

No. 955

BOOK 955

Subdivisions

T. 19 S. R. 29 E.

Rockfellow

955

4-671

FIELD NOTES

GENERAL LAND OFFICE.

No. 955

BOOK 955/

Field Notes
of the survey of the
Subdivision lines
of
Township No 19 South
Range No 29 East
of the
Gila and Salt River Base
and Meridian,
in the Territory of Ariz.
as surveyed by
Geo. A. Rockfellow.
U. S. Deputy Surveyor.
Under his contract No 54
Dated June 19 1899

Dec 3/99
Survey commenced Dec 13/99
Survey completed Dec 23/99
Dec 3

Preliminary Oaths of Assistants.

BOOK 955

We M. H. O'Connor
and Martin Walsh

do solemnly swear that we will well and faithfully execute
the duties of Chain Carriers; that we will level the chain over
even and uneven ground, and plumb the tally pins, either by
sticking or dropping the same; that we will report the true dis-
tance to all notable objects, and the true length of all lines that
we assist in measuring, to the best of our skill and ability and
in accordance with instructions given us in the survey of the

Subdivisions of
Tp. 19 South
Range 9 East

of the principal base and meridian in the Territory of Arizona.

M. H. O'Connor Chainman.

Martin Walsh Chainman.

Subscribed and sworn before me, this 21

day of August 1899

John A. Rockfellow
Notary Public.

My commission expires

We *R. H. Fowler*

C. Brady, F. W. Hugen

do solemnly swear that we will well and truly perform the
the duties of *Miners*

Flagman & Axeman

in the establishment of corners and other duties according to
instructions given us, and to the best of our skill and ability,

in the survey of the *Subdivisions*

Range 19 South
Range 29 East

of the principal base and meridian in the Territory of Arizona.

R. H. Fowler
C. Brady
F. W. Hugen

Subscribed and sworn to before me this *21st*

day of *August* 18*99*

John A. [Signature]
Notary Public.

10 1903

BOOK 955

(4-674.)

Township 19 @ R. 29 E

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

Handwritten annotations in the table:

- 18 is crossed out with a red slash.
- 14 has a handwritten '14' written below it.
- 22 is written twice in the same cell.
- 24 has a handwritten '11' written below it.
- 26 has a handwritten '9' written below it.
- 27 has a handwritten '26' written below it.
- 30 has a handwritten '31' written below it.
- 33 has a handwritten '35' written below it.
- 35 has a handwritten '17' written below it.
- 6 has a handwritten '8' written below it.

Subdivision of T. 19 S

Survey commenced
Dec 13 1899 and ex-
ecuted with a Young
& Sons light mountain
transit No. 6853- with
Smiths solar attachment
The horizontal limb
is provided with two
double verniers placed
opposite to each other
and reading to single
minutes of arc which
is also the least count
of the verniers of the
latitude + declination
arcs.

The instrument was
examined, tested on
the true meridian
at Tucson a. T. June 13

R. 29 E G. & D. R. Mer. 5-

1899, found correct and was approved by the Surveyor General, further I examined and tested the instrument this morning at 8 A. M. t. t. on the meridian established by me by Polaris & Solar observations on Aug. 20, 1899 at ^{Camp Rucker near} cor to Townships No. 19 & 20 S. Ranges No 29 & 30 East, as heretofore described, and found the same to be correct. Since I found the course of South Bdy. of sec 36 ^{+ the being subdivided} is N. 89° 03' W. the distance from cor to secs 35 & 36 on South Bdy to cor to

6

BOOK '955

Subdivision of Tpk 19.

chs

secs 25, 26, 35 & 36 should
 be 79.08 chs, therefore
 From cor to secs 35 + 36
 on D. Bdy I run
 $\frac{1}{4}$ 1' W between secs 35 +
 36 over mountainous land
 Ascend steep slope

3.65-

Main divide bcs E + W
 Descend steep wooded slope

39.08

Get a sandstone $16 \times 12 \times 6$ ins
 11 ins in ground for $\frac{1}{4}$ sec
 cor marked $\frac{1}{4}$ on W face.
 Build mound of stone $2\frac{1}{2}$ ft
 base $1\frac{1}{2}$ ft high W of cor.
 A pine 8 ins in diameter
 bcs N. 48° E, 25 lks dist.
 marked $\frac{1}{4}$ @ 36 B. Y.
 A Juniper 10 ins in diam
 bcs N. 60° W, 30 lks dist
 marked $\frac{1}{4}$ @ 35 B. Y.

D. R. 29 E. continued.

- chs
 42.85 Cotton wood creek 80 lks
 wide course N. W.
- 63.00 Granite reef brs E + W.
 Descend.
- 73.50 Wash 13 lks wide course N. W.
- 79.04 " 20 " " " W
- 79.08 Point for cor to secs 25, 26
 35 & 36 falls in a wash.
 6 lks ^{7/8} ^{00 1/4} of point for true
 cor, I set a sandstone
 14 x 14 x 7 ins 10 ins in ground
 for witness cor to secs
 25, 26 35 & 36, marked with
 1 notch on N. + 1 on E edges
 & W. & S. on N. face.
~~From which~~
 A Juniper 10 ins in diam
 brs. N. 86° W 27 lks dist.
 Marked 7.19. D. R. 29 E @ 26 B. T.
 A white oak 14 ins in diam.
 brs N. 12° W 20 lks dist.

8 Subdivision 4th 19th C.

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chs

marked 4.19 C.R. 29 E.

O. 26 B. 7. W. C.

Soil 2nd + 3rd rate

Land mountainous 79.08 chs.

Dec 13

O. $89^{\circ} 43' E$ on a random line bet sec 25 + 36, ^{ran} $12^{\circ} 23'$

40.00 Out temp $1/4$ sec. cor.

80.48 Intersect E. Bdy of $1/2$ 1st $1/4$ of cor to sec 25, 30, 31 + 36, which is a granite rock $16 \times 12 \times 8$ ins 5 ins above ground marked with 1 notch on O. + 5 on N. edges, and 4 stones

Thence I run

N. $89^{\circ} 43' W$ on true line bet sec 25 + 36 along O. slope of mt.

40.24 Out a limestone $12 \times 7 \times 7$ ins

R 29 E.

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Chs
8 ins in ground for
1/4 sec cor, marked 1/4 on
N. face, build md of stone.
2 ft base 1 1/2 ft high
N. of cor.

80.48 Cor to secs 25, 26, 35 + 36.
Soil 2^d + 3^d rate
Land mountainous 80.48 chs.

N. 1' W bet secs 25 + 26.
Var. 12° - 25' E.

Over broken ground.

35.50 wire fence of Theo Kampfer's
~~pasture~~ pasture bet W 46th W. @ 46° E.

40.00 Set a cement rock 18 x 12 x
5 ins, 12 ins in ground
for 1/4 sec. cor. marked
1/4 on W face, dig pits
18 x 18 x 12 ins N. + @. 3 ft dist
Build md of stones + earth

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- cls 3 ft - base $1\frac{1}{2}$ ft high
W. of cor.
- 57.10 Wire fence Y. Kamps
(~~pasture~~) pasture brs N.W. + S.E.
- 76.65 H. Kunsaker's barbed wire
fence brs E + W
- 76.90 Enter Whitewater Wash
course W.
- 80.00 - Cor to secs 23, 24, 25 + 26
falls in Whitewater wash.
- 80.50 Leave wash.
- 80.65 Set granite rock $16 \times 8 \times 5$ -
ins 11 ins in ground for
W.C. to secs 23, 24, 25 + 26
marked. 2 notches on S. +
1 on E edges, W.C. on S
face. Build mid of
stone 2 ft - base $1\frac{1}{2}$ ft - high
W. of cor.
A Juniper stump 18 ins

R 29 E.

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continued. 

chs

in diam on line frs
O from W. C. 2 1/2 k's, mark-
ed T. 19 O. R. 29 E B. T. W. C.
And on E. @ 24 + W. @ 23.
Solid 1st + 2nd rate.

Mountainous land rocks
Dec 14, 1899

From true cor point to
secs 23, 24, 25 + 26 I run.
@ $89^{\circ} 43' E$ on random
line bet secs 24 + 25.

40.00 Out temp 1/4 sec. cor.

80.41 Intersect E Bdy of Tp 5 k's
N. of cor point to sec 19, 24,
25 + 30. which is witnessed
by a sandstone 12 x 8 in
5 in above ground,
marked W. C. on N. face,
2 notches on @ + 4 on W. edges,
with ind. of stones.

12 Subdivision 9, 19 @

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- chc
 Thence I run,
 U. $89^{\circ}41'W$, on a true
 line bet secs 24 + 25,
 over mountainous land.
 Ascend brushy hill.
- 19.50 Divide bet N. W. & O. E.
 Along O. of hill.
- 40.20 1/2 Cut a sandstone $14 \times 10 \times 8$ in
 10 in in ground for 1/4 sec
 cor. marked 1/4 on N. face,
 build mid of stones 2 ft-
 base 1 1/2 ft high N. of cor.
- 56.00 Kuncaker house bet N.
 about 8 chc.
- 57.77 Kuncaker fence bet W. O. W. & N. E.
- 68.00 Enter Whitewater wash course
 W. O. W.
- 80.41 Cor point to secs 23, 24, 25
 + 26 in wash marked by
 W. C. corner ^{65 ch. N. of} ₇ ^{cut}

R. 29 E.

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Continued

Chs

Oil 1st + 2nd rate.

Land mountainous 80.4/Chs.

U. 0° 1' W. bet secs 23 & 24.

Over mountainous land
and dense oak pine brush
Leave wash course W.

.50

.65

W. C. cor.

.80

Kunsaker division fence
of barbed wire & brush
hrs E + W.

8.91

Kunsaker wire fence hrs E + W.

9.05

White-water road hrs E + W.

21.00

~~gunnison wash, 175 lbs. med.~~
Set cement rock 18" x 18" x 18"

40.00

12 ins in ground for 1/4 sec
cor. marked 1/4 on W. face
build mid of stone 2 ft base
1 1/2 ft high to of cor.

A pine 10 ins in diameter
U. 30° W. 5-7 lks dist mark-
ed 1/4 P. 23 B. I.

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Subdivision 9.19 @.

cls
80.00

Set a cement rock $18 \times 12 \times 8$
ins 12 ins in ground for
cor to sec 13, 14, 23 + 24.
marked 3 notches on \odot
1 on E edges. build md
of stones $2\frac{1}{2}$ ft - base $1\frac{1}{2}$ ft
high W. of cor.

A white oak tree N. 46° E. 19
lks dist marked 9.19 @.
R. 29 E. @ 13 B. T.

A white oak 8 ins in diam
tree \odot . 41° W. 36 lks dist, mark-
ed 9.19 @. R. 29 E. @ 23 B. T.
Soil 2nd rate

Mountainous land and
dense brush 80 chs
Sec 15

\odot . $89^\circ 41'$ E on a random
line bet-sec 13 + 24.

40.00

Set temp 14 sec cor.

80.48

Intersect-E bdy of 9p.

R. 29 E. continued.

dis	<p>7 lks @. of cor of secs 13, 18, 19 + 24 which is a sandstone 8x7 ins, 5 ins above ground marked with 3 notches on @ + 3 on N. edges. end of stone. thence S. 1/2 N. N. 89°-44' W. on true line bet. secs 13 and 24, over mountainous land. Descend hill.</p>
14.00	Gulch 40 lks wide course @.
20.75	" " " " @. W.
40.24	<p>Out a sandstone rock 14x6x6 lins 9 ins in ground for 1/4 sec cor, marked 1/4 on N. face. build end of stone 2 ft base 1 1/2 ft high N. of cor. A juniper 12 ins in diam. brst N. 18° W. 78 lks dist, mark</p>

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Subdivision T. 19 S.

- chs
 ed 1/4 S. 13, 13, T.
 A whit oak 13 ins in diam
 bro @ 51° E. 22 lks dist.
 marked 1/4 S. 24 B. T.
- 49.00 Gulch 30 lks wide course S.W.
- 63.00 Enter Muroc gulch 130 lks
 wide course S.W.
- 68.50 Dycamore wash 25 lks
 wide course S.
- 80.48 Cor of secs 13, 14, 23, + 24.
 Soil 2nd rate.
 Land mountainous 80.48 chs

 note:

The lands North + West
 of this point are very
 high + precipitous moun-
 tainous + in-
 practicable to survey.

R. 29 E.

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continued

chs	As the land N. of secs 34 + 35 on O Bdy is impracticable to survey on account of precipitous mts, I begin at cor to secs. 25, 26, 35 + 36, recently established by me, run N. $89^{\circ} 43' W$ on true line bet sec 26 + 35 - over mt to land
3.10	Wash 25 lks wide course N.W.
8.50	Ridge bet O. E. + N.W.
22.20	Road Rucker to San Dimas Valley bet N. + O.
27.50	Rucker wash 75 lks wide course N.W.
40.00	Set sandstone rock $6 \times 10 \times 5$ ins // in ground for $\frac{1}{4}$ sec cor marked $\frac{1}{4}$ on N. face build mid of stones 2 ft base $1\frac{1}{2}$ ft

18 Subdivision 9. 19 C.

cho

high N. of cor.

A black oak 6 in in diam
bse N. $89^{\circ} E$ 19 lks dist
marked $\frac{1}{4}$ @ 26 T. 7.

80.00

~~no sign of tree~~
 Set porphyry rock 18×10
 $\times 5$ in $\frac{1}{2}$ in in ground
 for cor to sec 26, 27, 34
 & 35 marked with 1 notch
 on @ & 2 on E edge &
 raise mid. of stone 2 ft base
 $1\frac{1}{2}$ ft high W. of cor.

Rts impracticable.

A dead Juniper 9 in in
diam bse N. $46^{\circ} 30' E$ 41
lks dist marked 7. 19 C.

R 29 E @ 26 T. 7.

No other trees in limit
Oil 2nd rate

Land mountainous 80 cho

Dec 16 1899.

R. 29 E.

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19

continued

- Chs
U. 1' W bet sec 26 + 27
Over mountainous land.
Descend over rough broken
ground.
- 40.00 Set Cement rock 18 X 12 X 5 in
8 in in ground for $\frac{1}{4}$ sec
cor marked $\frac{1}{4}$ on to face
& raise mid of slope
2 ft base $\frac{1}{2}$ ft high W
of cor.
A black oak 12 in in diam
frs @ 64° W 80 lks dist mark
ed $\frac{1}{4}$ @ 27 B. T.
- A Black Oak 10 in in
diam frs @ 65° E 56 lks
dist marked $\frac{1}{4}$ @ 26 B. T.
- 64.00 Haines house frs @ about
15 chs dist.
- 67.38 Road to Pan Punon
frs @ E + U. W.

2d Subdivision T. 19 S.

- 77.10 Enter White water wash
 78.90 Ascend bank of island
 80.00 Set Cement Rock 24x10x
 8 ins 18 ins in ground
 for cor to recs 22, 23, 26 & 27
 marked with 2 notches on
 top & 2 on E. edges raise
 mid of stone 2 ft base
 1 1/2 ft high W. of cor.
 Pits impracticable
 A Juniper 2 ins in
 diam brs N. 42° E. 17 lks
 dist. marked T. 19 S. R.
 29 E. S. 23 B. T.
 A sycamore 18 ins in
 diam brs @ 8° 25' E. 65-
 lks dist marked
 T. 19 S. R. 29 E. S. 26 B. T.
 A Juniper 14 ins in diam
 brs @ 65° 10' W. 32 lks dist.

R. 29 E

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continued

chs

marked 7.19 @ R. 29 E. @ 27 B. Y.
no other in limits
Soil 1st + 2nd rate.

Mountainous land 80 chs.

$\odot 89^{\circ} 43' E$ on random
line bet - Secs 23 + 26.

40.00

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

79.88

Intersect N. + P. line 7/8
N of cor sec 23, 24, 25 + 26.

Thence S run. var $12^{\circ} - 25'$

N. $89^{\circ} 40' W$ on true line
bet sections 23 +
26.

In wash + bottoms of white
water.

57.60

Hunsaker fence bet N. E. + P. W.

8.80

" " " N. W. + P. E.

13.00

Moore wash. 1 ch wide en-
ters white water from the N.

34.00

leave white water wash to the S.

39.94

Found oak logs below.
Cement rock 16 x 8 x 6 in 10 in.

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Subdivision 9.19 D.

chs

in ground for $\frac{1}{4}$ sec
 cor marked $\frac{1}{4}$ on N. face
 build end of stone 2 ft base
 $1\frac{1}{2}$ ft high N. of cor.
 Pits impracticable
 No trees near.

53.00

S. end of sandstone reef
 30 ft high course N. N. W. to
 N. about 1 ch dist.

67.55

Rucker road brs S.E. + N.W.

69.00

Kamph's house brs about
 10 chs dist.

79.88

cont to secs 22, 23, 26 + 27.
 Soil 1st rate.

Lands bottoms covered
 with dense undergrowth
 dense undergrowth 79.88 chs

N. 0° 1' W. bet. secs 22 + 23.
 23. var 12 - 25'

1.55-

Leave island enter wash.

R. 29 E.

23

cls
3.00 Leave White water wash
course to.

3.20 White water road brs E + W.

9.50 Soldiers graves.

40.00 Set cement rock 18X10X3-
ins/2 ins in ground for
1/4 sec cor, marked 1/4
on W. face, build end
of stones 2 ft base 1/2 ft
high W. of cor. Pits
impracticable.

A white oak 11 ins in diam
brs S. 30° E 42 lks dist, mark
ed 1/4 P. 23 B. T.

A Black oak 12 ins in diam
brs S. 40° W. 30 lks dist
marked 1/4 P. 22 B. T.

Approach high mts to
the N. no agricultural
lands, so I discontinue

24

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Subdivision 4190.

chs

the line
Soil 1st + 2nd rate,
mountainous land
40 chs
Dec 18/99

The meridian line bet secs
33 + 34 and secs 27 + 28 being
mountainous + impractica-
ble to survey. From cor to
secs 22, 23, 26 + 27. Iron
U. 89° 43' W. out line bet sec 22 &
27. Through dense brush
Jan 12-25'

14.50

Leave island

Enter wash course W. U. W.

40.00

The point for 1/4 sec cor
falls in White Water Wash

40.50

Leave wash course W. U. W.

42.00

Set cement rock 12 X 10 X 6 in

8 in in ground for witness
cor to 1/4 sec cor marked

1/4 W. C. on W. face, build

R. 29 E.

Obs

mid of stones 2 ft base
 $1\frac{1}{2}$ ft high N. of cor.

Pile impracticable.

A walnut tree 5 ins in diam
 br. @ 20° W. 8 lks dist.

marked $\frac{1}{4}$ P. 27 B. T. N.C.

A sycamore 10 ins in diam
 br N. $76^{\circ} 30'$ E 18 lks dist.

marked $\frac{1}{4}$ P. 22 B. T. N.C.

45.00 Needle deflection W $1^{\circ} 30'$ from
^{observation at cor.}

52.50 Leave flat later wash
 course W.

5-3.00 Needle variation $10^{\circ} 25'$

68.00 Leave Whitewater course W. S. to

74.00 Whitewater road br E + W.

80.00 Set cement rock $18 \times 8 \times 5$ ins
 12 ins in ground for cor
 to sec 21, 22, 27 & 28.

marked 2 notches on S +
 3 on E. edges, build mid of

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BOOK 955

Subdivision 4.19 D.

chas

stones 2 ft-base 1 1/2 ft
high N. of cor.A black oak 8 ins in diam
frs N. 12 lks dist-marked

4.19 D. R 29 E. D. 21 B. 4. out W. face

+ P 22 on E face.

~~no~~ ^{others + nest}
Soil 1st + 2nd ^{ft} rate.

Dense brush 80 che

D. 2'E bet secs 27 & 28 ^{var. 1/2° 40'}

2.48 Whitewater road frs E & W.

8.75 Enter Whitewater wash course W.

12.70 Leave " " " "

13.80 Ascend steep hill over
broken country.40.00 A rock in place 3 1/2 x 2 ft
8 ins high. mark + at ex-
act cor pt for 1/4 sec cor
mark 1/4 on W. face
Build md of stones 2 ft

R. 29 E.

Chs

base $1\frac{1}{2}$ ft high W. of cor
High onto to S imprac-
ticable to continue the
line.

Soil 1st & 3rd rate.

Land mountainous and
dense brush 40 chs

From cor to secs 21, 22, 27
& 28, I run var $11^{\circ}40'$
N. $0^{\circ}2'$ W. bet secs 21 &
22, over mountainous land.

Ascend steep mountain.

12.00

A Juniper tree under
bluff summit at E. end
of ridge.

31.00

Gulch 15 ft wide, courses E.
Ascend slope.

40.00

Cement rock in place
8 ins above ground, make
+ at exact cor point for

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Subdivision T. 19 S.

chs

$\frac{1}{4}$ sec cor, mark $\frac{1}{4}$ P. on
W face, build end of
stones 2 ft base $1\frac{1}{2}$ ft
high W. of cor. Pto
impracticable

~~not run in limits~~
Land to N. mountainous
and impracticable to
survey. & discontinue
line.

Oil 2nd rate.

Mountainous land 40 chs.
Dec 19, 1899

As meridian line bet
secs 32 & 33 and 28 & 29
is mountainous & in-
practicable to survey,
run from cor to secs 21,
22, 27 & 28, var $11^{\circ} 40'$
N. $89^{\circ} 43'$ W on true
line bet secs 21 & 28.

R. 29 E.

- chc Ascend over mountainous land.
- 5.00 Brush fence brs N.W. + S.E.
- 17.60 Summit of ridge course N. + S.
- 21.37 Heyne's barbed wire fence brs N. + S.
- 27.85 Wash in cañon 30 lks wide course S.
- 32.60 Banning spring brs 1 ch N.
- 38.10 Perpendicular cliff 30 ft high brs N. + S.
- 40.00 Cement rock in place 18x12x6 ins above ground mark + at exact cor. pt for 1/4 sec cor. mark 1/4 S on N. face build rnd of stones 2 ft base 1 1/2 ft high N. of cor. Pits impracticable

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Subdivision 9.19. ①.

- ~~48.92~~ Fred Heynes house bears S side
 about 120 chs.
 49.15 Summit of divide brs U. & ①.
 Descend.
 66.12 Running barbed wire fence
 brs U. & ①.
 68.75 Wash 25-lks wide course ①.
 80.50 Set cement rock 14x7x6 ins
 10 ins in ground for cor
 to secs 20, 21, 28 & 29, marked
 2 notches on ① + 4 on E. edges.
 build mid of stones 2 ft
 base 1/2 ft high U. of cor.
^{no} Soil 2nd rate.
 Land mountainous 80 chs.
-
- U. 0'-2' to bet secs 20 & 21
 Ascend over mountain-
 ous land. var 13°-20'
- 30.00 Summit of ridge brs U.E. & S.W.
 38.50 Wash 15-lks wide course U.
 40.00 Set cement rock 14x8x5 ins

R. 29 E.

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Quic in ground for
1/4 sec. cor. marked 1/4 @
on W. face, build
mid of stones 2 ft base
1/2 ft high W. of cor.
~~Top of Trip~~
The impracticable.

Very mountainous to N.
& impracticable to sur.
ver. discontinuous line.
Obil 2nd rate.

Land mountainous & cho

From cor to secs 20, 21, 28 & 29

I run,

D 0°-2' E bet secs 28 +
29. var 13°-20'

Descend slope.

16. 80 Bowie trail brs N. W. + D. E.

17. 15 Gulch 25-lks wide course
D. E.

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Subdivision 9190.

- chs
 18.40 Running barbed wire
 fence brs N. E. + S. W.
 30.65 Enter Whitewater wash
 course W. N. W.
 35.60 Leave Whitewater wash
 course W. N. W.
 37.38 Whitewater road brs E + W.
 40.00 Set cement rock 16X10X8 ins
 11 ins in ground for $\frac{1}{4}$ sec
 cor marked $\frac{1}{4}$ on W. face
 build md of stones 2 ft
 base $1\frac{1}{2}$ ft high to. of cor.
 Pits impracticable.
 A. Black oak bins in
 diam brs S 83° W. 50 lbs
 dist-marked $\frac{1}{4}$ S. 29° E. 7.
~~no other trees in limits~~
 Very rough + impracti-
 cable to survey further S.
 S. discontinue line.
 Soil 2nd rate.

R 29 E

ECC 955 33

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ch 2

Land mountainous, ^{& dense brush} 40 ch

Dec 20. 1899

From cor to secs 20, 21,
28 & 29 I run var 13.20
N. 89° 43' W. bet secs
20 & 29 over onto land.

10.30 Gulch 8 lks wide, course @.

10.65 Trail from Rucker to
old Ft Bowie brs N.W. & D.E.

Ascend

17.43 Keyes fence brs N.W. & D.E.

24.25 Ridge brs N.W. & D.E.

40.00 Cement rock in place
8x5 ft - 3 ft above ground
for 1/4 sec cor, I mark +
at exact cor. point + 1/4 on
N. face. Build md of
stones 2 ft base 1 1/2 ft high
N. of cor.

A white oak 8 in diam

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Subdivision 4.19 D.

- chs
 hrs D. 8 lks dist
 marked $\frac{1}{4}$ @ 29 B. Y.
^{no other trees}
 Ascend steep hill.
- 45.40 Perpendicular cliff 20 ft
 high hrs N. + D.
 Over very rough ground.
- 64.00 Summit of D. end of sharp
 ridge hrs N. W.
 Descend along D. slope
 of ridge
- 64.75 ^{Old house 5.70 15' about 40 chs.}
 80.00 Set cement sock 18x8x6 ins
 2 ins in ground for cor.
 to secs 19, 20, 29 & 30
 mark 2 notches on D. + 5 on
 E. edge, build a monument
 of stones 2 ft base $1\frac{1}{2}$ ft
 high N. of cor. Also un-
 practicable.
 A juniper 14 ins in diam
 hrs N. 26° W 24 lks dist.

R 29 E.

BOOK 955 35

chs

marked 7.19 O. R. 29 E.

Q 19 B. Y.

A black oak bins in diam
hrs O 50° W. 57 lks dist.

marked 7.19 O. R. 29 E. O

30 B. Y.

Soil 3rd rate.

Land mountainous 80 chs.

The land N. of this cor
mountainous & imprac-
ticable to survey. var 12-30°

O 0-03' E bet sec 29 & 30

Over mountainous land.

Descend steep slope

12.00 Enter flat.

14.00 Whitewater road hrs E + W.

19.75 Enter Whitewater wash course to

22.50 Leave " " " "

29.00 Leave flat, ascend hill.

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BOOK 955

Subdivision 4, 190.

chs

40.00

Oak 4 in diam marked 1/4 S 20 B 5
T 1 in S 12 E. 93-000 dist.

Set cement rock 16X10X6 in
12 in in ground for 1/4 sec
cor, marked 1/4 on W. face
+ raise end of stones 2 ft
base 1 1/2 ft high W. of cor.
Also impracticable

A black oak 10 in diam
brs N. 65° W. 44 lks dist.
marked 1/4 S. 30 B. 5.

Very mountainous to S.
of this point impracticable
to survey.

Soil 182nd rath.

Land mountainous 23 chs

Dec 21/99

From cor to sec 19, 20, 29 +

30, I run var 12-30'

N. 89° 43' W for a ran-

dom limb bet sec 19 +

30.

R. 29 E.

BOOK 955

37

Chc

Along slope & flat

40.00

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

48.94

Intersect W. Bdy of Tpk
5ths S. of cor to secs 19,
24, 25 & 30, which is a
cement rock 10×5 ins 5 ins
above ground marked
2 notches on S & 4 on N. edges
with pits $\frac{1}{2}$ ind of earth.
Thence I run.

S. $89^{\circ} 41' E$ on true line
between secs. 19 &
30.

Along flat of Rucker
cañon.

33.18

Keyns fence bcs N. W. & S. E.

38.94

Set cement rock $17 \times 7 \times 5$ ins
 11 ins in ground for $\frac{1}{4}$ sec
cor, marked $\frac{1}{4}$ on N. face
dig pits $18 \times 18 \times 2$ ins E & W.

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Subdivision 4. 19 @.

che

of cor 3 ft dist, & build
 mid of earth & stones 3 ft
 base 2 ft high U. of cor.

Along flat & slope of ridge
 68.94 ^{around} high ridge.

78.94 Cor to secs 19, 20, 29 & 30.

Soil 1st & 2nd rate.

Mountainous land. 10 chs.

Dec 22. 1899

R. 29 E.

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General Description
This township is situated in the Chiricahua Mts., Cochise Co. Arizona. The altitude ranges from 5000 to 8000 ft. The S.E. cor lies close to the divide of the range, which is the watershed between the San Simon Valley on the east and the Sulphur Spring Valley on the west.

North and west of this corner is a basin or valley nearly circular in shape

about two miles in diameter, in which several small creeks and washes join the Whitewater.

At western side of basin the White-water enters a deep gorge extending west about four miles and averaging about one fourth of a mile in width. At this point the government maintained a military post for a number of years known as Camp Rucker but which is now owned and occupied

by Theo. Haupe.
The gorge mentioned
is known as Rucker
Canyon. The
ranch of Fred
Hague (formerly known
as the Banning place)
and the Hague estate
are situated along
the bottom land
of Rucker Canyon.
The ranch of Mrs
Laura Abbott, known
as the Hunsaker
ranch is situated
on the Whitewater
near the eastern
boundary of the
township.
The western boundary

extends along the foot-hills.

This township especially the eastern portion is well timbered with pine juniper live oak and along the water courses sycamore and cotton wood. In many portions especially on the north slopes the brush is very dense principally chest-oak and manzanita. The agricultural land is confined to the Whitewater bottoms.

Tps. 18 S. R 29 E and

195. R30E. are
exceedingly rough
and mountainous
Tp. 19S. R28 is a
fine grazing re-
gion and in-
cludes several
miles of the White-
water. It now
contains three
or more settlements
and should be
subdivided

Tombstone Ariz.

Dec 23 1899

John A. Rockfellow
U.S. Dep. Surveyor

List of Names.

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A List of the Names of the Individuals
 employed by *John A. Ruffell*
 U. S. Deputy Surveyor, to assist in running, meas-
 uring and marking the lines and corners described
 in the foregoing Field Notes of the survey of the
 subdivisions of
Tp. 19 South
Range 29 East

of the Gila and Salt River Base and Meridian, in
 the Territory of Arizona, showing the respective
 capacities in which they acted.

M. H. O'Connor Chainman.

Martin Walsh Chainman.

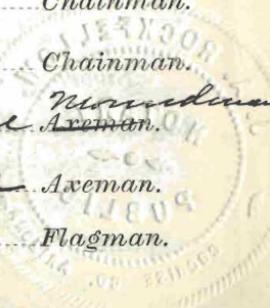
Chainman.

Chainman.

Fred W. Hyne Monumentman
 Axeman.

R. H. Fowler Axeman.

C. Brady Flagman.



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Final Oath of Assistants.

We hereby certify that we assisted *John A. Beckell* U. S. Deputy Surveyor, in surveying all those parts or portions of the

Subdivisions of T^h 19 South Range of East

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established according to the instructions furnished by the United States Surveyor General for Arizona.

M. H. O'Connor Chainman.

Martin Walsh Chainman.

Chainman.

Chainman.

Geo W. Lyne *Moranda* Axeman.

A. H. Fowler Axeman.

C. Brady Flagman.

Sworn to and subscribed before me, this *15*

day of *December*, 189*9*

John A. Beckell Notary Public.

[SEAL.]

My com. expires
Adm. 10 03

Final Oath of U. S. Deputy Surveyor. 46

I, John A. Ruffell

U. S. Deputy Surveyor, do solemnly swear that in
pursuance of a contract received from Royal A.
Chapman, United States Surveyor-General for Ari-
zona, bearing date of the 19th day of

June 1899, I have well, faith-
fully, and truly, in my own proper person, and in
strict conformity with the instructions furnished by
the United States Surveyor-General for Arizona,
the Manual of Surveying Instructions, and the
laws of the United States, surveyed all those parts

or portions of the Subdivisions

Sp. 19 South
Range 29 East

of the Gila and Salt River Base and Meridian, in
the Territory of Arizona, as are represented in the
foregoing Field Notes as having been surveyed by
me and under my direction; and I do further
solemnly swear that all the corners of said surveys
have been established and perpetuated in strict
accordance with the Manual of printed instructions,
the special instructions of the United States Sur-
veyor-General for Arizona, and in the specific

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manner described in the field notes, and that the foregoing are the true Field Notes of such survey; and should any fraud be detected I will suffer the penalty of perjury, under the provisions of an act of Congress approved August 8, 1846.

John A. Rockwell
U. S. Deputy Surveyor.

Sworn to and subscribed before me this 23rd

day of *December*, 1899.

A. H. Emanuel
Clerk.



BOOK 955