

Chains

pine 20 ins., diam., mkd. A P N B W M I R 814 on NE., and
B M F R on SW.

From angle point no. 804 of the Fort Apache Indian Reser-
vation.

N. 15° 05' W., on a random line.

- 7.45 The point for angle point No. 803 of the reservation bdy.,
bears east, 3.88 chs. dist. This point along side of
which lies a dead and partially decayed pine, 10 ins. diam.
mkd. A P N B W M I R 803, was determined by measurement
from a mound of stone, recorded as being N. 10° W., 36 lks.
dist.

At point for angle point;

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for angle point No. 803 of the Fort Apache Indian
Reservation, with brass cap mkd.

T 10 N / A P 803
R 17 E / F A I R
S 4 /

1935

Thence

S. 15° 05' W., on a true line, along the reservation bdy.

Over nearly level land through timber.

- 7.45 Angle point No. 804 of the reservation bdy., which is a
pine snag, 14 ins. diam., mkd. A P N B W M I R 804 on SE.,
and B M F R on NW.

from which

A pine, 12 ins. diam., bears S. 55° W., 42 lks. dist.,
mkd. A P N B W M I R 804 B T.

A pine, 20 ins. diam., bears S. 74° 30' E., 90 lks.
dist., mkd. A P N B W M I R 804 B T.

From angle point No. 800 of the Fort Apache Indian Reser-
vation,

N. 42° 30' E., on a random line.

- 14.00 A point 2.46 chs. N. 37° 30' W. of angle point No. 799,
which is a pine, 10 ins. diam., mkd. APNBWMIR 799 on S.,
and BMFR on N. face.

Thence from angle point.

S. 52° 28' W., on true line along reservation bdy., over
nearly level land.

- 14.22 Angle point No. 800, hereinbefore described.

Resurvey of a portion of the boundary of the
Fort Apache Indian Reservation.

Angle point No. 797 of the Fort Apache Indian Reservation is a pine, 6 in. diam., fallen and rotting.

At true point for cor.,

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for Angle point No. 797, with brass cap mkd.

T 10 N R 17 E

Section S. 3

AP 797

FAIR

1936

The final tests of the solar instruments are described in the field notes of the subdivision of T. 11 N., R. 17 E., surveyed under this group.

General Description.

Fractional T. 10 N., R. 17 E. is situated on the Mogollon Plateau, about forty four miles southwest of Holbrook, Arizona, and may be easily reached by roads leading from either Holbrook or Young. A second class road enters the township near the NE. corner of section 4, follows close to the divide, and leaves the township on the west boundary of section 6.

The elevation of the township ranges from 7,000 to 7,200 feet above sealevel. The drainage is about equally divided to the north and the south. The soil is gravelly and sandy loam, containing much rock. A good growth of timber is found over the entire fractional township. Yellow pine predominates, while fir, oak, aspen and juniper are found in more scattered growths. The undergrowth is scattering. There is only a thin stand of native grass.

4-680
(Revised May 1934)

ECOK 4106

FIELD ASSISTANTS

NAMES	CAPACITY
Orland Parks	Principal Assistant
John Midzor	Chainman
Loral Leavitt	Flagman
Vern L. Frazee	Axeman
Hugh Goff	Axeman
Dick Lewis	Cornerman
J. P. Hester	Principal Assistant
Raymond Davis	Chainman
Wm. Martin	Flagman
C. C. Dyer	Axeman
Albert Jennings	Cornerman

CERTIFICATE OF UNITED STATES SURVEYOR

We, Albinus N. Kimmell, U. S. Cadastral Engineer, and Charles E. Hunter, U. S. Transitman, HEREBY CERTIFY upon honor that, in

pursuance of special instructions bearing date of the 18th day of June, 1934,

received from the district cadastral engineer for Arizona, with assignment August 22, 1935 and

instructions dated Sept. 12, 1935, we have surveyed the west boundary and subdivis-
divisional lines of fractional Township 10 North, Range 17 East, and
resurveyed portions of the boundary of the Fort Apache Indian Reser-
vation in said township,

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 and under our
and resurvey 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.

Glendale, California, March 7, 1936, Albinus N. Kimmell
U. S. Cadastral Engineer
Glendale, California, March 7, 1936, Charles E. Hunter
U. S. Transitman

CERTIFICATE OF APPROVAL

OFFICE OF U.S. SUPERVISOR OF SURVEYS,

Denver, Colorado, Nov. 17, 1936.

The foregoing field notes of the survey of the west boundary and subdivis-
divisional lines of fractional Township 10 North, Range 17 East, and resurvey of portions
of the boundary of the Fort Apache Indian Reservation in said townshipp
of the Gila and Salt River Meridian, in the State of Arizona,


executed by Albinus N. Kimmell, U. S. Cadastral Engineer, and
Charles E. Hunter, U. S. Transitman.

under special instructions dated June 18, 1934, and assignment

instructions dated Aug. 22, and Sept. 12, 1935, having been critically examined, and

the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey
and resurvey

/ therein described, are hereby approved.


U.S. Supervisor of Surveys.

CERTIFICATE OF TRANSCRIPT

I certify that the foregoing transcript of the field notes of the above-described surveys in T. 10 N.,
M., Arizona.

R. 17 E., G. and S. R. is a true copy of the original field notes on file in the public survey office.

U.S. Supervisor of Surveys.