

No. 1282

BOOK 1282

Revised

No. 2.

See Index
Field Notes

OF THE SURVEY OF BOOK 128

The
Retracing of the 4th
Standard Parallel North
through Range 5, 6, and
7th (See Resurvey by
Kalinor, in 1902) for above
this package.

Gila and Salt River Base and Meridian

No. 1282

ARIZONA.

By John C. Smith D.S.

Under contract dated Dec. 10th 1884

Survey commenced April 11th 1885

Survey completed April 15th 1885

Contract No 55.

Approved by Com^r G. S. O.
July 14, 1890.

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Page

Retracing 4th Stand. through R. 5 E. 1 to 9th line
 " " " R. 6 E. 9 " 16
 " " " R. 7 E. 17 " 21

R. 5 E.

31	32	33	34	35	36
1	2	4	5	6	8
6	5	4	3	2	1

R. 6 E.

31	32	33	34	35	36
9	10	12	13	14	15
6	5	4	3	2	1

R. 7 E.

31	32	33	34	35	36
17	17	18	19	20	X
6	5	4	3	2	1

For description of
instrument and
preliminary notes
See Book No 1

Survey commenced April 11th 1885
" completed April 15th 1885

and]

l.

174.

72

15 ins.

upside

bottom

72

174.

f

Retracing 4th Stand. Cor. N.

Chains

From the Stand. Cor.
to Tps. 17 N. R. 4 and 5
E. previously described
by me. I run East
on the S. Co. of Sec.
31

Ca. $14^{\circ}15' E$.

Descend

17.49 Right bank oak creek Cor. 5th.

18.50 Left. " " " " "

35.50 Left. " " " " N.W.

77.00 Right " " " " "

around bridge

39.75 To a point 100 yds. N. of
14 Sec. Cor. which is
a rock in place perfectly
marked and a mound
of stone alongside

through Range E.

No. 1282

Chains

	[to creek
57.00	Top of ridge bet. N. & S. descend]
74.50	Right bank oak with Co. S. N.
75.60	Left bank oak creek Co. S. N.
76.50	ascend
80.10	To the cor. to Secs. 31 and 32
	which is a sandstone 12x5 ins.
	properly marked and a
	row of stone alongside
	Surface mountainous
	Soil 2nd & 4th sets
	<u>Sycamore trees in creek bottom.</u>
	East on the S. By of Sec. 32
	No. 14° E.
9.00	Along 20 lbs. wide cor. S. N.
135.20	Top of malpais mt. bet.
	N. & S. descend
40.20	To a point 17 lbs. N. of

Retracing 4th Stand. Pas.

Chairs

114 Sec. loc. which is
a malpais rock 10x9 ins.
properly marked and a
mound of stone alongside
8030 To a point - 11 lbs. N.
of the loc. to Secs.

32 and 33 which is a
sandstone 22x16 ins.
properly marked and
a mound of stone
alongside. From
which a cedar 20 ins.
in diam. to S. 55° W.

34 lbs. dit. properly marked
Surface mountainous
Soil poor
Sand gran

N. through R. 5 E.

Chain

East on the S. By of
Sec. 33

To 140 E.

- 1.00 Foot of mt. and ascend
26.00 Top of mt. 250 ft. W. N. S.
descend.
39.78 To 14 Sec. Cor. which is a
sandstone 15 x 5 ins. properly
marked and a mound of
stone alongside. From
which a cedar 12 ins. in
diam. W. S. 65° N. 65 lbs. dist.
marked 14 S. C. T.
48.00 Foot of mt 275 ft. W. N. S.
thence over rough country.
80.00 To the Cor. to Secs. 33 and
34 which is a sandstone
15 x 8 ins. properly marked

Retracing 4th. Sta. Par. N.

Chains

and a mound of stone
along side. From which
a cedar 16 ins. in diam.
hs. N. 10° W. 34 lbs. dist.

properly marked

Surface mountainous
Soil 4th rate

Scattering cedar and juniper trees

East on the S. Ry. of Dec. 34.
ascend 7a. 1406

15.00 Descend from bluff 90 ft. high

19.00 Foot of bluff hs. N. 10°

39.90 To a point 6 lbs. N. of 114 Dec.
hs. which is on
sand stone 10x6 ins.
properly marked
and a mound

through R. 56.

Chairs

- of stone alongside.
- 40.25 Walk 12 lbs. wide cor. N.W.
- 56.40 " 20 " " " N.W.
- 70.00 ascended mt. ps. N.S.
- 80.14 To a point - 10 lbs N. of
the cor. to Secs. 34 and 35 -
which is a Demingston 1016 and
properly marked with a
mound of stone alongside.
Surface more than even
Soil 4th rate rocky
Scattering Cedars and pines.
- East on the S. by. of Sec.
35
- 70.140 E.
- 5.00 Top of mt. ps. N.S. 200 ft.
Descend.

through R. & E.

Chassis

E. on the S. Ry. of Sec. 36
Tn. 140 E.

39.00

Made 16 lbs. wide lev. S.

40.00

To the 14 Sec. lev. which is
sandstone 12x5 ins. properly
marked and a mound

70.00

of stone alongside
Pinned 5 ins. in diam. by 2 1/4 or 3. 12 lbs. dist.
Road cut, properly marked.

80.18

To a point 4 lbs. N. of
the lev. to ^{the} 17 N. R. S.
T and 6 E. which is a
sandstone 9x3 ins. properly
marked and a mound of
stone alongside.

Surface mountainous
Soil 4th rate

Scattering cedar and pines

April 11th 1885

9

Retracing 4th Stand. Par. N.

Chain

From the Stand. Cen to
 Tps. 17 N. Rs. 5 and 6 E. just
 described I run E. on
 the S. By. of Sec. 31
 Va. 14° E.

Ascend

4.00 Top of mt. 250 ft. W. N.W. S.E.
 and descend

18.50 Foot 300 ft. W. N.W. S.E.

39.80 To a point 7 lbs. N. of
 14 Sec. Cen. which is
 a sandstone 10x6 ins.
 properly marked and
 a mound of stone
 alongside.

From which a fissile
 tree 5 ins. in diam W.
 S. 15 lbs. mil. probably

through R. 6 E.

Chains

marked

47.40 Road to S. 105.

79.93 To a point 12 lks. N. of
the cor. to Secs. 31 and 32
which is a sandstone
14x8 ins. properly marked
and a mound of stone
alongside. From which
a pinon tree 10 ins. in
diam. to N. 34° E. 26 lks.
dit. ^{properly} marked

Surface mountainous

Soil 4th rate

Scattering cedars and pines

East on the S. Ry. of Sec. 32
to 14° 00' E

Over rough country

Retracing 4th Standard Cor.

Chain

- 40.09 To 114 Sec. Cor. which is a sandstone 17×5 ins. properly marked and a mound of stone alongside. From which a pine tree 5 ins. in diam. br. N. 30° W. 140 lbs. dist. properly marked
- 80.04 To a point 5 lbs. N. of the Cor. to Secs. 32 and 33 which is a sandstone 12×8 ins. properly marked and a mound of stone alongside. From which a pine tree 10 ins. in diam. br. N. 42° W. 78 lbs. dist.

N. through Range 6 E.

Chin

properly marked
 Surface mountainous rough
 Soil 3rd. rate
 Scattering - Cedar and oak trees

Cart on the S. E. of Sec. 33
 T₂ 14th E.

40.12 Over rough country
 To a point 11 lks. N. of
 the 1/4 Sec. cor. which is
 a sandstone 12x5 mds,
 properly marked and
 a mound of stone
 alongside.

66.00 Round mesa

80.06 Top 75 ft. to N. or S. ~~and to~~
 and to a point 15 lks. N.
 of the cor. to Sec. 33 or 34

Retracing 4th Stand. Par. A.

Chains

which is a sandstone
11x8 ins. properly marked
and a mound of
stone along side.

Beef on rough and mountainous
Soil 4th rate
Scattering brush

East on the S. Ry. of Sec 34
over mesa Sta. 140 E.

40.00 To the 114 Sec. lev. which
is a sandstone 13x8 ins.
properly marked and
a mound of stone
alongside.

43.50 Descend from mesa to N. R. 50.

70.00 Foot of mesa to N. R. 50 ft.

79.88 To the lev. to Sec.

through R. 6E.

34 and 35. which is a
sandstone 16x10 ins. properly
marked and a mound
of stone alongside,
Surface rough
Soil 4th rate
Gran Fair

East on the S. Coy. of Sec. 35
7¹/₂ 14° E.

4002 To a point 8 lbs. N,
of the 44th Sec. line, which
is a Malpais rock
12x8 ins. properly marked
and a mound of
stone alongside.

55.00 Dry wash 25 lbs. with tea. S.
Acacia mesa

Retracing 4th Stand. Par. A.

Chairs

79.93

To the loc. to Secs. 35 and 36
 which is a sandstone
 8x7 ins. properly marked
 and a mound of
 stone alongside. From which
 a pinon tree is diam.
 br. N. 58° E. 15 lbs. dist-
 properly marked.

Surface rough

Soil 4th rate

Scattering cedar and pinon trees

E. on the S. Ry. of Sec. 36
 Va. 140 E.

20.50

Top of mesa 125 ft N. 15°
 thence over same.

40.00

To the 14 Sec. loc. which
 is sandstone 12x8 ins.

through R. 6 E.

Chains

properly marked and
a mound of stone
alongside.

7982 To the cor. to Tps. 17 N.
Rs. 6 and 7 E. which is a
malpais rock in place 20x15x
10 ins. above ground
properly marked and a
mound of stone alongside.

Surface rough and rolling mesa
Soil 2nd and 4th rate

Some grass

I carefully examined the
adjustments of my Solar
Transit to-day particularly
the Latitude and reversing
apparatus and found them correct
Apr. 14th, 1885

Retracing 4th Stand. Par. N.

Chains

From the Cor. to 7p.
17 N. Co. 6 and 7 E. just
described I ran East
on the e. oblique line
Ta. 14° E.

Descend into Beaver canon

Bottom of canon 250 ft ascend
Cor. S.

13.50

Leave canon 250 ft. Cor. S.

38.00

50.50

Melvin's rock ^{1416 ft} and mound of stone
properly marked 31. Up. S.

Surface mountainous
Soil 4th rate

Iron fair

Cast on test line

Ta. 14° E.

40.00

114 Sec. Cor. which is a

through R. 7 E.

Chains

Malpais rock 18x7 ins. and
mound of stone along side
Properly marked 550 lbs S.

80.00

Cor. to Sec. 33 & 34 which is
a malpais rock 12x8 ins.
properly marked and a
mound of stone alongside
8.00 Chs. S. of line

Surface rough
Soil 2nd. rate
Grass fair

Ent in test line

Ya. 14° E.

40.00

14 Sec. Cor. which is a malpais
rock 10x8 ins. properly marked
and a mound of stone
alongside - 10.75 Chs. S. of line.

Retracing 4th Stand. Per. A.

Chairs

80.00

Cor. to Secs. 34 & 35 which
is a malpais rock
14x5 ins. properly marked
and a mound of stone
along side. 13 Chs. S. of line
Surface rough & rolling
Soil 2nd. salt
Grass goods

East on test line
7a. 140 E.

40.00

114 Sec. Cor. which is a
Malpais rock 72x8 ins.
properly marked and a
mound of stone
along side 15.60 Chs. S. of line

80.00

Cor. to Secs. 35 and 36
which is a malpais

through A. 7 E.

Chairs

rock in place 24x14x12 ins.
above ground properly
marked and a mound
of stone alongside. 1840

11.11

Chs. S. of line
Surface rough
Soil 3rd. rate
Grass good

East on that line.

Va. 14° E.

4000

14 Su. lev. which is a
massive rock 14x8 ins.
properly marked and a
mound of stone
alongside. 20.25 Chs. S. of line

8000

The flow. to the 17 N. R. 7 & 8 E.
previously described

Retaining 4th. Stand. Par N.

Chains

Ly 23. Chains. S. of line
 Surface rough
 Soil 3rd. rate
 Good grass
 Down oak and cedar brush

April 15th, 1985

John C. Smith
 U.S. Geol. Surv.

Final Oath of U. S. Deputy Surveyor.

1 John C. Smith

United States Deputy Surveyor, do solemnly swear that in
pursuance of instructions received from Royal A.

Johnson U. S. Surveyor General for Ari-
zona bearing date of the 10th day of December

1884 I have well, faithfully, and truly, in my own proper
person and in strict conformity, with the instructions furnish-
ed by the U. S. Surveyor General for Arizona, the surveying
manual and the laws of the United States surveyed the

Exterior lines of Tps. 17 N. Rs. 5, 6, 7 and 8 E.

Tps. 18 N. Rs. 6, 7, 8 and 10 E. Tps. 19 N.

Rs. 6, 7, 9 and 10 E. and Tps. 20 N. R. 10 E.

Gila and Salt River

of the principal base and meridian in the Territory of Ari-
zona, as are represented in the foregoing fields notes as having
been surveyed by me and under my direction; and I do further
solemnly swear that all the corners of the said survey have been
established and perpetuated in strict accordance with the survey-
ing manual, printed instructions, the special written instruc-
tions of the U. S. Surveyor General for Arizona, and in the

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specific 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 C. Smith
U. S. Deputy Surveyor.

Subscribed and sworn to before me, this 20
day of April 1885.

R. J. Patterson
Notary Public.

LIST OF NAMES.

A List of the Names of Individuals employed by
John C. Smith U. S. Deputy Surveyor to
assist in running, measuring and marking the lines and
corners described in the foregoing Field Notes of the survey of
the Exterior lines of Tps. N. Rs. 5, 6, 7 and
S E. Tps. 18 N. Rs. 6, 7 and S E. Tps. 18
N. R 10 E. Tps. 19 N. Rs. 6, 7, 9 & 10 E.
and Tps. 20 N. R. 10 E.

Gila and Salt Rivers
of the [↑]principal base and meridian in the Territory of Arizona,
showing the respective capacities in which they acted.

Frank J. Handy chairman.

H. Middleton ..

George D. Ridmore axeman

J. P. Harrington ..

John A. Curtis Flagman

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 Final Oaths of Assistants.

We hereby certify that we assisted John C. Smith
 U. S. Deputy Surveyor, in surveying
 the Exterior lines of Tps. 17 N. R. 6
 S. 6. 7 and 8 E. Tps. 18 N. R. S. 6. 7 8 and 10 E
 Tps. 19 N. R. S. 6. 7. 9 and 10 E. and
 Tps. 20 N. R. 10 E.

Gila and Salt River

of the ~~principal~~ 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 es-
 tablished according to the instructions furnished by the U. S.
 Surveyor-General for Arizona.

Frank J. Naudy

H. Middleton

J. T. Harrington

Geo. D. Ridenour

John A. Curtis

Subscribed and sworn to before me this 20th

day of

April

1885

R. J. Patterson

Notary Public.

No. 1282

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U. S. Surveyor-General's Office,

TUCSON, A. T., June 21 1888

The foregoing Field Notes of the Surveys of
 Re-tracing of the 4th
 Standard Parallel North
 through Rgs 5, 6, and 7 E.

Gila and Salt River Meridian
 in Arizona executed by

John B. Smith
 U. S. Deputy Surveyor, under his contract dated
 Dec. 10th 1884.

having been critically examined, the necessary corrections and explanations made, the said Field Notes and the surveys they describe are hereby approved.

John Hise
 U. S. Surveyor-General
 for the Territory of Arizona.