

Book No. 2.

See Index
Field Notes

OF THE SURVEY OF **BOOK 1336**

36
 6th Auxiliary Meridian
 E. through Tps. 20, 21, &
 22, N.

3th Auxiliary Meridian
 E. through Tps. 20 N, and
 Retracing of 4th Aux.
 Meridian E. through Tps. 20 N,
 Gila and Salt River Base and Meridian

ARIZONA.

By Frank Fullman D. S.

Under contract dated July 29th 1882.

Survey commenced Oct, 2nd 1882.

Survey completed Oct, 23rd 1882.

No. 1336



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Retracing of E. boundary
of Sp. 20. N. R. 16. E. 46

BOOK 1336

} For survey of 4th Mer E, see Exts Tps 10 to 20, Rgs 10 to 20

1	10	6	1	22	6	1	34	6	1	43	6	1	51	6
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f. 20 N. R. 24 E

f. 21 N. R. 24 E

f. 22 N. R. 24 E

f. 20 N. R. 20 E

f. 20 N. R. 16 E

For preliminary oaths
and list of assistants —
taunts see first book,
(No. 1.) of survey.

Instrument tested
before beginning sur-
vey of 6th Aux. Mer.
E., as at commence-
ment of survey, &
found correct;

1/6th Aux. Mer. E. through Sp. 20, N.

Begin at established
 cor. 10 Tns. 19 & 20 N,
 R's, 24 & 25, E, which is
 a post 4 ins. sq. firmly
 set in the ground,
 properly marked and
 notched and with pits
 & mound of earth
 around post, & run
 N. by. res. 31 & 36.

ran, $14^{\circ} 15' E$.

ascend gradually

29,40 Ridge 60 ft. high to
 E & W, ~ ascend

40,00 Set a sandstone 15
 x 10 x 6 ins. 10 ins. in the
 ground for $\frac{1}{4}$ sec. cor,
 marked $\frac{1}{4}$ on W. face,
 dug pits 18 x 18 x 12 in.

6th Auxiliary Meridian E

N. & S. of stone, $5\frac{1}{2}$ ft,
dist. & raised a mound
of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$
ft. base along side

57.00

Cross dry wash 7 lks
wide, course E, 40 ft. deb.

8000

Set a sandstone 14×10
 $\times 6$ ins, 9 ins, in the
ground for cor. to sec.
 25×30 , 31×36 , marked
with 1 notch on S. &
5 notches on N. edges,
dug pits $18 \times 18 \times 12$ ins,
in each sec, $5\frac{1}{2}$ ft,
dist. & raised a
mound of earth 2
ft. high, $4\frac{1}{2}$ ft. base
along side

land rolling ✓

through Sp. 20 N.

Soil 3rd rate
Good Grazing

N. bet. sec. 25 & 30

Var. 14° 15' E.

ascend gradually

4000 set a sandstone 14
 x 10 x 6 ins, 9 ins, in
 the ground for $\frac{1}{4}$ sec,
 cor, marked $\frac{1}{4}$ on N,
 face, dug pits 18 x 18 x
 12 ins, N. & S. of stone
 5 $\frac{1}{2}$ ft. dist. & raised
 a mound of earth
 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base
 along side.

8000 Set a sandstone 14 x
 10 x 6 ins, 9 ins, in the
 ground for cor. to sec.

6th Auxiliary Meridian

19, 24, 25 & 30, marked
 with 2 notches on S,
 & 4 notches on N, edges,
 dug pits 18x18x12 ins,
 in each sec, 5½ ft,
 dist, & raised a
 mound of earth 2
 ft. high, 4½ ft. base
 along side,
 Sand rolling
 Soil 3rd rate
 Good Grazing

N. bet. secs, 19 & 24

Var, 14° 15' E,

As and gradually

4000 Set a sandstone

12x12x4 ins 9 ins,

in the ground for

E. through Th. 20. W.

$\frac{1}{4}$ cor, cor, marked
 $\frac{1}{4}$ on W. face, dug pits
 $18 \times 18 \times 1\frac{1}{2}$ ins, N. & S. of
 @ 10m $5\frac{1}{2}$ ft, dist; &
 raised a mound
 of earth $1\frac{1}{2}$ ft. high,
 $3\frac{1}{2}$ ft. base alongside
 8000 Pit a sandstone 15
 11×5 ins, 10 ins, in
 the ground for cor,
 To ces, 13, 15, 19 & 24,
 marked with 3 notches
 on N. & S. edges, dug
 pits $18 \times 18 \times 1\frac{1}{2}$ ins, in
 each ce, $5\frac{1}{2}$ ft, dist,
 & raised a mound
 of earth 2 ft. high,
 $4\frac{1}{2}$ ft. base alongside
 hand rolling.

6th Auxiliary Meridian

Soil 3rd rate
 Good grazing

N. bet. sec. 13 & 18,
 var. 14° 15' E.

Ascend gradually

4000

Set a sandstone 15
 x 10 x 6 ins, 10 ins, in
 the ground for $\frac{1}{4}$ sec,
 cor. marked $\frac{1}{4}$ on N,
 face, dig pits 18 x 18
 x 12 ins, N & S, of stone
 5 $\frac{1}{2}$ ft, dist. & raised
 a mound of earth
 1 $\frac{1}{2}$ ft, high, 3 $\frac{1}{2}$ ft, base
 alongside,

8000

Set a limestone 15 x
 15 x 8 ins, 10 ins, in
 the ground for cor

E. through Sh. 20. W.

To sec. 7, 12, 13 & 18,
 marked with 2 notches
 on N. & 4 notches on S,
 edges, dug pits 18x18
 x 12 ins. in each sec,
 5½ ft. dist. & raised
 a mound of earth 2
 ft. high, 4½ ft.
 base along side
 hand railing
 Soil 3rd rate
 Good Grazing

N. bet. sec. 7 & 12,
 var. 14° 25' E,

ascend gradually

100 Ridge bps. N.E. & S.W.
 100 ft. high - descend

4000 Pit a sandstone 18x10x5

6th Auxiliary Meridian

ins, 12 ins, in the
ground for $\frac{1}{4}$ sec. cor,
marked $\frac{1}{4}$ on N. face,
dug pits 18x18x12 ins,
N. & S. of stone, $5\frac{1}{2}$ ft,
dist, & raised a
mound of earth $1\frac{1}{2}$
ft, high, $3\frac{1}{2}$ ft, base
alongside.

80,00 Set a post 4 ft, long
4 ins, square with
marked stone 12 ins,
in the ground for
cor. To sec, 4, 6, 7 & 12,
marked.

T. 20 N, R. 6, on N. E,
R. 25 E, Q. 7, on R. E, R. 24 E
Q. 12, on E. W, and
Q. 1, on N. W, faces, with

C. through Th. 20. W.

1 nolet on N, and
 5 noletus on S, edges,
 dug pits 18x18x12 ins,
 in each see, 5½ ft,
 dist; & raised a mound
 of earth 2 ft, high 4½
 ft, base around post.
 hand rolling
 Soil 3rd rate
 Good Grazing

N. bet. sees, 1, & 6,

Var, 14° 15' E,

Ascend abruptly

1400 Cross dry wash 40 ft,
 wide, course N,

ascend over rolling land

4000 Hit a sandstone 12 x
 10 x 6 ins, 8 ins, in the

6th Auxiliary Meridian

ground for $\frac{1}{4}$ sec. cor,
 marked $\frac{1}{4}$ on N. face,
 dug pits 18 x 18 x 12 ins
 N. & S. of stone, $5\frac{1}{2}$ ft.
 dist; & raised a mound
 of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$
 ft. base along side.

8150

Intersect - 5th Stand-
 dard N, 3.77 chs. E.
 of Standard Cor. 10
 Tps. 21, N, R's. 24 & 25 -
 E previously esta-
 blished by me,
 where I set a sand-
 stone 15 x 12 x 6 ins,
 10 ins, in the mound
 for closing cor. to
 Tps. 20 N, R's. 24 & 25
 E, marked C, C, with

E. Through T_h. 20 W.

6 nolets on P, E, & W,
edges, dug pits, ^{24'} 18 x 12
ins, crosswise on
each line P, E, & W,
of stone, 6 ft. dist,
& raised a mound
of earth 2½ ft. high,
5 ft. base alongside
hand rolling
Soil 3rd rate
Wood Grazing

Oct. 2, 1882,



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BOOK 1336

6th Aux. Mer. E. through Tps. 21. N.

Begin at Standard
cor. to Tps. 21. N. R's,
24 & 25 E. previously
established by me,
and run,

N, bet. secs. 31 & 36,

var. $14^{\circ} 35' E$,

over rough broken
bad lands

4000

Set a sandstone $14 \times$
 12×10 ins, 9 ins, in
the ground for $\frac{1}{4}$ sec,
or, marked $\frac{1}{4}$ on N,
face, dug pits $18 \times 18 \times$
 12 ins, N. & S. of stone,
 $5\frac{1}{2}$ ft, dist, & raised
a mound of earth $1\frac{1}{2}$
ft, high, $3\frac{1}{2}$ ft, base
along side,

6th Auxiliary Meridian

8000 Set a sandstone
 20 x 20 x 8 ins, 15 ins,
 in the ground for
 cor, to res, 25, 30, 31 &
 36, marked with 5
 notches on N, and 1
 notch on S, edges,
 dug pits 18 x 18 x 12 ins,
 in each res, 5 1/2 ft,
 dist; & raised a
 mound of earth 2
 ft, high, 4 1/2 ft, base
 alongside,

Surface broken
 bad lands ^{Sur 3d, etc}

N, but, res, 25 & 30,
 var, 14° 35' E,

2,00 Foot of hill, hrs. E. & W. ✓

E. through T_p. 21. W.

- 26,00 Point of spur, 40 ft. high,
trs, N, E, & S. W.
- 34,00 Cross wash 50 lks. wide
38 ft. deep, course S. W.
- 40,00 Pit a sandstone 14 x
12 x 8 ins, 9 ins, in the
ground for $\frac{1}{4}$ sec. cov,
marked $\frac{1}{4}$ on N. face,
dug pits 18 x 18 x 12
ins, N. & S. of stone,
5 $\frac{1}{2}$ ft. dist, & raised
a mound of earth
1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft,
base along side.
- 54,00 Foot of divide bet
Rio Puerco & Le Roux
wash, trs, E. & W.
descend through bad
lands. ✓

6th Auxiliary Meridian

- 7400 Foot of bad lands
trs. E. & W.
Over broken land
- 8000 Put a sandstone 12
x 12 x 8 ins, 8 ins, in
the ground for cor,
to res, 19, 24, 25, & 30,
marked with 4 not-
ches on N, & 2 notches
on S edge, dug pits
18 x 18 x 12 ins in each
area, 5 $\frac{1}{2}$ ft, dist, &
raised a mound
of earth 2 ft. high,
4 $\frac{1}{2}$ ft. base alongside,
Surface broken,

E, through T_p, 21, W,

N. lat. sec. 19, 24,

Var, $14^{\circ}35'$ E,

Over broken surface

4000

Put a sandstone $14 \times 12 \times 8$ ins, 9 ins, in the ground for $\frac{1}{4}$ sec, cor, marked $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins, N. & S. of stone, $5\frac{1}{2}$ ft, dist, & raised a mound of earth $1\frac{1}{2}$ ft, high, $3\frac{1}{2}$ ft, base along side,

5320

Cross wash, brs. W,
100 lbs wide,

8000

Put a sandstone $14 \times 12 \times 10$ ins, 9 ins, in the ground for cor, to sec 13, 18, 19 & 24 ✓

6th Auxiliary Meridian

marked with 3 notches
 on N. & S. edges, dug
 pits 18 x 18 x 12 ins, in
 each sec, 5½ ft. dist,
 & raised a mound
 of earth 2 ft. high,
 4½ ft. base along side
 surface broken,

N. bet. secs, 13 & 18,

Var, 14° 35' E,

this end gradually
 over broken bad
 lands,

3000 Cross wash 50 lks wide,
 course N, 87° W.

Entire valley 400 ft,
 below divide,

4000 Set a sandstone ✓

E. through Th. 21, W.

10 x 8 x 8 ins, 6 ins, in
the ground for $\frac{1}{4}$
cor, cor, marked $\frac{1}{4}$
on N. face, dug pits
18 x 18 x 12 ins, N. & S,
of stone, 3 $\frac{1}{2}$ ft. dist,
& raised a mound
of earth 1 $\frac{1}{2}$ ft. high,
3 $\frac{1}{2}$ ft. base alongside,

4800 E. thru wash course W
7950 have " " " W
8000 Put a sandstone 20
x 12 x 10 ins, 15 ins, in
the ground for cor,
to cor, 7, 12, 13, & 18,
marked with 2 notches
on N, & 4 notches on
S. edges, dug pits 18
x 18 x 12 ins, in each

6th Auxiliary Meridian

dia, $5\frac{1}{2}$ ft, dist, &
 raised a mound
 of earth 2 ft, high,
 $4\frac{1}{2}$ ft, base alongside,
 Surface rolling
 Grazing fire

N. bat, res, 7, x, 12,

Var, $14^{\circ} 35' E$,

over rolling surface

4000 Put a sandstone 20
 $\times 12 \times 3$ ins, 15 ins, in
 the ground for $\frac{1}{4}$ res,
 cor, marked $\frac{1}{4}$ on N,
 fac, dug pits $18 \times$
 18×12 ins, N, x, S, of
 stone, $5\frac{1}{2}$ ft, dist,
 & raised a mound
 of earth $1\frac{1}{2}$ ft, high

E. through T_p. 21. N.

8000 3½ ft. base alongside
 Put a sandstone
 20 x 20 x 10 ins, 15 ins,
 in the ground for
 cor. to res, 1, 6, 7 & 12,
 marked with 1 notch
 on N, & 5 notches on
 S. edges, dug pits 18 x
 18 x 12 ins. in each
 res, 3½ ft. dist. &
 raised a mound
 of earth 2 ft. high,
 4½ ft. base alongside,
 surface rolling
 grazing fine,

N. bet. res. 1, 7, 6,
 Var. 14° 35' E,
 Over valley land

6th Auxiliary Meridian

- 2500 Cross dry wash 50
 lks, wide, course N,
- 4000 Put a sandstone 14 x
 12 x 8 ins, 9 ins, in the
 ground for $\frac{1}{4}$ sec. cor.
 marked $\frac{1}{4}$ on N. face,
 dug pits 18 x 18 x 12
 ins, N & S. of stone,
 5 $\frac{1}{2}$ ft. dist, & raised
 a mound of earth
 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base
 along side,
- 8000 Put a sandstone 12 x
 12 x 10 ins, 8 ins, in
 the ground for cor
 to obs, 21 & 22 N, R's,
 24 & 25, E, marked
 with 6 notches on
 each edge, dug

6. through T_h. 21, W,

hits 24 x 18 x 12 ins,
lengthwise on each
line N, S, E, & W, of
Stou, 6 ft, dist, &
raised a mound
of earth 2½ ft, high,
15 ft, base along side

6th Aux. Mer. ^E through Sh. 22. N,

From the cor, to Shs,
21 & 22 N. R's, 24 & 25
E, just established,
I run,

N. bet, sees, 31 & 36,
var, 14° 39' E,
over valley land

4000 Set a sandstone 14
x 12 x 8 ins, 9 ins in
the ground for $\frac{1}{4}$ sec,
cor, marked $\frac{1}{4}$ on N.
face, dug pits 18 x 18
x 12 ins, N. & S. of stone,
5 $\frac{1}{2}$ ft, dist & raised
a mound of earth
1 $\frac{1}{2}$ ft, high, 3 $\frac{1}{2}$ ft, base
along side,

67,00 have valley bet. E. & N,
ascend grade

6th Auxiliary Meridian

8000 Set a sandstone 13
 x 12 x 8 ins, 8 ins, in the
 ground for cor. to res
 25, 30, 31, & 36, marked
 with 5 notches on N,
 & 1 notch on Q. edges,
 dug pits 18 x 18 x 12 ins,
 in each res, 5½ ft,
 dist., & raised a
 mound of earth 2
 ft. high 4½ ft. base
 along side.
 Grazing Good

N. bet. res. 25 & 30,
 Var. 14° 39' E,

Ascend gradually

4000 Set a sandstone 20
 x 12 x 8 ins, 15 ins, in

E. through Th. 22, W.

the ground for $\frac{1}{4}$ sec,
 cor, marked $\frac{1}{4}$ on W,
 face, dug pits $18 \times 18 \times$
 12 ins, N. & S. of stone,
 $5\frac{1}{2}$ ft, dist, & raised
 a mound of earth
 $1\frac{1}{2}$ ft, high, $3\frac{1}{2}$ ft,
 base along side,

8000 Put a sandstone 20
 $\times 12 \times 8$ ins, 15 ins, in
 the ground for cor,
 to sec, 19, 24, 25, & 30,
 marked with 4
 notches on N, & 2
 notches on E. edges,
 dug pits $18 \times 18 \times 12$ ins,
 in each sec, $5\frac{1}{2}$ ft,
 dist, & raised a
 mound of earth 2 ft, ✓

6th Auxiliary Meridian

high, $4\frac{1}{2}$ ft, base along
side

Soil sandy
Grazing Good

N. bet. res, 19 & 24,
Var, $14^{\circ} 39' E$,

Ascend gradually

2000 Top of mesa, 80 ft, high,
hrs, E, & W,

4000 Put a sandstone $14 \times$
 10×3 ins, 9 ins, in the
ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on W. face,
dug pits $18 \times 18 \times 12$ ins.
N. & S. of stone, $5\frac{1}{2}$ ft,
dist, & raised a mound
of earth $1\frac{1}{2}$ ft, high, $3\frac{1}{2}$
ft, base alongside, ✓

E. through T_p. 22. N.

8,000 Ret a sandstone 15 x 12
x 8 ins, 10 ins, in the
ground for cor. 10 sec,
13, 18, 19, & 24, marked
with 3 notches on N. &
S. edges, dug pits 18 x 18
x 12 ins, in each sec,
5½ ft, dist, & raised
a mound of earth 2
ft. high, 4½ ft. base
alongside.
Good grazing.

N. bet. sec, 13 & 18.

Var, 14° 39' E,

over mesa land

2,00 have mesa land, br.
E. & W. ~ descend ✓

27,00 a house & cultivated land

6th Auxiliary Meridian

- trs. N, 50 lks. dist,
- 3000 Eute valley 60 ft, deep
trs. E & W.
- 4000 Get a sandstone 20 x
12 x 8 ins, 15 ins, in the
ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N. face,
dug pits 18 x 18 x 12 ins,
N. & S. of stone, $5\frac{1}{2}$ ft,
dist, & raised a mound
of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$
ft. base along side.
- 7000 Foot of mesa trs. E & W,
- 7200 Top " " " " "
- 8000 Get a sandstone 20 x
20 x 8 ins, 15 ins, in
the ground for cor.
10 sec. 7, 12, 13, & 18 ✓
marked with 2 notches

E, through Th. 22 N,

on N, & 4 notches on E,
edges, dug pits 18x18x12
ins. in each rec. 5½ ft.
dist, & raised a mound
of earth 2 ft. high, 4½
ft. base along side.

Soil sandy

Good Grazing

N. bet. recs. 7, 8, 12,

Var. 14° 39' E

Over mesa,

4000 Pit a sandstone 12x
10x8 ins, 8 ins, in the
ground for ¼ rec. cor,
marked ¼ on N. face,
dug pits 18x18x12 ins,
N. & S. of 0 low, 5½ ft.
dist, & raised a mound

6th Auxiliary Meridian

of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base along side

79.00 Leave mesa, hrs. E. & W.

Meridian

80.00

Set a sandstone $12 \times 8 \times 8$ ins, 8 ins, in the ground for cor. to sees, 1, 6, 7, 8, 12, marked with 1 notch on N, & 3 notches on S. edges, dug pits $18 \times 18 \times 12$ in, in each see, $3\frac{1}{2}$ ft. dist, & raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base, along side.

Soil sandy
Good grazing

✓

through Tp. 22, N,

- N. bet. sec. 1, & 6,
 Var. $14^{\circ} 39' E$,
- 1000 Entire valley, - 60 feet,
 hrs. E, & N,
- 4000 Put a sandstone 14×12
 $\times 8$ ins, 9 ins, in the
 ground for $\frac{1}{4}$ sec. cor.
 marked $\frac{1}{4}$ on N. face,
 dug pits $18 \times 18 \times 12$ ins,
 N. & S. of stone, $5\frac{1}{2}$ ft,
 dist. & raised a mound
 of earth $1\frac{1}{2}$ ft. high,
 $3\frac{1}{2}$ ft. base along side,
- 5020 Deep wash, 50 lks. wide,
 course S. N,
- 5930 Deep wash 25 lks. wide
 course S. $20^{\circ} N$,
- 8000 Put a sandstone $20 \times$
 12×10 ins, 15 ins, in

6th Auxiliary Meridian through Tps. 22, 23, 24, 25

the ground for cor,
to Tps. 22, & 23, N, R6,
24 & 25 E, marked
with 6 notches on each
edge, dug pits 18x18x
12 ins, lengthwise on
each line, N, S, E, & W,
of stone, 6 ft, dist, &
raised a mound of
earth, 2½ ft, high, 5 ft,
base along side.

Soil 3rd rate
Good Grazing
Oct, 3, 1882,

5th aux. Mer. E. through Th. 20, N,

Begin at cor. 18 Ths.
19 & 20 N, R's, 20 & 21
E, which is a sandstone
12x8 ins, properly set &
marked, with pits &
mound of earth along-
side,

Thence I run

N. by, res, 31 & 36

Var. 14° 8' E,

Over rolling surface

4000

Set a lava stone 17x
12x8 ins, 12 ins, in the

ground for $\frac{1}{4}$ cor, cor,
marked $\frac{1}{4}$ on N. face,

dig pits 18x18x12 ins

N. & S. of stone 5 $\frac{1}{2}$ ft,

dist. & raised a mound
of earth 1 $\frac{1}{2}$ ft. high ✓

5th Auxiliary Meridian

8000 $3\frac{1}{2}$ ft. base alongside
 set a sandstone $24 \times$
 10×6 ins, 18 ins. in the
 ground for cor. to sec,
 25, 30, 31, & 36, marked
 with one notch on S,
 & 5 notches on N. edge,
 dug pits $18 \times 18 \times 12$ ins,
 in each sec, $5\frac{1}{2}$ ft,
 dist; & raised a mound
 of earth 2 ft, high $4\frac{1}{2}$ ft,
 base alongside,
 Soil 3rd rate
 Grazing Good

N. bet. sec, 25, & 30

Var. $14^{\circ} 8' E$

over rolling surface

10,000 Entire bad lands trs. ✓

through Sp. 20, 21,

- N.E. & S.W. - ascend
- 4000 Get a sandstone $16 \times 12 \times 10$ ins, 11 ins, in the ground for $\frac{1}{4}$ sec, cor, marked $\frac{1}{4}$ on W. face, dug pits $18 \times 18 \times 12$ ins N. & S. of stone $5\frac{1}{2}$ ft. dial, & raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base along side
- 4600 Top of ascent 80 ft. high, heavy bad layers
Proceed over high mesa
- 8000 Get a sandstone $13 \times 12 \times 8$ ins, 9 ins, in the ground for cor, to secs. 19, 24, 25 & 30, marked with two notches on S. & 4 notches on N. edges ✓

5th Auxiliary Meridian

dug pits $18 \times 18 \times 12$ ins,
in each cor. $5\frac{1}{2}$ ft,
dist, & raised a mound
of earth 2 ft, high $4\frac{1}{2}$
ft, base alongside.

Grazing Good 26 lbs
Soil 3rd rate 26 "
" 4th " 54 "

N. bet. sees, 19×24
Var, $14^{\circ} 8' E$,

Over mesa land

4000

Ret a sandstone
 $16 \times 10 \times 4$ ins, 9 ins, in
the ground for $\frac{1}{4}$ see,
cor, marked $\frac{1}{4}$ on N. face
dug pits $18 \times 18 \times 12$ ins,
N. & S. of 01010, $5\frac{1}{2}$ ft,
dist, & raised a

through Th. 20, W,

mound of earth $1\frac{1}{2}$ ft.
high, $3\frac{1}{2}$ ft, base along
side,

8000

Put a sandstone 15×12
 $\times 8$ ins, 10 ins, in the
ground for cor, 10 sees,
13, 18, 19 & 24, marked
with 3 notches on S. &
N. edges, dug pits $18 \times$
 18×12 ins, in each see,
 $5\frac{1}{2}$ ft, dist, & raised
a mound of earth
2 ft, high, $4\frac{1}{2}$ ft, base
along side,

Soil 3rd grade
Grazing Good

N. bet, sees, 13 & 18 ✓
Var, $14^{\circ} 8' C^{\circ}$

5th Auxiliary Meridian

Over mesa land

- 9,000 Miscued through bad
lands, brs. N, E, & S, W,
- 4000 Pit a sandstone 15 x 15
x 5 ins, 10 ins, in the
ground for $\frac{1}{4}$ sec. cor,
marked $\frac{1}{4}$ on W. face
dug pits 18 x 18 x 12 ins
N. & S. of stone, 5 $\frac{1}{2}$ ft. dist,
& raised a mound of
earth 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$
ft. base along side.
- 8000 Pit a sandstone 20 x
10 x 8 ins, 15 ins, in the
ground for cor. to sec,
7, 12, 13, & 18, marked
with 4 notches on S,
& 2 notches on N. edges
dug pits 18 x 18 x 12 ins

through Th. 20, U.

in each sec, $5\frac{1}{2}$ ft,
dist, & raised a mound
of earth 2 ft. high $4\frac{1}{2}$
ft, base alongside,
Grazing Good, 9 obs,

N. lat, sec, 7 & 12,
Tan, $14^{\circ} 8' 6''$

Over broken bad lands

40,000 Set a sandstone $17 \times$
 10×4 ins, 12 ins, in the
ground for $\frac{1}{4}$ sec, cor,
marked $\frac{1}{4}$ on N. face,
dug pits $18 \times 18 \times 12$ ins,
N. & S. of stone, $5\frac{1}{2}$ ft,
dist, & raised a mound
of earth $1\frac{1}{2}$ ft. high,
 $3\frac{1}{2}$ ft, base alongside,

80,000 Set a lava stone $16 \times 10 \times$

5th Auxiliary Meridian

x 4 ins, 11 ins, in the
 ground for cor. to sec,
 1, 6, 7 & 12, marked
 with 5 notches on S,
 and 1 notch on N,
 edges, dug pits 18 x 18 x
 12 ins, in each sec,
 5 1/2 ft. dist, & raised
 a mound of earth
 2 ft. high, 4 1/2 ft. base
 along each
 Soil barren bad lands

N. bet. Secs. 1 & 6,
 Twp. 14° 8' E,

Over broken bad lands

4000

Set a sandstone 17 x
 10 x 4 ins, 12 ins, in
 the ground for 1/4 sec

through T_h. 20, N.

cor, marked $\frac{1}{4}$ on N,
face, dug pits 18 x 18 x
12 ins, N. & S. of stone
 $5\frac{1}{2}$ ft, dist; & raised
a mound of earth
 $1\frac{1}{2}$ ft, high, $5\frac{1}{2}$ ft, base
along side.

8048

Interest - 5th Stand-
ard N, at a point - 4,
R₃chs, West. of cor, 10
T_hs, 21, N, R_s, 20 & 21
E, previously established
by me,
when I set a lava stone
17 x 13 x 12 ins, 11 ins, in
the ground for closing
cor, 10 T_hs, 20 N, R_s,
20 & 21, E, marked
C.C, with 6 notches on

5th Auxiliary Meridian
E. through T_p. 20, W.

S. E. & W. edges, dug pits
24 x 18 x 12 ins. cross-
wise on each line
S. E. & W. of Tow, 6 ft,
dist; & raised a
mound of earth $2\frac{1}{2}$
ft, high, 5 ft, base
alongside,
Soil barren bad lands

Oct, 18, 1882, ✓

Retracing of

4th aux. Mer. E. through Sp. 20, U.

Begin at Cor. to Sp.
19 & 20 U, R's, 16 & 17,
E, which is a cotton-
wood post 4 x 4 ins,
properly notched &
marked and with
earth mound,
Thence I retraced

N, bet. sec. 31 & 36,

Var. 14° 18' E,

4000

Found no cor. therefore
established one,

Set a sandstone 20
x 16 x 10 ins, 15 ins. in
the ground for $\frac{1}{4}$ sec.
or, marked $\frac{1}{4}$ on N,
face, dug pits 18 x 18 x
12 ins N. & S. of stone
 $5\frac{1}{2}$ ft. dist. & raised 1

Retracing of 4th Auxiliary Meri-

a mound of earth $1\frac{1}{2}$
ft. high, $3\frac{1}{2}$ ft. base
alongside,

79,24 a point 37 lks. east-
of cor. to sees. 25, 30,
31, & 36., a sandstone
 $14 \times 10 \times 8$ ins., ^{set} in ground,
properly marked, &
with pits & mound
of earth alongside.

N. bet. sees 25 & 30
Var. $14^{\circ} 8' E$,

40,00 a point - 30 lks E. of $\frac{1}{4}$
see. cor. a lava rock
 14×14 ins., set in ground,
properly marked &
with pits & earth mound.

dian E. through T. 20, N,

79,85 a point - 67 lks. E. of cor,
to sees, 19, 24, 25 & 30,
a cottonwood post -
^{set firmly in ground}
properly notched &
marked and with pits &
earth mound

Soil 3rd rate

Surface rolling
Grazing Good

N. bet, sees, 19 & 24

Var, 14° 18' E,

39,90 a point 41 lks. E. of $\frac{1}{4}$
sec. cor. a sandstone
14' x 2 ins, set in ground,
properly marked &
with pits & earth
mound

80,37 a point - 50 lks. E. of cor. ✓

Retracing of 4th Auxiliary Merid

to sees. 13, 18, 19, & 24,
 a cottonwood post
 set firmly in ground
 properly marked &
 notched, and with
 pits &
 earth mound.

N. bet. sees. 13 & 18.

40,20

a point ^{Mar 14th 1850} 27 lks. E. of $\frac{1}{4}$
 cor. cor, a sandstone
 12 x 4 ins, set in
 ground, properly
 marked & with
 pits & earth mound.

79,84

A point 74 lks. E. of
 cor. to sees. 7, 12, 13, & 18,
 a cottonwood post -
 set firmly in ground ✓

ian E. through T_h. 20, 21,

properly notched &
marked, and with pits
& earth mound,

N, bet, sees, 7, 8, 12,
Var, 14° 8' E,

39,54 A point - 29 lks. E of
1/4 sec. cor, a cottonwood
post set firmly in
ground, properly
marked, & with pits
& mound of earth,

8000 A point - 67 lks. E of
cor, to sees, 1, 6, 7 & 12
a cottonwood post,
set in ground, proper-
ly marked, and
with pits & mound
of earth. -

Retracing of 4th aux. Meridian E,
through Sp. 20, W.

N. bet. sec. 1 & 6,

Var. $14^{\circ} 8' E$,

39,80 A point - 40 lks. E. of
 $\frac{1}{4}$ sec. cor. a sandstone
12 x 4 ins, set in ground
properly marked &
with pits & mound
of earth,

41,20 cross dry wash 120 lks,
wide, course S. $45^{\circ} W$,

43,74 Cross road brs, S. $25^{\circ} W$,

80,20 A point - 57 lks. E,
of closing cor. on
3rd Standard N.
10 Sp. 20 N. Rd. 16 x 17
E., a post properly notched
& marked, set firmly
in ground & with
pits & mound of earth.

This Cor. is 33.21 chs.

West of the Standard
Cor. to Tps 21 N. R. 16+17
E. which is a
Cottonwood post 5
ins sq. marked -

S. Q. T 21 N. on N.

R 17 E. S 31 on E &

R 16 E. S 36 on W

faces & with 6 notches
on N. E & W. faces. &
pits N E & W of post 6
ft. dia. & a mound of
earth around post.

Surface rolling

Soil 3 Loats

Good grazing

Oct. 23^d 1883

For final oaths see book N^o
17 of Survey -

U. S. Surveyor General's Office,

TUCSON, ARIZONA,

April 19, 1883

The foregoing Field Notes of the Survey of the
 6th Auxiliary Meridian C. through
 Townships 20, 21 & 22 North,
 5th Auxiliary Meridian C. through
 Twp. 20 N. and Retracing of 4th Aux^y,
 Meridian C. through Twp. 20 North

Of the Gila and Salt River Base and Meridian, Arizona, execu-
 ted by Frank Fallman

Deputy Surveyor, under his contract of the

July 29th

day of

July

, 1882, having been

critically examined and the necessary corrections and explana-
 tions made, the said Field Notes and the surveys they describe
 are hereby approved.

J. W. Robinson
 Surveyor General.