

No. 1288

Book No. 2.

1

latter
Copies
Indexed
Compared

See Index in
Field Notes

Retracing
OF THE SURVEY OF

BOOK 1288

The Retracing of the 3rd
Standard Parallel North
through
T 13 N. R 20 E.

1288

No. 1288

BOOK 1288

Gila and Salt River Base and Meridian

ARIZONA.

By *M. N. Grant* D.S.

Under contract dated *Aug. 5th* 1882

Survey commenced *Feb 18th* 1883.

Survey completed *Feb 18th* 1883.



Book No. 1288

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Retracing 5th Stand N. Hwy R. 20 E.
1 - 10.

R. 20 E.

31	32	33	34	35	36
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For description of instrument
and preliminary notes
see Book No. 1.

Survey commenced, Feb. 19th 1888

Survey completed Feb 19th 1888

Re-tracing of the 3^d Stand Parallel N.
Through R. 20 E.

As

On July 19th 1888 I set my
Instrument on the Stand. Cor.
E. ¹³ R. S. 19 + 20 E. on the 3^d
Stand - Parallel North, which
is a post set firmly in a
Mound of earth. Marked,
S. C. T. 13 N. on N.

R. 20 E. S. 31 on E. and
R. 19 E. S. 36 on N. faces.
and with 6 notches on N. E. & N.
faces. + pits 24 x 18 x 12 ins. N. E.
& N. of post 6 ft. dist. and
retrace East. on S. Ry. Sec. 31.
Va. 13° 40' E.

Over level tableland

40. 19 To a ^{post} 55 Chs. S. of Stand
1/4 Sec. Cor. which is a post
3 ins. sq. set firmly in a mound
of earth marked S. C. 1/4 S. on
N. face with pit 18 x 18 x 12 ins.

Re-tracing of the 3^d Stand. Parallel N.
through R. 20 E.

Chs
80.35 C + N. of post. 5 1/2 ft. dist.
To a point 89 lks. S. of Stand.
Cor. to Secs. 31 + 32, which is a
Rock. 4 ins. sq. set firmly in a
Mound of earth marked.
S. C. T. 13 N. R. 20 E. on N.
S. 31 on N. + S. 32 on E.
faces + with 1 notch on N. and
5 notches on E. faces, with pits
18 x 18 x 12 ins. N. E + N. of post.
5 1/2 ft. dist.
Surface level
Soil 2 ^{ms}/_{in} rate
Good grass +
Scattering Juniper Brush

East. on S. By. Sec. 32.
Va. 13° 45' E.

Over level land.

Re-tracing of the 3^d Stand, Parallel N.
through R. 20. E.

Obs

- 40.25 To a point 58 lks S. of Stand,
¼ Sec. Cor. which is a post 3 ins.
sq. set firmly in a mound of
earth marked S.C. ¼ S. on
N. face, with pits 18x18x12 ins.
E + W. of post 5 ½ ft. dist.
- 60.16 Foot of a Hill brs. N. + S. + ascend
- 79.00 Top of Hill 100 ft. above Cor. + descend.
- 80.25 To a point 2 lks. S. of Stand Cor.
to Secs. 32 + 33. which is a
Granite Stone 14 x 9 ins. marked
S.C. with 2 notches on N. + 4 notches
on E. edges, with pits 18x18x12 ins.
N. E + W. of Stone 5 ½ ft. dist +
a mound of earth 2 ft. high
4 ½ ft. base alongside, from which
a Juniper 6 ins. diam brs. N. 20° E.
28 lks. dist marked T. 12 N. R.
20 E. S. 33 B. T.
Surface rolling.

Re-tracing of the 3^d Stand. Parallel N.
Through R. 20 E.

Chs

Soil 3^d rate
Good grass &
Scattering Juniper.

East. on S. By, Sec. 33.
Ra. 14° E.

Descend gradually

16.80 Foot of Slope bet. N. & S. + over level land.

40.46 To a point 70 lbs. S. of Stand.

41 Sec. Cor. which is a post 4 ins.

sq. set firmly in a mound of
earth Marked S.C. 4 S. on N.

face with pits 18 x 18 x 12 ins. E. + W.
of post. 5 1/2 ft. dist.

80.75 To a point 1.10 Ch. S. of Stand.

Cor. to Sec. 33 + 34 which is a

post 4 ins. sq. set firmly in a
mound of earth Marked S.C.

T. 18 N. R 20 E. on N. S. 34

Re. tracing of the 3^d. Stand. Parallel N
through R. 20 E.

Chs

on E. & S. 33 on N. faces just
with 3 patches and 6th w. pres.
pits 18x18x12 ins. N. E. & N. of
post 5^h ft dist.

Surface rolling

Soil 2^d & 3^d rate

Some grass.

Scattering Juniper

East on S. Big Sic. 34.

Na. 14° E.

Over slightly rolling land.

40. 34 To a point 70 lks. S. of Stand 14
See. Cr. which is a Sand stone

18x9 ins. in a mound of stone
marked S.C. 4 on N. face,

from which

a Juniper 6 ins. diam brs. N. 35° N. 16
lks. dist. Marked 4 S. B. T.

53,45 Snowflake Road brs. N. 64° E.

Retracing of the 3^d Stand. Parallel N.
through R. 20 E.

chs

80.80 To a point 1.12 Chs. S. of Stand.
Cor. to Sies. 34 + 35 which is a
post 4 ins. sq. Set firmly in
an earth mound marked
S.C. T. 13 N. R. 20 E. on N. S.
35 on E. and S. 34 on N. faces
and with 2 notches on E. and
4 notches on N. faces, with pits
18 x 12 ins. N. E. + W. of post,
5 ft. dist.

Sand rolling

Soil 2^d. + 3^d rate

Good grass.

Scattering Juniper.

Each. on S. By Sie 35.

va. 14° E.

Gradual ascent

33.50 Top of Hill br. N. 125 ft high + descend.

Re-tracing of the 3^d Stand. Parallel N.
Through R. 20 E.

Chs

40.75 To Stand. 4 Sec. Cor. which is
a Sand Stone 17x4 ins. Marked
S.C. 4 on on N. face with pits
18x18x12 ins. E. & W. of stone 5 1/2 ft.
dist. & Mound of earth 1 1/2 ft high
3 1/2 ft. base alongside, from which
a Juniper 3 ins. diam bro. 525 N. 13 lbs.
dist. Marked 4. S. B. T.

80.64 To a point 52 lbs. S. of Stand. Cor.
to Secs. 35 & 36 which is a post
4 ins. sq. set firmly in a mound
of earth. Marked S.C. 5. 13 N. R.
20 E. on N.

S. 36 on E + S. 35 on N. faces
are with 1 notch on E. and 5 notches
on N. faces, with pits 18x18x12
ins. N. E. & W. of post. 5 1/2 ft.
dist.

Surface rolling & broken
Soil 4" ^{gate}
Dense Juniper brush.

Re-tracing of the 3^d Stand. Parallel N.
Through R. 20 E.

48.00 East on S. Big Spr. 36.
Ra 140 E.

Descend gradually

38.64 To a point 40 lks. S. of Closing
Cor. to Sp. 12 N. R. 20 + 21 E.
which is a post 4 ins. sq. Set
firmly in a mound of earth marked
C.C. T. 12 N. on S.

R. 20 E. S. 36 on N. and
R. 21 E. S. 31 on E. faces,
and with 6 notches on S. E. + N.
faces. with pits 18 x 18 x 12 ins.
S. E. + N. of post 5 1/2 ft. dist.
from which

= A Juniper 12 ins. diam. br. N. 75° E.

~~40.64 1/2 lks. dist. marked 1/2 S. D. 4.
To a point 49 lks. S. of Stand 14 sec cor. which is a Post 4 1/2 ins. square, ^{at} ground
marked 1/4 S. S. 60° 1/2° E. from which Juniper 2 ins. diam. br. N. 75° E. marked 1/2 S. D. 4.~~

- 40.64
- 56.19 Cross Road S. of 3 E. marked 1/2 S. D. 4.
- 58.50 Foot of Spur. br. S. + ascent
- 65.53 Top of Spur. 80 ft high br. S. + descent.
- 80.60 To a point 42 lks. S. of Stand Cor.

Re-tracing of the 3^d Standa Parallel N.
Through R. 20 E.

Chs to Tps. 13 N. R's 20 + 21 E. which
is a peak 4 ins. sq. set firmly
in a mound of earth marked.

S.C. T. 13 N. on N.

R. 21 E.S. 31 on E.

R. 20 E.S. 36 on N. faces

with 6 notches on N. E. + N. faces.
and pits 24 x 18 x 12 ins. N. E. + N.
of post 6 ft. dist. from which

a Juniper 10 ins. diam. brs S. 55° N.

62 lbs. dist. marked T. 12 N. R.

26 E. S. 6 P. T.

Surface rolling

Soil 2^d + 3^d rate

Fair grazing

Scattering Juniper

I carefully examined the adjustment
of my Salar Compass to-day,
particularly the latitude and
reversing apparatus, and

Retracing of the 3rd Stand. Parallel N.
through R. 20 E.

Chs found *Thms Arnet*.
Feb 18th 1883.

How. final oaths see
Book No. 13.

No. 1288

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U. S. Surveyor General's Office,

Tucson, Arizona,

July 17, 1884

The foregoing Field Notes of the Survey of the

Retracing of the 3^d Standard
Parallel North

Through

Township 13 North Range 20 East,

Of the Gila and Salt River Base and Meridian, Arizona, execu-
ted by W. V. GrantDeputy Surveyor, under his contract of the Seventh
day of August, 1882, having beencritically examined and the necessary corrections and explana-
tions made, the said Field Notes and the surveys they describe

are hereby approved

Royce Johnson
Surveyor General.