

3275

Book "P."
4-679

BOOK 3275

FIELD NOTES

OF THE SURVEY OF THE

Meanders of the left bank of the Little Colorado River, and a

Portion of the Subdivision lines within

TOWNSHIP 27 NORTH, RANGE 10 EAST,

Of the Gila and Salt River Base and Meridian,

In the State of Arizona.

EXECUTED BY

Theodore Q. Johnston, U.S. Surveyor,

and

Philip L. Inch, U. S. Transitman,

~~In the capacity of U.S. Surveyor~~, under instructions dated January 4, 1916,

issued by the United States Surveyor General to govern surveys included in
Group No. 66, which were approved by the Commissioner of the General Land

Office, January 17, 1916.

Survey commenced May 27, 1916.

Survey completed June 1, 1916.

Executed under Assignment
Instructions dated Feb. 3, 1916.

3275

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Book "P"

Group 66 - - - Arizona.

INDEX DIAGRAM.

Township 27 North, Range 10 East.

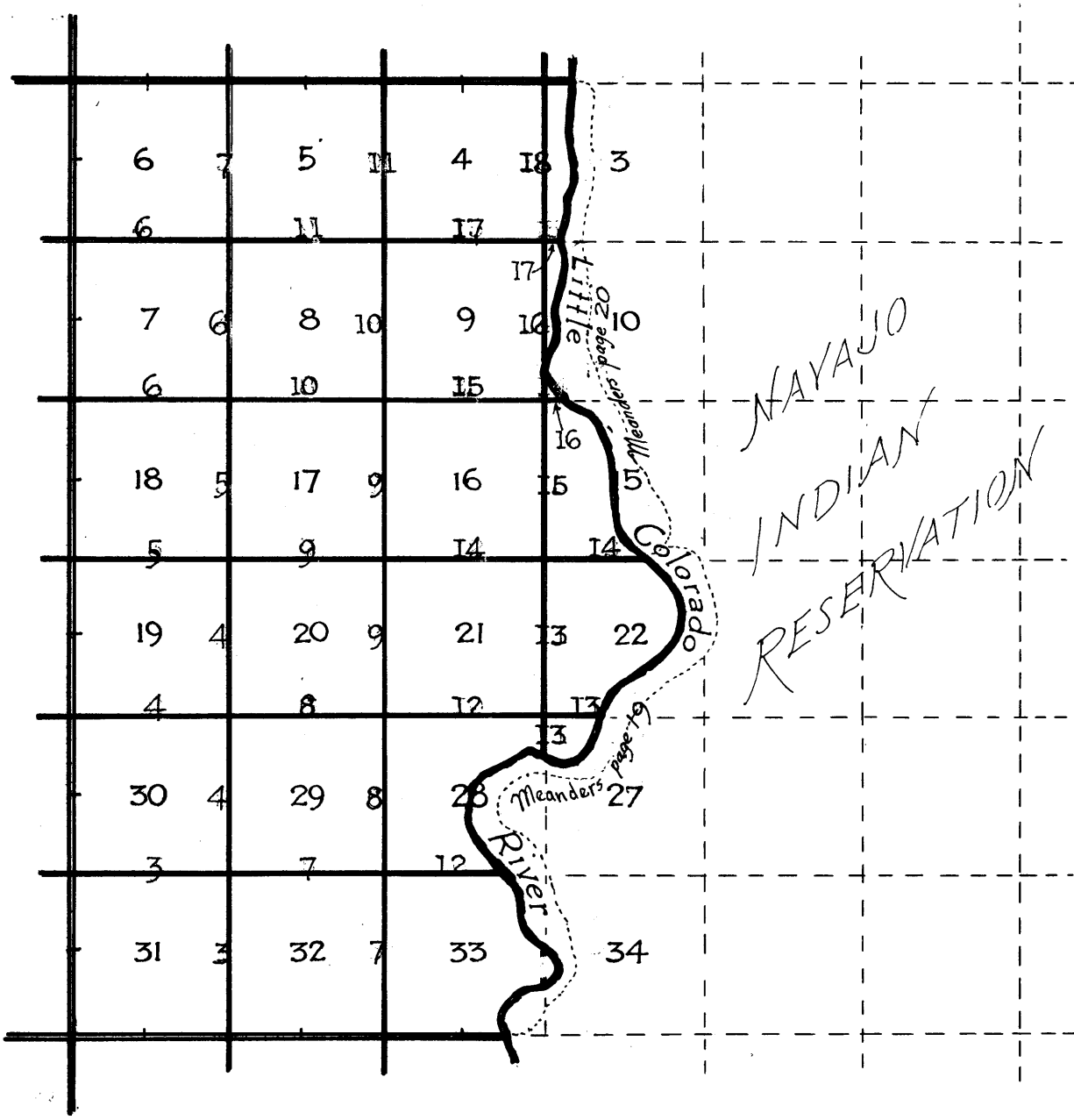
6	5	5	9	4	16	3	2	1
4		9		15		15		
7	4	8	8	9	14	10	11	12
4		8		13		14		
18	3	17	7	16	13	15	14	13
3		7		12		12		
19	2	20	7	21	11	22	23	24
2		6		10		11		
30	2	29	6	28	11	27	26	25
1		5		10				
31	1	32	5	33		34	35	36

T. 27 N., R. 10 E.

Index Diagram.

3275

BOOK 3275



NAVAYO
INDIAN
RESERVATION

— Lines surveyed under this Group.

- - - Unsurveyed.

A portion of subdivision of T. 27 N., R. 10 E. 3

Chains

Surveys in this township were executed by Theo. O. Johnston, U. S. Surveyor, and Philip L. Inch, U. S. Trans- itman.

Dates of survey shown on diagram on page 22 hereof.

The instruments used are described, with a record of approval by the Assistant Supervisor of Surveys, District No. 5, and field tests, in book "A".

All lines were originated by deflections from a meridian determined by Theo. O. Johnston, by observations on Polaris at elongation, a record of which may be found in book "O"; and were projected with transits by back and fore sights and carefully measured angles.

--oOo--

From the cor. of secs. 5, 6, 31 and 32, on S. bdy. of Tp., described in book "C",

N. 0° 1' E. bet. secs. 31 and 32.

Over rocky rolling land of Black Mesa.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

1/4 S31 | S32
1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, mkd. on brass cap

T27N R10E
S30 | S29
S31 | S32
1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, rolling.
Soil, rocky, 4th rate.
No timber.

West on a random line bet. secs. 30 and 31.

40.00 Set temp. 1/4 sec. cor.

80.02 Intersect W. bdy. of Tp., 7 lks. S. of cor. of secs. 25, 30, 31 and 36, described in book "E".

Thence

S. 89° 57' E. on a true line bet. secs. 30 and 31.

Over rolling Black Mesa Rim.

Desc. 69 ft. to

5.00 Asc. rocky W. slope 62 ft. to

6.80 Thence over Black Mesa.

40.01 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

1/4 S 30
S 31
1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

80.02 The cor. of secs. 29, 30, 31 and 32.

Land, rolling over Black Mesa.

Soil, rocky, 4th rate.

No timber.

4

Subdivision of portion of T. 27 N., R. 10 E.

Chains

N. 0° 1' E. bet. secs 29 and 30.
Over rolling land of Black Mesa.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

1/4
S30 | S29
1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 19, 20, 29 and 30, mkd. on brass cap

T27N R10E
S19 | S20
S30 | S29
1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Land, rolling.
Soil, rocky, 4th rate.
No timber.

West on a random line bet. secs. 19 and 30.

40.00 Set temp. 1/4 sec. cor.

80.02 Intersect W. bdy. of Tp., 14 lks. S. of cor. of secs. 19, 24, 25 and 30, described in book "E".

Thence

S. 89° 54' E. on a true line bet. secs. 19 and 30.
Over rocky rim of Black Mesa.

Desc. 66 ft. to

3.30 Canyon course N. Asc. 244 ft. to

13.40 Thence over rolling land of Black Mesa.

40.01 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

1/4 S 19
S 30
1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

80.02 The cor. of secs. 19, 20, 29 and 30.

Land, rolling and mountainous.

Soil, rocky, 4th rate.

No timber.

N. 0° 1' E. bet. secs. 19 and 20.

Over rolling land of Black Mesa.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

1/4
S19 | S20
1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

43.00 Desc. over broken cliffs and large malpais boulders, 300 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, mkd. on brass cap

Subdivision of portion of T. 27 N., R. 10 E.

Chains

T27N R10E
S18|S17
S19|S20
1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.
Land, rolling and mountainous.
Soil, rocky, 4th rate.
No timber.

40.00
80.04

West on a random line bet. secs. 18 and 19.
Set temp. ¼ sec. cor.
Intersect W. bdy. of "p.", 22 lks. S. of cor. of secs.
13, 18, 19 and 24, described in book "E".

Thence
S. 89° 51' E. on a true line bet. secs. 18 and 19.
Over rolling rim of mesa.

12.00
40.02

Desc. gradual SE. slope to
Asc. NW. slope of Black Mesa 193 ft. to
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for ¼ sec. cor., mkd. on brass cap

¼ S 18
S 19
1916

80.04

and raise a mound of stone, 2 ft. base, 1½ ft. high,
N. of cor.
The cor. of secs. 17, 18, 19 and 20.
Land, rolling N. slope of mesa.
Soil, rocky, 4th rate.
No timber.

17.50

N. 0° 1' E. bet. secs. 17 and 18.
Over rim of Black Mesa.
Desc. rocky broken N. slope, 194 ft. to
Wash, course NE. Foot of desc. Thence over rolling
land.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for ¼ sec. cor., mkd. on brass cap

¼
S18|S17
1916

41.10
45.00
56.80
76.00
80.00

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.
Desc. 18 ft. to
Canyon course NE. Asc. 27 ft. to
Desc. 63 ft. to
Wash, course E. Thence over rolling land.
Wash, course SE.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in
the ground, for cor. of secs. 7, 8, 17 and 18, mkd.
on brass cap

T27N R10E
S 7|S 8
S18|S17
1916

and raise a mound of stone, 2 ft. base, 1½ ft. high,
W. of cor.
Land, rolling & mountainous.
Soil, rocky and gravelly, 4th rate. No timber.

6 . Subdivision of portion of T. 27 N., R. 10 E.

Chains
 40.00 West on a random line bet. secs. 7 and 18.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.04 Intersect W. bdy. of Tp., 16 lks. S. of cor. of secs.
 7, 12, 13 and 18, described in book "E".
 Thence
 S. $89^{\circ} 53'$ E. on a true line bet. secs. 7 and 18.
 Over rolling land.
 40.02 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$$\begin{array}{r} \frac{1}{4} \text{ S } 7 \\ \hline \text{S } 18 \\ 1916 \end{array}$$

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
 dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.
 high, N. of cor.
 80.04 The cor. of secs. 7, 8, 17 and 18.
 Land, rolling.
 Soil, gravelly adobe, 4th rate.
 No timber.

N. 0° 1' E. bet. secs. 7 and 8.
 Over rolling land.
 36.00 Wash, course NE.
 40.00 Set an iron post 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$$\begin{array}{r} \frac{1}{4} \\ \text{S } 7 \text{ | } \text{S } 8 \\ \hline 1916 \end{array}$$

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in
 the ground, for cor. of secs. 5, 6, 7 and 8, mkd.
 on brass cap

$$\begin{array}{r} \text{T27N R10E} \\ \text{S } 6 \text{ | } \text{S } 5 \\ \hline \text{S } 7 \text{ | } \text{S } 8 \\ 1916 \end{array}$$

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 W. of cor.
 Land, rolling.
 Soil, rocky clay, 4th rate.
 No timber.

West on a random line bet. secs. 6 and 7.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.12 Intersect W. bdy. of Tp., 23 lks. S. of cor. of secs. 1,
 6, 7 and 12, described in book "E".
 Thence
 S. $89^{\circ} 50'$ E. on a true line bet. secs. 6 and 7.
 Over rolling land.
 40.06 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$$\begin{array}{r} \frac{1}{4} \text{ S } 6 \\ \hline \text{S } 7 \\ 1916 \end{array}$$

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft.
 dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft.
 high, N. of cor.

Subdivision of portion of T. 27 N., R. 10 E.

Chains
80.12

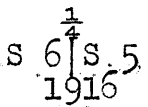
The cor. of secs. 5, 6, 7 and 8.
Land, rolling.
Soil, untillable, rocky clay, 4th rate.
No timber.

40.00
80.30

N. 0° 1' E. on a random line bet. secs. 5 and 6.
Set temp. $\frac{1}{4}$ sec. cor.
Intersect N. bdy. of Tp., at the cor. of secs. 5, 6, 31
and 32, described in book "0".

3.30
24.80
40.30

Thence
S. 0° 1' W. on a true line bet. secs. 5 and 6.
Over rolling land.
Wash, course E.
Road brs. SE. and NW.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

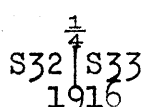


80.30

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor.
The cor. of secs. 5, 6, 7 and 8.
Land, rolling.
Soil, untillable, rocky clay, 4th rate.
No timber.

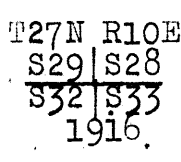
40.00

From the cor. of secs. 5 and 32, and ~~fracl. secs. 4 and 33, on~~
~~bdy. of Tp., described in Book "C."~~
N. 0° 1' E. bet. ~~secs 32, and fracl. sec. 33.~~
Along rocky E. slope of Black Mesa, over large malpais
boulders.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap



80.00

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in
the ground, for cor. of secs. 29, and 32, and ~~fracl. secs.~~
28 and 33, marked on brass cap.



and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
W. of cor.
Land, rolling & mountainous.
Soil, rocky, 4th rate.
No timber.

40.00
80.04

West on a random line bet. secs. 29 and 32.
Set temp. $\frac{1}{4}$ sec. cor.,
Intersect N. and S. line, 14 lks. S. of cor. of secs.
29, 30, 31 and 32.
Thence
S. 89° 54' E. on a true line bet. secs. 29 and 32.

8

Subdivision of portion of T. 27 N., R. 10 E.

Chains
 40.02 Over rolling land.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

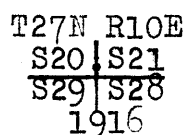
$$\begin{array}{r} \frac{1}{4} \text{ S } 29 \\ \hline \text{S } 32 \\ 1916 \end{array}$$

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 61.00 Desc. broken rocky E. slope, over large boulders, 143 ft. to
 70.00 Foot of descent. Thence over rolling land.
 80.04 The cor. of secs. 29 and 32, and fracl. secs. 28 and 33.
 Land, rolling and mountainous.
 Soil, rocky, 4th rate.
 No timber.

N. 0° 1' E. bet. sec. 29 and fracl. sec. 28.
 Over rolling & mountainous land, along rim of Black Mesa.
 15.00 Desc. along rocky NE. slope over large boulders, 35 ft. to
 40.00 Thence over rolling E. slope.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

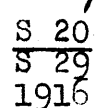


and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 80.00 Desc. gradual rolling rocky NE. slope to
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 20, 21 and 29, and fracl. sec. 28, marked on brass cap,



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, rolling & mountainous.
 Soil, rocky, 4th rate.
 No timber.

40.00 West on a random line bet. secs. 20 and 29.
 Set temp. $\frac{1}{4}$ sec. cor.
 80.06 Intersect N. and S. line, 10 lks. S. of cor. of secs. 19, 20, 29 and 30.
 Thence
 S. 89° 56' E. on a true line bet. secs. 20 and 29.
 Over rolling land of Black Mesa.
 40.03 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap



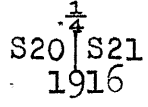
and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
 80.06 Desc. broken rocky NE. slope of Black Mesa, 296 ft. to
 The cor. of secs. 20, 21, and 29, and fracl. sec. 28.

Subdivision of portion of T. 27 N., R. 10 E.

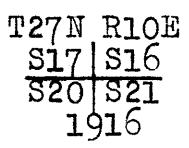
Chains

Land, rolling and mountainous.
Soil, rocky, 4th rate.
No timber.

40.00 N. 0° 1' E. bet. secs. 20 and 21.
Over rolling land.
Desc. gradual NE. slope.
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in a mound of stone, for 1/4 sec. cor., mkd. on brass cap



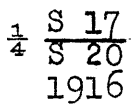
50.00 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
60.00 Desc. NE. slope, 127 ft. to
Foot of descent brs. NW. and SE.
65.00 Wash, course NE.
75.00 Wash, course SE.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, mkd. on brass cap



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Land, rolling & mountainous.
Soil, rocky, 4th rate.
No timber.

40.00 West on a random line bet. secs. 17 and 20.
Set temp. 1/4 sec. cor.
80.14 Intersect N. and S. line, 6 lks. S. of cor. of secs. 17, 18, 19 and 20.

Thence
S. 89° 57' E. on a true line bet. secs. 17 and 20.
Over rolling land.
40.07 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in a mound of stone, for 1/4 sec. cor.,



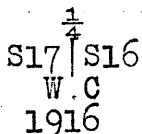
60.00 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
60.00 Desc. rocky NE. slope, 166 ft. to
Foot of descent.
73.00 Wash, course SE.
80.14 The cor. of secs. 16, 17, 20 and 21.
Land, rolling & mountainous.
Soil, rocky, 4th rate.
No timber.

32.50 N. 0° 1' E. bet. secs. 16 and 17.
Over rolling land.
40.00 Small canyon, 2 chs. wide, 30 ft. deep, course NW.
True point for 1/4 sec. cor., fall s in wash, course N. 20° E.

10 8 . Subdivision of portion of T. 27 N., R. 10 E.

Chains

40.50 therefore at
Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for witness cor. to $\frac{1}{4}$ sec. cor., mkd. on brass cap



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

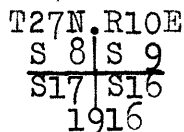
45.00 Same wash, course N. 20° W.

46.20 Cliff 20 ft. high, brs. NW. and SE.

53.00 Cliff 20 ft. high, brs. NE. and SW.

55.00 Wash, course NE.

80.00 Set an iron post, 3 ft. long, 2 in. diam., 24 ins. in the ground, for cor. of secs. 8, 16, and 17, and fracl. sec. 9, marked on brass cap,



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, rolling & mountainous.

Soil, gravelly and rocky, 4th rate.

No timber.

40.00 West on a random line bet. secs. 8 and 17.

Set temp. $\frac{1}{4}$ sec. cor.

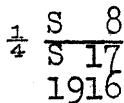
80.10 Intersect N. and S. line, 7 lks. S. of cor. of secs. 7, 8, 17 and 18.

Thence

S. 89° 57' E. on a true line bet. secs. 8 and 17.

Over rolling land.

40.05 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.

80.10 The cor. of secs. 8, 16, and 17, and fracl. sec. 9.

Land, rolling.

Soil, gravelly, 4th rate.

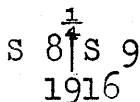
No timber.

N. 0° 1' E. bet. sec. 8 and fracl. sec. 9.

Over rolling land.

17.00 Wash, course E.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap



and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

42.00 Wash, course E.

75.00 Wash, course E.

Subdivision of portion of T. 27 N. R. 10 E. 11

Chains
80.00 Set an iron post, 3 ft. long, 2 in. diam., 24 ins. in the ground, for cor. of secs. 4, 5 and 8, and fracl. sec. 9, marked on brass cap,

T27N R10E
S 5 | S 4
S 8 | S 9
1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.
Land, rolling.
Soil, rocky clay, 4th rate.
No timber.

40.00 West on a random line bet. secs. 5 and 8.
Set temp. ¼ sec. cor.
80.04 Intersect N. and S. line, 6 lks. S. of cor. of secs. 5, 6, 7 and 8.

Thence
S. 89° 57' E. on a true line bet. secs. 5 and 8.
Over rolling land.

5.00 Wash, course NE.
40.02 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., mkd. on brass cap

¼ S 5
S 8
1916

dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3½ ft. base, 1½ ft. high, N. of cor.

80.04 The cor. of secs. 4, 5, and 8, and fracl. sec. 9.
Land, rolling.
Soil, rocky clay, 4th rate.
No timber.

40.00 N. 0° 1' E. on a random line bet. secs. 4 and 5.
Set temp. ¼ sec. cor.
80.36 Intersect N. bdy. of Tp., 4 lks. W. of the cor. of secs. 4, 5, and 32, and fracl. sec. 33, described in Book "0."

Thence
S. 0° 3' W. on a true line bet. secs. 4 and 5.
Over rolling land.

27.35 Wash, course NE.
40.36 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for ¼ sec. cor., mkd. on brass cap

¼ S 5 | S 4
1916

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

55.35 Road brs. NW. and SE.
78.95 Road brs. NW. and SE.
80.36 The cor. of secs. 4, 5, 8, and fracl. sec. 9.
Land, rolling.
Soil, rocky clay, 4th rate.
No timber.

12 20 Subdivision of portion of T. 27 N., R. 10 E.

Chains

From the cor. of secs. 29 and 32, and fracl. secs. 28 and 33.
 East on a true line bet. fracl. secs. 28 and 33.
 Over rolling land.
 Desc. E. slope over malpais boulders, 497 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 28
 S 33
 1916

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.

Thence over river bottom.

59.00 The left bank of the Little Colorado river, brs. N. 15° W., and
 S. 15° E., course of river, NW. At point of intersection
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in
 the ground, for meander cor. of fracl. secs. 28 and
 33, mkd. on brass cap

T27N
 S28
 S33 MC
 R10E
 1916

dig a pit, 36 X 36 X 12 ins., 8 ft. W. of post, and
 raise a mound of earth, 4 ft. base, 2 ft. high, W. of
 cor.

Land, rolling and mountainous.
 Soil, rocky, and sandy, 4th rate.
 No timber.

From the cor. of secs. 20, 21, and 29, and fracl. sec. 28,
 East on a true line bet. secs. 21 and 28.
 Desc. rocky NE. slope, 204 ft. to
 25.00 Foot of descent brs. N. and S.
 39.50 Desc. broken E. slope, over large sandstone boulders,
 42 ft.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in a
 mound of stone, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 21
 S 28
 1916

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,
 N. of cor.

47.00 Wash, course NE.
 55.00 Asc. W. slope, 30 ft. to
 56.00 Spur slopes N. Desc. E. slope, 116 ft. to
 60.00 Leave rolling & mountainous land, enter river bottom brs.
 NE. and SW.
 64.00 Same wash, course S. 10° E.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in
 the ground, for cor. of sec. 21, and, fracl. secs. 22, 27, and
 28, marked on brass cap,

T27N R10E
 S21 S22
 S28 S27
 1916

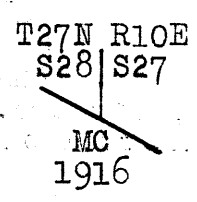
dig pits, 18 X 18 X 12 ins., in each sec., $5\frac{1}{2}$ ft. dist.
 and raise a mound of earth, 4 ft. base, 2 ft. high,
 W. of cor.

Land, rolling and mountainous, and level river bottom.
 Soil, rocky and sandy, 4th rate.
 No timber.

Subdivision of portion of T. 27 N. R. 10 E. 13

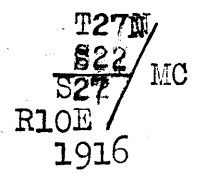
Chains

7.00 S. 0° 2' W. bet. fracl. secs. 27 and 28.
 Over river bottom.
 Enter scattering timber brs. E. and W.
 18.40 ~~The~~ Left bank of Little Colorado River brs. S. 70° E. and
 N. 70° W., course of river, SE. At point of intersection
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for meander cor. of fracl. secs. 27 and 28,
 mkd. on brass cap



from which,
 A cottonwood, 12 ins. diam., brs. N. 2° E.,
 300 lks. dist., mkd. T 27 N R 10 E S 27 M C B T.
 A cottonwood, 12 ins. diam., brs. N. 11° W.,
 350 lks. dist., mkd. T. 27 N R 10 E S 28 M C B T.
 Also dig a pit, 36 X 36 X 12 ins., 8 ft. N. of post, and
 raise a mound of earth, 4 ft. base, 2 ft. high, N. of
 cor.
 Land, rolling & level river bottom.
 Soil, sandy, 4th rate.
 Timber, scattering cottonwood.

From the cor. of ~~sec. 21, and fracl. secs. 22, 27, and 28,~~
 East on a true line bet. fracl. secs. 22 and 27.
 Over river bottom.
 20.00 Enter scattering timber.
 26.60 ~~The~~ Left bank of Little Colorado River brs. N. 25° E. and
 S. 25° W., course of river, NE. At point of intersection,
 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the
 ground, for meander cor. of fracl. secs. 22 and 27,
 mkd. on brass cap



from which,
 A cottonwood, 6 ins. diam., brs. N. 69 1/2° W.,
 135 lks. dist., mkd. T27 N E 10 E S 22 M C B T.
 A cottonwood, 6 ins. diam., brs. S. 74° W.,
 125 lks. dist., mkd. T27 N R 10 E S 22 M C B T.
 Also dig a pit, 36 X 36 X 12 ins., 8 ft. W. of post, and
 raise a mound of earth, 4 ft. base, 2 ft. high, W. of
 cor.
 Land, river bottom.
 Soil, sandy, 4th rate.
 Timber, scattering cottonwood.

From the cor. of ~~sec. 21, and fracl. secs. 22, 27, and 28,~~
 N. 0° 2' E. bet. ~~sec. 21, and fracl. sec. 22.~~
 Over river bottom.
 11.50 Leave river bottom brs. E. and W. Asc. broken S. slope.
 12.00 Asc. cliff, 50 ft. high.
 12.50 Top of ascent. Asc. gradual slope to
 17.80 Spur slopes SE. Desc. gradual slope.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for 1/4 sec. cor., mkd. on brass cap

14 1/2 Subdivision of portion of T. 27 N. R. 10 E.

Chains

$\frac{1}{4}$
 S21 | S22
 1916

- dig pits, 18 X 18 X 12 ins., N. and S. of post, 3 ft. dist.; and raise a mound of earth, $3\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- 45.00 Desc. gradual N. slope.
- 60.00 Wash, course NE., thence along E. slope over large sandstone boulders and small cliffs.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in a mound of stone, for cor. of secs. 16 and 21, and frac. secs. 15 and 22, marked on brass cap,

T27 N R10 E
 S16 | S15
 S21 | S22
 1916

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
 Land, rolling & mountainous.
 Soil, rocky, 4th rate.
 No timber.

- 40.00 West on a random line bet. secs. 16 and 21.
- Set temp. $\frac{1}{4}$ sec. cor.
- 79.98 Intersect N. and S. line, 4 lks. S. of cor. of secs. 16, 17, 20 and 21.
- Thence
- S. $89^{\circ} 58'$ E. on a true line bet. secs. 16 and 21.
- Over rolling land.
- 10.00 Wash, course S.
- 39.99 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

$\frac{1}{4}$ S 16
 $\frac{1}{4}$ S 21
 1916

- and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 45.00 Wash, course S.
- 53.90 Desc. SE. slope.
- 55.50 Canyon, course NE. Asc. NE. slope to
- 57.20 Spur slopes S. Desc. NE. slope to
- 63.00 Wash, course SE.
- 67.00 Wash, course NE.
- 69.50 Wash, course N.
- 79.98 The cor. of secs. 16 and 21, and frac. secs. 15 and 22.
- Land, rolling.
- Soil, rocky, 4th rate.
- No timber.

- East on a true line bet. frac. secs. 15 and 22.
- Over rolling land.
- 1.90 Wash, 30 lks. wide, course NE.
- 28.00 Leave rough rolling country and enter river bottom, brs. N. and S.
- 32.60 Road brs. NW. and SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap, mk

$\frac{1}{4}$ S 15
 $\frac{1}{4}$ S 22
 1916

Subdivision of portion of T. 27 N. R. 10 E. 15

Chains

53.78 dig pits, 18 X 18 X 12 ins., E. and W. of post, 3 ft. dist.; and raise a mound of earth, 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.
 Left bank of Little Colorado River brs. NW. and SE., course of river, NW, At point of intersection, Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for meander cor. of fracl. secs. 15 and 22, mkd. on brass cap.

T27N
 S15
 S22 MC
 R10E
 1916

from which,
 A cottonwood, 14 ins. diam., brs. S. 29 1/2° W. 152 lks. dist., mkd. T 27 N R 10 E S 22 M C B T.
 No other trees within limits.
 Dig a pit, 36 X 36 X 12 ins., 8 ft. W. of post, and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.
 Land, rolling.
 Soil, sandy and rocky, 4th rate.
 Timber, scattering cottonwood on S. side of line.

5.00 From the cor. of secs. 16, 21, and fracl. secs. 15 and 22, N. 0° 2' E. bet. sec. 16, and fracl. sec. 15.
 40.00 Over rolling land, covered with large sandstone boulders. Along broken E. slope. Wash, 50 lks. wide, course E.
 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

S16 | S15
 1916

70.00 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
 Foot of cliff 30 ft. high, brs. N. and S., thence along base of cliff.
 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of sec. 16, and fracl. secs. 9, 10, and 15, marked on brass cap.

T27N R10E
 S 9 | S10
 S16 | S15
 1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
 Land, rolling.
 Soil, rocky, 4th rate.
 No timber.

40.00 West on a random line bet. sec. 16, and fracl. sec. 9.
 80.02 Set temp. 1/4 sec. cor.
 Intersect the cor. of sections 8, 9, 16 and 17.

Thence
 East on a true line bet. sec. 16, and fracl. sec. 9.
 Over rolling land.
 40.01 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

1/4 S 9
 S 16
 1916

Subdivision of portion of T. 27 N. R. 10 E.

Chains

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

44.00 Wash, course NE.

50.00 Wash, course SE.

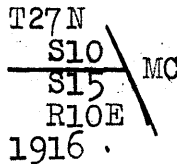
56.00 Wash, course NE.

80.02 The cor. of sec. 16, and fracl. secs. 9, 10 and 15.

Land, rolling.
Soil, rocky clay, 4th rate.
No timber.

East on a true line bet. fracl. secs. 10 and 15.
Over rolling land.

4.95 The left bank of Little Colorado River, brs. NW. and SE., course of river, NW. At point of intersection, Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for meander cor. of fracl. secs. 10 and 15, mkd. on brass cap



dig a pit, 36 X 36 X 12 ins., 8 ft. W. of post, and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.

Land, rolling.
Soil, sandy, 4th rate.
No timber.

From the cor. of sec. 16, and fracl. secs. 9, 10 and 15, N. 0° 2' E. bet. fracl. secs. 9 and 10.
Over river bottom land.

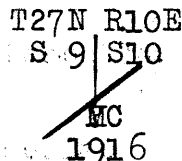
6.60 The left bank of Little Colorado River, brs. NW. and SE., course of river, NW. At point of intersection, Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for meander cor. of fracl. secs. 9 and 10, mkd. on brass cap



dig a pit, 36 X 36 X 12 ins., S. of post, 8 ft. dist. and raise a mound of earth, 4 ft. base, 2 ft. high, S. of cor.

As river is dry at present, continue line and measurement on across bed of river.

23.90 The left bank of Little Colorado River brs. NE. and SW., course of river, NE. At point of intersection, Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for meander cor. of fracl. secs. 9 and 10, mkd. on brass cap



and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.

24.50 Asc. cliff 50 ft. high.

25.00 Top of cliff. Thence over rolling broken E. slope.

Subdivision of portion of T. 27 N. R. 10 E. 17

Chains
40.00 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

1/4
S 9 1/4 S 10
1916

80.00 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for cor. of sec. 4, and frac. secs. 3, 9 and 10, marked on brass cap.

T27N R10E
S 4 | S 3
S 9 | S 10
1916

and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.
Land, rolling.
Soil, rocky and sandy, 4th rate.
No timber.

40.00 West on a random line bet. sec. 4, and frac. sec. 9.
79.96 Set temp. 1/4 sec. cor.
Intersect N. and S. line, 7 lks. N. of cor. of secs. 4, 5, and 8, and frac. sec. 9.

Thence
N. 89° 57' E. on a true line bet. sec. 4 and frac. sec. 9.
Over rolling land.

37.00 Road brs. SE. and NW. 1/4.
15.00 Wash, course NE.

39.98 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the ground, for 1/4 sec. cor., mkd. on brass cap

1/4 S 4
S 9
1916

79.96 and raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.
The cor. of sec. 4, and frac. secs. 3, 9 and 10.
Land, rolling.
Soil, rocky clay, 4th rate.
No timber.

4.80 East on a true line bet. frac. secs. 3 and 10.
Over rolling land.
Left bank of Little Colorado River, brs. N. and S., course of river, N. At point of intersection,
Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for meander cor. of frac. secs. 3 and 10, mkd. on brass cap

T27N |
S 3 |
S 10 | MC
R10E |
1916

dig a pit, 36 X 36 X 12 ins., 8 ft. W. of cor., and raise a mound of earth, 4 ft. base, 2 ft. high, W. of cor.
Land, rolling.
Soil, gravelly, 4th rate. No timber.

18 16

Subdivision of portion of T. 27 N., R. 10 E.

Chains

40.00 N. 0° 2' E. on a random line bet. sec. 4, and frac. sec. 3.
 Set temp. $\frac{1}{4}$ sec. cor.

80.36 Intersect N. bdy. of Tp., 14 lks. W. of cor. of secs. 4
 and 33, and frac. secs. 3 and 34.

Thence
 S. 0° 8' W. on a true line bet. sec. 4, and frac. sec. 3.
 Over rolling land.

40.36 Set an iron post, 3 ft. long, 1 in. diam., 26 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., mkd. on brass cap

S 4 $\frac{1}{4}$ S 3
 1916

and raise a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high,
 W. of cor.

49.35 Wash, course NE.
 52.30 Wash, course NE.
 62.35 Road brs. SE. and NW.
 80.36 The cor. of sec. 4, and frac. secs. 3, 9, and 10.
 Land, rolling.
 Soil, rocky clay, 4th rate.
 No timber.

Not required
by Washington office?

Thence with meanders in fract sec 33 ~~and 34~~.

Over rolling land.

BOOK 3275

N. 9° W., 13.90 chs. Along sandy bank 6 ft. high.

N. 45 1/4° E. 22.70 chs.

N. 73 3/4° E. 7.04 chs. Thru scattering timber to theoretical point for meander cor. of fract sec 33 and 34 (80.00 chs. Easting from W. bdy. of sec. 33 and 31.51 chs. Northing from S. bdy. of Tp.)

No meander cor. set at this point (Surveyor General's note)

Land rolling.

Soil, sandy, 4th rate.

Timber scattering cottonwood.

Thence in fract sec. 34.

Over rolling land, along bank 6 ft. high, thru scattering timber

N. 73 3/4° E. 0.86 chs.

N. 27 1/2° E. 5.80 chs.

N. 41° W. 5.34 chs. to theoretical point for meander cor. of fract sec 33 + 34 (80.00 chs. Easting from W. bdy. of sec. 33 and 41.14 chs. Northing from S. bdy. of Tp.)

No meander cor. set at this point (Surveyor General's note)

Land rolling.

Soil, sandy 4th rate.

Timber, scattering cottonwood.

Thence in fract sec 33
Over rolling land, along bank 6 ft. high, thru scattering timber

N. 41° W., 0.96 chs. and leave timber.

N. 61° W. 11.40 chs.

(over)

222
19A

N. $26\frac{3}{4}$ ° W. 12.10 chs.

N. $1\frac{3}{4}$ ° E. 14.50 chs.

N. $34\frac{3}{4}$ ° W. 9.40 chs. to the meander cr. of fract. sec. 28+33

Land, rolling.

Soil, sandy, 4th rate.

Timber, scattering cottonwood where noted.

BOOK 3275

Meanders in T. 27 N., R. 10 E.

179 B

Meanders of Left Bank of Little Colorado River, Down Stream

From the meander cor. of fracl. secs. 4 and 33, on S. bdy. of
Tp., described in book "C".

Thence with meanders in fracl. sec. 33.

Over rolling land.

N. 9° W.	13.90 chs.	Along sandy bank 6 ft. high.
N. 45 $\frac{1}{4}$ ° E.	22.70 "	
N. 73 $\frac{1}{2}$ ° E.	7.90 "	Through scattering timber.
N. 27 $\frac{1}{2}$ ° E.	5.80 "	
N. 41° W.	6.30 "	Leave timber.
N. 61° W.	11.40 "	
N. 26 $\frac{1}{4}$ ° W.	12.10 "	
N. 1 $\frac{3}{4}$ ° E.	14.50 "	
N. 34 $\frac{3}{4}$ ° W.	9.40 "	To the meander cor. of fracl. secs. 28 and 33.

Land, rolling along river.

Soil, sandy, 4th rate.

Timber, scattering cottonwood.

Thence in fracl. sec. 28.

Over rolling land.

N. 43 $\frac{1}{4}$ ° W.	21.60 chs.	Along sandy bank 6 ft. high.
N. 1 $\frac{1}{2}$ ° W.	4.90 "	
N. 30° W.	11.00 "	Along rocky bank.
N. 6° E.	18.40 "	
N. 39 $\frac{1}{4}$ ° E.	4.20 "	
N. 36° E.	4.70 "	
N. 64 $\frac{1}{4}$ ° E.	5.00 "	
N. 51 $\frac{1}{4}$ ° E.	9.80 "	
N. 57° E.	10.50 "	Along sandy bank 6 ft. high.
S. 48° E.	8.30 "	Through scattering timber.
S. 70 $\frac{1}{2}$ ° E.	7.70 "	To the meander cor. of fracl. secs. 27 and 28.

Land, rolling.

Soil, sandy and rocky, 4th rate.

Timber, scattering cottonwood.

Thence in fracl. sec. 27.

Over rolling land, through scattering timber.

S. 68 $\frac{1}{2}$ ° E.	9.80 chs.	Along sandy bank, 3 ft. high.
N. 45° E.	18.10 "	
N. 27 $\frac{1}{4}$ ° E.	10.30 "	To the meander cor. of fracl. secs. 22 and 27.

Land, rolling.

Soil, sandy, 4th rate.

Timber, scattering cottonwood.

Thence in fracl. sec. 22.

Over rolling land.

N. 22 $\frac{1}{4}$ ° E.	17.60 chs.	Along sandy bank, 2 $\frac{1}{2}$ ft. high.
N. 54° E.	14.00 "	
N. 42 $\frac{1}{4}$ ° E.	8.60 "	At 8.30 chs. pass through hole in rocky point, 20 ft. high. Along base of cliff 40 ft. high.
N. 41 $\frac{1}{4}$ ° E.	10.80 "	Along sandy bank, 3 ft. high.
N. 32° E.	10.00 "	Through scattering timber.
N. 3 $\frac{3}{4}$ ° E.	13.40 "	
N. 12° W.	6.10 "	
N. 26 $\frac{1}{4}$ ° W.	10.40 "	
N. 44 $\frac{1}{2}$ ° W.	5.80 "	At 4 chs. leave timber, brs. E. and W.

To the meander cor. of fracl. secs.
15 and 22.

Land, rolling and level.
Soil, sandy and rocky, 4th rate.
Timber, cottonwood.

Thence in ~~fracl.~~secs. 15.

Over rolling land.

N. $51\frac{1}{2}^\circ$ W. 25.20 chs. Along sandy bank, 2 ft. high.

N. $6\frac{3}{4}^\circ$ W. 31.60 "

N. $3\frac{1}{4}^\circ$ W. 9.30 "

N. $25\frac{1}{4}^\circ$ W. 19.50 "

N. 67° W. 3.20 "

N. $75\frac{1}{4}^\circ$ W. 9.90 "

N. $56\frac{1}{4}^\circ$ W. 4.70 "

To the meander cor. of fracl. secs. 10 and 15.

Land, rolling; level along river bank.

Soil, sandy 4th rate.

Timber, none.

Thence in ~~fracl.~~sec. 10.

Over rolling land.

N. $36\frac{3}{4}^\circ$ W. 8.25 chs. Along sandy bank, .4 ft. high.

To the meander cor. of fracl. secs. 9 and 10.

Land, rolling, and level.

Soil, sandy, 4th rate.

No timber.

Thence in ~~fracl.~~sec. 19.

Over rolling land, along sandy bank.

N. 19° W. 4.10 chs. Bank 8 ft. high; at 1 ch. wash, course E.

N. $5\frac{1}{2}^\circ$ E. 13.60 "

To the meander cor. of fracl. secs. 9 and 10.

Land, rolling.

Soil, sandy, 4th rate.

No timber.

Thence in ~~fracl.~~sec. 10.

Over rolling land, along base of cliff.

N. $36\frac{1}{4}^\circ$ E. 2.40 chs. Along base of cliff 40 ft. high.

N. $10\frac{1}{2}^\circ$ E. 9.00 "

N. $4\frac{1}{2}^\circ$ W. 8.30 "

Along sandy bank, 4 ft. high.

N. $9\frac{1}{2}^\circ$ E. 22.20 "

N. 6° E. 7.70 "

N. $15\frac{1}{2}^\circ$ W. 7.80 "

To the meander cor. of fracl. secs. 3 and 10.

Land, rolling.

Soil, rocky and sandy, 4th rate.

No timber.

Thence in ~~fracl.~~sec. 30.

Over rolling land.

N. $13\frac{1}{4}^\circ$ E. 15.20 chs. Along sandy bank, .4 ft. high.

N. 14° E. 7.00 "

N. $9\frac{1}{4}^\circ$ W. 4.40 "

N. $38\frac{1}{4}^\circ$ E. 6.80 "

Meanders in T. 27 N., R. 10 E.

N. $\frac{3}{4}^\circ$ E. 6.80 chs.
 N. $11\frac{3}{4}^\circ$ W. 14.20 " At 6 chs. wash, course NE.
 N. $5\frac{1}{8}^\circ$ E. 10.80 " Through scattering timber.
 N. $2\frac{1}{2}^\circ$ E. 17.80 " To the meander cor. of fractl. secs.
 3 and 34, on N. bdy. of Tp., de-
 scribed in book "0".

Land, rolling.
 Soil, sandy, 4th rate.
 Timber, scattering cottonwood.

GENERAL DESCRIPTION

The portion of this township subdivided, consists of rough mountainous land in the SW. part, and this high rolling mountainous point is locally known as Black Point. The NW. portion is comparatively level.

Along the river the land is broken by nenerous small canyons.

The soil is very rocky and sandy and unproductive, scarcely any vegetation of any kind being found.

There are a few scattering cottonwood trees growing in some places along the river.

There is no water in the township as the river is dry at this time.

There are no settlers, or improvements. No evidence of valuable mineral deposits exists.

The portion of the Tp. E. of the river lies within the Navajo Indian Reservation, and is not subdivided at the present time.

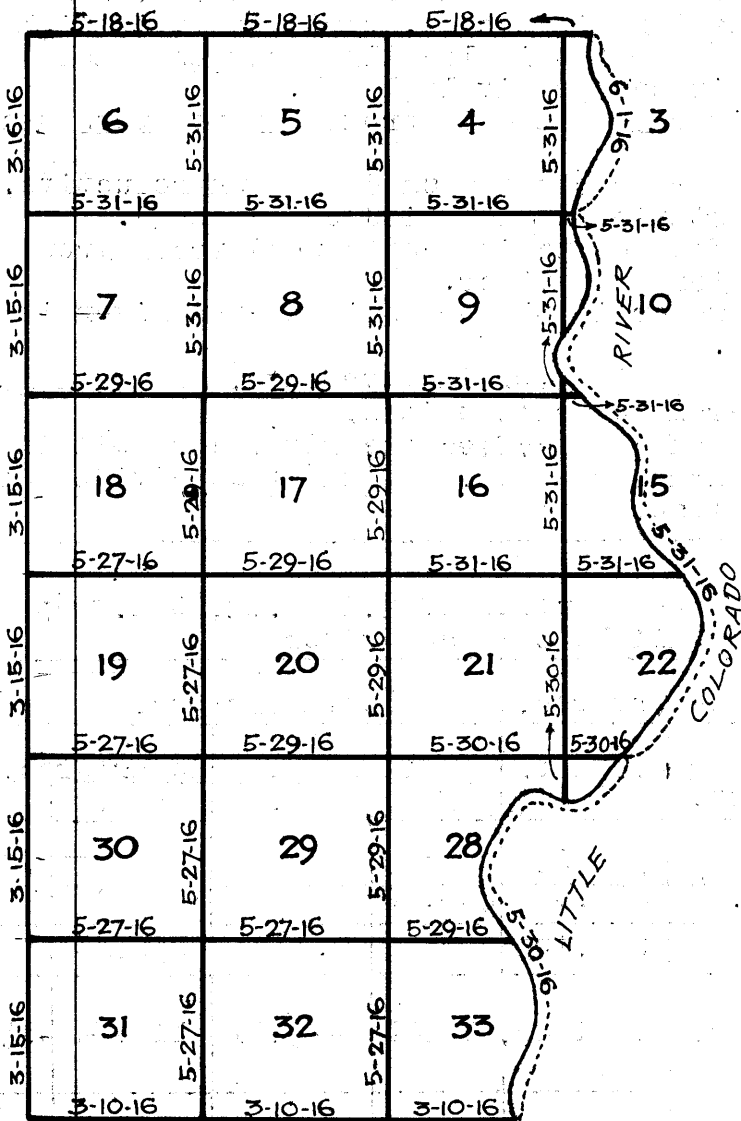
Boundaries of that portion of T. 27 N., R. 10 E. West of the Little Colorado river.

Latitudes, Departures, and Closing Errors.

Line designated.	True course.	Dist.	Latitudes.		Departures.	
			N.	S.	E.	W.
South boundary.	West,	219.40				219.40
West boundary.	North,	480.00	480.00			
North boundary.	East,	252.40			252.40	
Meanders left bank Little Colo. River,	Various,	Various	11.71	493.11	118.73	152.81
Convergency,					.22	
	Totals.		491.71	493.11	371.35	372.21
				491.71		371.35
	Error in latitude,			1.40		
	Error in departure,					0.86

T. 27 N., R. 10 E.

Date Diagram.



NAVAJO INDIAN RESERVATION

Lines run by Surveyor Johnston on dates shown above.

" " " Transitman Tech " " " "

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BOOK 3275

TRANSITMAN.
CERTIFICATE OF UNITED STATES SURVEYOR.

JAN 27 1918

I, Philip L. Inch, U.S. Transitman, U.S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Group 66, Arizona, bearing date of the 4th day of January, 1916, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the

Subdivision lines of

TOWNSHIP 27 NORTH, RANGE 10 EAST,

of the Gila and Salt

River Base & Meridian, in the State of Arizona, which are represented in and by diagram on page 22 hereof the foregoing field notes, as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Group 66, Arizona, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Philip L. Inch
U. S. Surveyor.

U.S. Transitman.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

....., 191

The foregoing field notes of the survey of

executed by

under his special instructions dated, 191 , having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

.....
U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the above-described surveys in, has been correctly copied from the original notes on file in this office.

.....
U. S. Surveyor General.

BOOK 3275

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Theodore O. Johnston, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Group 66, Arizona, bearing date of the 4th day of January, 1916, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the
Subdivision lines, and
Meanders of the left bank of the Little Colorado River within
TOWNSHIP 27 NORTH, RANGE 10 EAST,
of the Gila and Salt
River Base & Meridian, in the State of Arizona, which are represented in and by diagram on page 22 hereof the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Group 66, Arizona and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Theodore O. Johnston
 U. S. Surveyor.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Phoenix, Ariz. FEB. 8 1918.

The foregoing field notes of the survey of the Subdivision lines, and of the
Meanders of the left bank of the Little Colorado River within
TOWNSHIP 27 NORTH, RANGE 10 EAST,
of the Gila and Salt River Base and Meridian, in the State of Arizona,
executed by Theodore O. Johnston, U.S.S. and Philip L. Inch, U.S.T.
under his special instructions dated Jan. 4, 1916, for Gp. 66, Ariz., having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Frank O. Smith
 U. S. Surveyor General.

~~I certify that the foregoing transcript of the field notes of the above described surveys in~~
~~has been correctly copied from the original notes on file in this office.~~