

No. 1289 P¹

BOOK

See Index 1289

Field Notes

OF THE SURVEY OF

BOOK 1289

Retracing
3rd Standard North
through
Res. 22. 23. 27 and 28 E.

BOOK 1289

No. 1289

Gila and Salt River Base and Meridian

ARIZONA.

By *A. P. Johnson* D.S.

Under contract dated *July 17th* 1882.

Survey commenced *Nov 1st* 1882.

Survey completed *Nov. 20th* 1882.

	R2
32	33
32	34
	40

Completed
Indexed

1289

1A

BOOK 1289

Retracing 87 Standard
North through Rq. 23 E.

From Pq^s 1 — 15
through Rq 22 E. —
From Pq^s 16 — 29.

through R. 28

From Pq 30 — 41.

through R. 29.

From Pq 42 — 52

R. 22 E.

31	32	33	34	35	36
27	25	23	21	18	16

R. 23 E.

31	32	33	34	35	36
1	3	5	8	10	13

R. 27 E.

31	32	33	34	35	36
41	44	45	46	48	50

R. 28 E.

31	32	33	34	35	36
30	32	34	36	39	37
		40			

For description of instrument
and preliminary oaths see
Book E. p. 1.

Survey commenced Nov 12th 1889
Survey completed Nov 20th 1889

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BOOK 1289

Retracing 3rd Standard North

chs

From the Standard Con to
Sp's 13 N. R. 22 ^{and} 23 E.
which is

A Sandstone. properly marked
with mound of stone raised
along side. with 3 beds as
bearing trees.

I run
Easton S. Biry see 131

in 13. 45° E

Ascent gradually through timber.

18.80

Top of hill bears N. 20° W ^{and}
S. 20° E. + 300 ft high. ^{and} descend

35.60

Foot of bluff bears N. 22° E ^{and}
S 22° W.

40.35

Intersect. 73 lbs south fold
1/4 sec. con. which is

a Sandstone 80 + 24 + 4

through R. 23 E.

BOOK 1289

chs

Properly marked with a mound of stone alongside, & rebuilt same E-W of proper size.

Thence S $88^{\circ} 57'$ W. on a true line on South $6^{\circ} 19'$ see 31. same va.

40.35

The corner to Tps. 13 N.
R's 22nd & 23. E.

thence East on South
 $6^{\circ} 19'$ of see 31. from $1/4$ see
cor. same va.

8.00

Cross Dry wash 18 lks wide
to S. $10^{\circ} 22'$ E.

12.50

Cross Dry wash 15 lks wide
to N. $25'$ E.

40.36

Intersect 94 lks south of
old see cor. which is a
Post 4 ins square ^{and} 4 ft. long.
which I re-marked S. E. T. 13 N.

Retracing 3rd Standard North

ch's

R. 23 S on North. b. 32. on
E. and S. 31 on West face,
with 5 notches on E. and 1
notch on W. edge. from which
Juniper. bins beam bears 160° E
5.5 lbs dist. Marked T. 13 N. R.
23 R. S. 32 B. T.

Thence S. $88^{\circ} 39'$ N. on a true
line. on S. Bdy see 31.

To 14 See con.

Land Level.

Soil. 3rd rate

Timber. Dense Juniper

East on South Bdy see 32.

Va $13^{\circ} 42'$ E

Ascends abruptly

13.00 Top of Spur bvs N. 20° E and S. 20° N

through R. 23. E.

chs

and descends abruptly.

18.00 Foot of bluff. 470. ft. below
summit of hill brs N and S.

26.00 Ascends abruptly.

37.80 Top of bluff. 180 ft. above sag.
brs N. 2 1/2 S. and S. 2 1/2 N.40.45 Intersect. 113 lbs south of old ^{land} ~~see~~
see. cor. which is a cement
rock. 20 + 14 + 3 ins. properly
marked; with pits S and
N. of stone 5 1/2 ft. diam.
re. dug pits - ^{and re-built to}
ground to 25 of proper
size.Thence S. 88° 23' N. on a true
line on South & N. see

32. Same as

40.45 ^{Standard} ~~St.~~ cor to sees 31 and 32.Thence East
from 1/4 see cor on S. B. of

Retracing 37th Standard Parallel

chs

see 32. with same ca.

Descent gradually.

40.32 Intersect. 69 lbs south of old Standard
see con. to see 32 ^{and} 33.which is a Sandstone 30+6+4
into ^{properly marked} with pits dug ^{2 1/2} N. North
of stone 5 1/2 ft. dist, re-dug
pits ^{and} rebuilt mound to
be of proper size.Thence S 89° 1' N. on a true
line on S. B'ry see 32. with
same ca.42.32. ^{Standard} To N 1/4 see con

Land, very broken

Soil. 32nd mes.Terrain. *Desmodium*

East on S. B'ry see 33.

ca 10° 42' E

North through R. 23. E.

chs

Descend through timber

30.70 Descend bluff cross N. 2 1/4° E.
and S. 2 1/4° N.

3930 Cross wash 15 lbs mid: Co
N. 4° E.

40.15 Intersect 87 lbs south of old Standard

1/4 sec cor. which is a
post, 3 ft ^{3 in distance} ~~long~~ with pits
dug E and W of same, 5 ft dust
re-marked stake with 1/4 S.C.
on N. face. and re-dug pits
and re-built mound to proper
size

Thence S. 88° 45' W. on a true
line on South Biry see 33.
with same va.

40.15 To ^{old} Standard Cor to see.
32 and 33. ~~~~~

Thence East from 1/4 sec cor.
on S. Biry of see. 33. same va.

Retracing 3rd Standard Parallelch^o

5.00 Leave timber hrs N. and S. over flat country.

40.66. ~~Intersect.~~ 83 lks south of old Standard⁴⁴ see cor. to see's 33 and 34, which is a post, 4+4. in 4 ft. long, with file dug E. N and N. of post 6 1/2 ft. dist. and mound of earth around post. re Marked post S. 6. S. 13 N. R. 20 E. on N. S. 34 on E. and S. 35 on N faces, with 3 notches on E and W faces. re dug file and rebuilt mound, around stake, to be of proper size.

Thence I run S 88° 49' W on a true line on S. B. 104 see 33. with same re.

40.65. To ^{Standard} 1/4 see cor
Land broken
Soil; stony 3rd value

North through R. 23 E.

chs

Trunks, ~~Dead~~ Juniper

East. on S. Biry see 34
 Ra 13°. 42. E

Over level flat

7.50 Leave flat - hrs N. and S. and ascend

9.00 Enter trunks hrs N. and S.

33.59 Top of Hill hrs N. and S. 80 ft high

40.39 Intersect 97 lbs south of old. Standard
 $\frac{1}{4}$ sec con. which is a Sandstone

12 + 8 + 6 ins with pits 8 and N

of stone 5 ft - dist - and mid of
 earth along side, remarked

stone, re-dug, ^{pits} and re-built mound
 to be of proper size.

Thence I run S. 88°. 54' N. on
 a true line on S. Biry see
 34. with same ra

40.39 To Standard for 2 sec

Retracing 3rd Standard Parallel

chs.

23 and 34. 

Thence I run

East from 1/4 sec cor. with same
ca.2.00 Top of Spur bears N. 10' E. and S
10' W. 78 ft high. and descend

7.00 Ravine Co N.

21.80 Ascend gradually.

30.00 Spur bears N. 8 1/2° E. and S. 8° 30' W.
140 ft high. and descend40.40 Enclosed - 5-4 lb of old, standard
con to sec's 34 and 35; which is
a post 4 x 4 ins. 4 ft long with
pils - E. W. and N. of post 5 1/2 ft dist
and mound of earth around post;
re-marked post with S. C. T. 13 N.
L. 23. E. on N. S. 35 on E. and
S. 34 on N. faced. with 2 notches
on E. and 4 notches on N. ~~faces~~
from which

North through R 23 E.

chs

A Juniper 5 ins, stem bears
N. 30° E. 23 lbs dist. Marked
D. 13 N. R. 23 E. S. 35 - B. F.

A Juniper 8 ins stem bears
N. 70° W. 88 lbs dist. Marked
D. 13 N. R. 23 E. S. 34 B. F.

re-survey file - ^{was} or - built mounds
to be of proper size
Thence I run.

S. 89° 14' W. on a true line on
S. 13° 24' see 34 with same ra

40.40 To 14 see con.

Land Proctor.

Soil; Stony 3rd race

Timber. Dense Juniper

East on S 13° 42' E.

ca 13° 42' E.

19.00 Cross Ravine. Course N. 15° E.

Retracing 3rd Standard Parallel

chs-

30.70 Descent rocky bluff 100 ft. high.

40.43 Intersect 80 lbs south of old standard $\frac{1}{4}$ sec con. which is a sandstone 20 + 12 + 4 ins with pits dug 8th and N of stone 5 $\frac{1}{2}$ ft. diam. and ms of earth along side. re-marked stone with $\frac{1}{4}$ on N. ^{face} ~~side~~. re-dug pits and rebuilt mound to be of proper size.

Thence ^{from} S. 88° 51' Non true line on south boundary. sec. 35. same co.

40.43 To Standard - cor. to sec 34 ^{and} 35.

Thence I run back from $\frac{1}{4}$ sec con. on S. B by sec 35-

18.00 Summit of ridge bears N. 32° W 230 ft. high. ^{and} descent

North through L. 23 S.

chs

23.50 Leave timber
 40.30 Intersect 93 lks South of old
 standard see con; which is
 a Sandstone 14+12+6 ins
 with file dug E W and N. of stone
 5 1/2 ft. dist. and ms of earth
 alongside. re. marked stone
 S. E. with 1 notch on E.
 and 6 notches on N. edges,
 re-dug file and rebuilt mound
 to proper size.
 Thence. I run S. 88° 40' W on
 a true line on S. Pine see
 35; same ra

40.30 To #4 Standard ^{1/4} see con
 Land. Rollins
 Soil; 3% rule
 Timber Juniper.

Retracing 3rd Standard Parallel

chs

- East on S. B^{ry} see ab.
 Ja 13° 42' E
- 6.15 Cross creek Co. N. 75° W. 12 lbs
 mile
- 9.00 Enter timber Co. N. and S.
- 11.00 Cross Ravine Co. - N. 25° W.
- 23.00 Ascend abruptly.
- 35.00 Summit of ridge bears N. 45° W.
 and S. 45° E.
- 40.20 Intersect 75 lbs south of old.
 Standard 1/4 sec con. which is
 a sandstone 12+12+8 ins. with
 pits - dug E and W. of stone 5 1/2
 ft dist. and mound of earth-
 raised along ridge, marked with
 N/4 on N. face. re-dug pits
 and re-built mound. to be of
 the proper size. —————
 Thence run
 S 88° 5' 6" W. on a true line on

North through R. 23. E.

ch.

the south boundary. see 36.
with same ra.

40.20 T. 44 Standard see con

Phence Iron
Standard
East. from $\frac{1}{4}$ see con
on S. R₂₃ see. 36 with same
ra.

75⁰⁰ Lead timber brs N. and S.

9.00 Enter timber,, N. and S.

13.00 Top spur brs N. 10° W. and S. 10° E.
and descend.

25⁰⁰ Cross Ravine 150 lbs and 8
to N. 60° W. and ascend.

38.00 Summit 80 ft high bars
N. 40° W. and S. 40° E. and descend

40.57 Enter 100th South of old
Standard cor to T₄₅ N.
R₂₃ and 24 E. which is
A volcanic Stone, properly
marked with mound of stone

Retracing 3rd Standard Parallel North
 chs Through R. 23. E.

alongside.

^{true} Phency \odot $88^{\circ} 34' W.$ on true
 line on South boundary see
 36. same ca.

40.57 To 74 Standard $\frac{1}{2}$ sec cor.
 Land broken
 Soil. Stony \odot ruler
 Timber Juniper
 Nov. 1st 1882.

Retracing 3rd Standard Parallel North
 dis through P. 22, E.

From ^{Standard} corner to T^o 13 N. R^{gs}
 22 ^{and} 23 E. which is a
 Sandstone properly marked
 with 2 Cactas as witness
 trees.

I run

West on South Boundary
 see 26. Va $13^{\circ}45'$ E.

Ascend.

1.40 Top of cap bis N $12^{\circ}E$. ^{and}
 Ascend.

13.50 Cross Dry wash. 10 lbs mile
 S $6^{\circ}4'E$. ^{and} ascend.

40.23 Intersect 28 lbs N. of the ~~17~~
 Standard ^{see} con. which is
 a Sandstone. 30 + 24 + 4 vis.

Retracing 3rd Standard Parallel North

chs

with mound of stone along side
 re-marked stone with $1/4$ S. C. on
 N. face, and re-built mound
 of stone. Thence down
 $N. 89^{\circ} 36' E.$ on a true line
 in South $1/4$ sec 26. with
 same va.

40.23 The standard cor to Tps. 13 N.
 R. 22nd and 23rd E.

Thence run west from $1/4$
 sec cor. on S. $1/4$ sec 26.
 same va.

21.78 Top of Spur bears N and S and

40.46 Intersect 19 lks North of old
 standard corner & sees 35^{and} 36.
 which is a post 4×4 ins. 4 ft-
 long, with pits 2×4 E. W. ^{and} N. of
 post $5 \frac{1}{2}$ ft dist. and mound
 of earth raised around same

through R. 22. E.

chs

re-marked post S. 6. T. 13 N
 R. 22 E. on N. S. 36. ⁱⁿ east
 and see, 35-on W. faces with
 1 notch on E. and 6 notches
 on W. faces re-dug pits
 and re-built mound of earth
 to top of proper size, run
 Thence I run
 S. 8 9' 44" E on a true line
 to south bdy see. 36
 same va.

40. 46 To ~~the~~ Standard ^{see} see con.
 Land. Rolling
 Soil. 3rd rate
 Timber Dense juniper

West on S. Bdy see 35.

to 13° 20' E.

40. 47 Intersect 25-lks North of Standard

Retracing 3rd Standard Parallel North

ch's

1/4 sec cor. which is a post 4.
 + 4 ins. 4 ft long, with pits
 dug E and W. of post 5 1/2 ft.
 east and ground of east raised
 around post. reestablished
 corner. by marking post-
~~4~~ S. C. over ~~S. face~~
 and rebuilding ground and re-
 -digging pits to the
 proper size. Thence Iron
 N. 89° 39' E. on a true line
 on S. Boundary see 25: with
 same va

46.47 To Standard Cor to see's 35^{and}
 36. ~~~~~

Thence west from 1/4 sec cor
 on S. Bdry see 36: same va

23.70 Lead table Land and Record.

31.00 Cross 20th mark 15 lbs ride
 Co S. 17 1/2° E.

through R 22 E.

chs

40.30 Intersect 16 lbs North old
 Standard see cor. which is
 a Sandstone 36+14+4 in mlt.
 unit stone along side.
 re-marked stone S.C. with
 2 notches on E ^{and} 4 notches
 on W. Edged. re- dug pits
^{and} re-built mound of
 earth to be of the proper sigs.
 Three Iron
 N 89° 47' E. on a true line
 on S. Boundary of see 35.
 same re.

40.20 T. ~~#~~ Standard ¹⁴ see cor
 Lands broken
 Soil: Stony & gravel.
 Timber: Dense Juniper

Retracing 3^{rd} . Standard Parallel

chs

- West on ^{road} S. Boundary sec 3 & 4 ^{1/2}
 Va $13^{\circ} 15' E$
- .40 Low Sag bears N. $15^{\circ} W$ and S. $15^{\circ} E$.
 and ascend.
- 16:00 Top of Spur 128 ft. high bears
 N. $45^{\circ} W$. and descend
- 19:00 Cross Sag 175 ft. high bears S. $60^{\circ} E$.
 and ascend.
- 28:00 Summit of ridge and descend.
 (200) ft. high.
- 33:00 Leave foot of bluff. 200 ft.
 high. and over rolling prairie
- 40:50 Intersect 30 lbs South of old
 standard 4 sec cor. which is
 a Sandstone 15710 + 4 in.
 with dip 6° and N. and mound
 of earth raised along dip
 re-marked along with 4^{th} S. Cor
 N. face. re dug pits and
 re-built mound. to be of

North through R. 22 E.

chs

the proper size Thence
 Iron. S. 89° 34' E. on a true
 line on S. Biry. of sec 34. (EN)

40:50 To the Standard cor. to sees
 34. ^{and} 35: ~~~~~

Thence Iron. west from stand

1/4 sec. cor. on S. B. sec. 34,
 with same ^{mark}

40:29 Intersect 36 lbs south of the
 old Standard sec. cor. to sees
 33. ^{and} 34. which is a post
 4 + 4 ins. 4 ft. long, with
 pit dug 8 in. ^{and} north of post
 6 1/2 ft. dist. and mound of
 earth raised around post.

Re-marked stakes with S. C.

S. 13 N. R. 23 E. on N. face
 see 24 on the East, and
 see 33 on N. face, with
 a rock on S. ^{and} west
 faces, re-dug pits and re-

Retracing 3rd Standard Parallel.

chs

built ^{mound} to be of the proper
size. Thence I run

S. 88° 59' E on a true line on
south ^{of Standard} line see 34. same ca.

34 see con.

Land Broken ^{and} Mountainous
Soil, 3rd rate.

Timber, Dense Juniper

West on South Biny see 33.

Ca 13° 30' E.

25:00 Leave timber N.E. and S.W.

40:30 Intersect 14 lbs North of old

14 Standard ^{see con.}

which is a post 4 x 4 ins

4 ft long with pits on

E and W. of post 3 1/2 ft dist.

and mound of earth around

post. remarked post 14.

North through R. 22 E.

chs

S. C. on N. face, re dug
pits and re-built mound
to be of proper size.

Thence I run,

N. 89° 48' E on a true line

on S. Bury see, 33. same run

40.30 To the Standard cor. to sees
33 and 34. ~~~~~

Thence I run, west from
Stand 1/4 see cor on S. Bury see
33, same run

20.00 Enter flat bet N. and S.

40.40 Intersect. 8 lks N. of old.

Standard see. cor. which is
a Post, 4x4 vis 4 ft long,

with pits dug. E. W. and N. of

Post, 5 1/2 ft. dist; and mound
of earth around same.

re-marked Post S. C. T. 13 N.

R. 22 E. on N. S. 33 on E.

Retracing 8th Standard Parallel.

chs.

and S. 32 on W. fence, re-dug
pits and re-built to h of
proper size.

Thence Run N. $89^{\circ}03'$ on
a true line on S. Binysee
33. same ca.

40.40 To 14 Standard see cor.
Land rolling
Soil 2nd rate good grass.
Timber Juniper.

Nest on S. Binysee 32

Pa $13^{\circ}30'$ E.

10.00 Scarv flat bare N W and S. E.
and ascend.

40.16 Interest 20 lbs North of old
Standard 14 see cor. which is
a post. 4 + 4 + this 4 ft long
with pits dug E and W of post.

North through R. 22 E.

chs

and mound of earth around same. Dr - marked post. $4\frac{1}{2}$ ft
 6" on N. face. re - dug pit
 and rebuilt mound to proper
 size. Thence down
 N $89^{\circ} 43' E$ on a true line
 on S. Boundary of sec
 32, same va,

40.16 To the Standard cor to sec
 32 and 33.

Thence down West from 14
 sec. cor. same va,

20:75 Top of low spur 50 ft high.
 and descent.

40 62 Intersect - 7 lks North of old
 standard sec cor. to sec
 31 and 32. which is a post -
 4 + 4 in 4 ft. long. with
 pits dug E. W and N. of post.
 5 1/2 ft. dist. and mound

Retracing 3rd Standard

chs

around same. re-marked
 post- S. C. T. 13 N. R. 22 E. on
 N. S. 32. on E. and S. 21. on
 W. faces. with 5 notches on E.
 and one notch on N. edges.
 re-surveyed and re-built mound
 to be of proper size.

Thence I run N 89° 34' E on
 a true line on S. 13 by see

32. same re-

Standard

40.60

To 14 see con.

Land; rolling.

Soil; 2nd rate good grass
 Timber. Juniper.

West on S 13 by see 31

to 13° 21' E.

Over rolling land.

40.47 Intersect 15' lks N. of old standard

Paracel North through R. 22. E.

9hs

14 see cor. which is a post-
 4 to 4 ins 4 ft. in length,
 with pits S ^{and N.} of post-
 3 1/2 ft. dist. and mound
 around post, re-marked
 post 14 S. 6 1/4 ^{on N. face} re-dug pits
 and re-built mound
 to be proper size.

Thence run

N. 89° 47' E. on a true line on
 South Biry see. 31.

40.47 To Standard cor to see's

31 ^{and} 32. ~~~~~

Thence run west from 14

see cor. on S Biry see 31.

same va.

40.26 Intersect 20 lbs north of
 old standard of Cor. to Sp. 13.71
 R. 21 ^{and} 22 E.
 which is a granite rock
 18+8+6 ins, with pits dug

Retracing 3rd Standard Parallel
 chs through R. 2 & E.

E. N. ^{and} N. of stone 6 ft dist.
 and mound of earth alongside.
 re-marked Stone with S. C. and
 6 notches on E. N. ^{and} N.
 edges. re-dug pits and re-
 built mound to be of the
 proper size.

40.26 Thence I run N. 89° 34' E. on a
 line ^{line} or S. Biting see 31, ^{Sanera}
 To Standard 74 see con.

Land. Rolling.

Soil, ^{3rd rate} Good grass.

Timber Juniper
 I carefully examined the
 adjustments of my solar
 compass to day; particularly
 the Latitude & ^{and} ~~reversing~~
 apparatus and found them
 correct

Nov. 7th 1882.

North through R. 28 E.

chs

From the Standard cor to
 Sp's 13 N. R. 28²⁷ and 28 E. on
 3rd Standard N. which is,
 a Cedar post. 4x4 ins. 4
 ft. long. with pits dug
 N^W and N. of post. 6 ft dist. and
 mounds of earth around post;
 I re-established corner. by marking
 post. S. E. T. 13 N. on N. R. 28
 E. S. 31 on E. and R. 27 E. S. 36
 on N. face with six notches
 on E. N^W and N. edges. re-dug
 pits and re-built mounds to
 be of proper size. I ran
 East. on S. 8th see 31.

N. 149.08' E.

Descending.

40. 60 Intersect. 110 lbs S of old Standard

Retracing 3rd Standard Parallel

chs

1/4 sec cor. which is
 a Sandstone 14+12+10 ins.
 with mound stone along side
 re-marked stone 74 S. E. ^{1/4 on face} and
 re-built mound 25 or of
 proper size. Thence Down
 S. 88° 26' W. on a true line
 or S. Bdry see 31. same as

40.60

To Standard Cor. to Tps 13 N.
 R. 3 27 and 28 E. ~~~~~

Thence Down east from
 on S. Bdry see 31.
 1/4 sec cor. same as

39.86

Intersect 186 lbs south of
 old Standard cor to sec
 31. and 32. which is a Sandstone
 12+10+6 ins with pits dug
 E. W. and N. of stone 5 1/2 ft.
 dist. and mound of earth
 along side. re-marked
 stone S. E. with 1 notch on

North through R. 28 E.

chs

N. 400 b-notatus on E.
edges. 78-dug pits and
or built mound to be of
proper - sig 8.

Thence I run $S 87^{\circ} 21' N$. on
on a true line on S. Biny
see 31. same run

39.86 To Standard $1/4$ sec cor
Land. Rolling
Soil; \overline{S} run good grass
Pines, \overline{D} some Cedar.

East on S. Biny see 32
ca $14^{\circ} 08' E$

Descend gradually.

40.00 Unable to find old $1/4$ sec
cor. Set temporary $1/4$ sec cor
From temporary $1/4$ sec cor
I run East on S. Biny see 32. same run

Retracing 2nd Standard Parallel

chs

- 80.70 Intersect 150 lbs south of
 off. Standard sec cor. which
 is. a Post- 4+4 ins 4 ft in
 length; with pits dug E. W. ^{and}
 N. of post 5 1/2 ft. dia. and
 mounds of earth around same.
 re-marked post. S. C. T. 13 N.
 R. 28 E. on N. S. 33 on E. ^{and} S.
 32. on W. faces with 2 notches
 on N. ^{and} 4 notches on E. edges
 re-dug pits and re-built
 corners to top of proper size.
 Thence run
 S. 88° 56' N. on a true line on S.
 Ridge see 32. same ca
- 40.35 Set a Sandstone 10 x 10 x 8 in
 6 ins in the ground for 1/4 sec
 marked X4 S. C. 14 on N. face
 dug pits 18 x 18 x 12 ins E. ^{and}
 W. of stone 5 1/2 ft dia. and

North through R. 28 E.

chs

and raised a mound of earth
1 1/2 ft-high 3 1/2 ft. base along side

80.70

To Standard cor to see's 31 and

32.

Land Hilly.

Soil: 2nd rate good grass

Timber Cedar

East on S. B'sy see 33.

In 14° 8' E.

Over rolling land.

38.60

cross Springville Road
one 7th and S.

40.00

Unable to find rd corner. I set
a temporary 1/4 sec cor.

80.43

Intersect 31 lks south of old
Standard cor to see's 33 and 34
which is a Sandstone 15+12
+6. with mound of stone

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Retracing 3rd Standard Parallel
ch

alongside re-marked stone S.C.
with 3 notches on E. ^{and} W edges
and rebuilt mound.

Thence Iron

S 89° 47' N on a true line on
South boundary see 33.
with same cor

40.29 Set a sandstone 14 x 10 x 10 in
9 in in the ground for Standard
14 see cor. marked ~~the~~ S.C. 14
on N. face. dug pits 18 x 18 x 12
in E. W. ^{and} N. of stone 3 1/2 ft.
dist. and raised an mound
of earth - 1 1/2 ft. high 3 1/2 ft.
base alongside.

80.43 To the Standard cor to sees
32. ^{and} 33.

Sand Hills.

Soil. 2nd row - good grass

North through R. 28 E.

chs

East on S. B. 24 sec 34.

2a 14° 8' E.

40.50

Intersect - 6' 3" chs south of
old ^{Standard} 114 sec cor. which is
a Sandstone 13710 + 7 ins with
rid of stone along side

re-marked stone 74 S. 6 1/4 ^{on 71 face}

re-dug pits and re-built
mound to be of proper
size. Thence I run

S. 89° 15' W. on a true line
on S. B. 24 sec 34.

40.50

To the Standard Cor. W. sec
33 ^{and} 34.

Thence I run East on a
random line from 114 sec cor
same va.

Finding no corners I set tem-
-porary half-mile and mile
corners at each 40 ^{and} 80 chs

Retracing 3rd Standard Parallel

chs

S 89° 15' N. on a true line on
S. Btry sec. 35 -

Pa 14° 08' E.

40.00

Set a post 3 ft. long 3 ins. diam ^{with marked} stone, 12 ins. in the ground for ^{Standard} Sec. 35, marked ^{sl} 1/4 Sec N. face, dug pits 18 x 18 x 12 ins. E and W. of post 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high. 3 1/2 ft. base. around post.

80.00

Set a Post 4 ft long. 4 ins diam with marked stone 12 ins in the ground for the Standard Cor to sec's 34 and 35. marked S. E T. 13 N. R. 28 E. on N. S. 35 - on E. and S. 34 on W. face with 4 notches on W. and 2 notches on E. face. dug pits 18 + 18 + 12 ins E. and W. of post 5 1/2 ft. dist. and raised a mound of earth.

North through R. 28. E.

chs

2 ft. high $4\frac{1}{2}$ ft. base
round post. from which
A cedar 12 in diam bears $N 61^{\circ} E$.

2.13 chs dist. marked, P. 13

N. R. 28 E. S. 35. B. T.

Chavez's House br's N. $61^{\circ} 20' E$.

220 lks from cor.

Land Level

Soil: 2nd rate good grass

Timber - Scattering cedar

South $89^{\circ} 15' N$. on a true line
on S. B. in sec 34. Va $14^{\circ} 08' E$.

6.60 Colorado Chiquito 50 lks mid
Course N.

40.00 To Standard 14 sec cor. from which
I started
Land Level.

Soil. 2nd rate good grass

Timber, Scattering cedar

Retracing 3rd Standard Parallel
chs through R. 28 E.

I carefully examined the
adjustments of my solar
compass to day particulars
the Latitude and reversing
aparatus ^{and} found them
correct.

Nov. 17th 1882.

Through R. 27. E.

From the ^{Standard,} por. to Gps 13 N. R's
26. ^{and} 27. E. which is.

A Post. properly marked with
and notched, with mound of
earth raised around post.

I retrace East on S B's 1/2

North through R. 27 E.

chs

of see 31.

To 13° 30' E.

Ascend Gradually.

30.00 Top of low spur hrs N. and S.
and descend gradually.

40.09. Interest 80 lbs South of
^{Standard} old 1/4 sec cor. which is
a Sandstone 10+8+6 ins
marked N. S. Cotton N. face
and pits dug E. and W. of
stone ^{and} mid raised along ²⁰
re-set-stone, re-dug pits
and re-built mound to
proper size. The return
course will be S. 89° 43' W.

Thence Down East on S. Road
see 31

80.15 Interest 48 lbs south of old
Standard cor. 20-see's 31 ^{and 32}
which is a post. 4+4+4 ft long.

Retracing 3rd Standard Parallel

Chs

with marked stone 12 ins in
 the ground for Standard Cor. to
 sec's 31^{and} 32. marked. S. E. S.
 13 N. R. 27 E. on N. faces, S. 32
 on E. ^{and} S. 31 on N. faces. with
 1 notch on N. ^{and} 5 notches on E.
 Edges. dug pits 18 + 18 + 12 ins
 E. W. ^{and} N. of post 5 1/2 ft dist.
 and raised a mound of earth -
 2 ft high 4 1/2 ft base around
 post. Return course for 1 mile S 89° 33' W
 Surface, Rolling.

Soil, 2nd val. good grass
 Timber. Scattering Cedar.

As this gives an angle of N. 89° 33' E.
 for the last mile. I continue retracing
 this Standard on said angle

North through R. 27 E.

chs

North 89° 35' E. on S. B. sec 32

to 13° 30' E.

- 30.00 Top of spur bis N. and S. and descends
- 40.00 Intersect at old Staircase ¹⁴ sec
cor. which is a Sandstone
20 + 16 + 10 is properly marked
with pits dug E. & W. of stone
and mound of earth along pits
re-dug pits and re-built mound
to be of proper size.
- 41.00 Sag 120 lbs rise to N. and ascend
- 47.00 Top of spur bis N. and S. and
descend. gradually.
- 80.12 Intersect 8 lbs N. of old Stair-
-case cor. which is a
post. 4 ft. long. 4 in square.
in mound of stone. re-marked
stage S. C. T. 13 N. R. 27 E. on
N. S. 33. on E. and S. 32 on N. face
with 3 notches on E. and N. faces.

Retracing 8th Standard Parcel.

chs

re-built mound around
post.

Land. Rolling.

Soil; 2nd rate good grazing.

Timber. none

North 89° 33' E. on S. 1/4 sec 33 -
Ta 13° 30' E.

Over rolling surface

40.05

Intersect 6 lbs South of old
standard 1/4 sec cor. which
is a juniper post. 4 ft. ^{long} 4 in
square with pits dug E ^{and} W. and
mound of earth raised around
same. re-marked post 1/4 S.E.
on N. face, re-dug pits ^{and}
re-built mound round post
& to be of proper size.

70.00

Cross Sec 60 lbs with 2 lbs N

North through R 27 E.

chs

and ascent gradually.

78.00 Enter scattering Juniper
timber bis N and S.80.12 Intersect 8 lks N. of old
Standard Co. st. sec 33
and 34. which is a Juniper post
4 ft - 4 ins square. with pits
dug E and W. of post and
mound of earth raised around
same. re-marked post 4x
S. E. 1/4 on N. face - dug pits
and re-built mound to be
of proper size.

Land Rolling

Soil, 2nd sale good grazing

Timber. none.

N. 8 9.33: E. on S. B. by sec 34

to 13:30: E

Retracing 3rd Standard Parallel
chs

- Ascend gradually.
- 15.60 Top of low spur brs N. 50° E. and S.
50° W. and descend
- 32.30 Cross Dry wash Co N. 15° E. and ascend
- 37.59 Cross Camp Apache Road
brs N. 30° E. and S. 30° W.
- 40.10 Intersect - 6 lks south of old
74 Standard $\frac{1}{2}$ ea cor. which
is a Sandstone 14+12+8 in
with pits dug E. and W. of stone
5 1/2 ft. dist. and mound of
earth raised along side
re-marked stone 174 S. 6. 1/2 ^{on n face} today
pits and re-built mound to
be of proper size.
- 46.00 Top of low spur brs N. and S.
and descend.
- 56.26 Cross Dry wash Co. north.
and ascend.

North through R. 27. E.

chs

20.12 Inlised - at old Standard
207 to see is 34^{and} 35: which is
a Flint. Rock. 14+8+6 ins. with
pits dug. E.W. and N. of stone
5 1/2 ft. dist. and mound of
earth raised along side
re-marked stone S.E. with
4 notches on N. and 2 notches on
E. edges, re-dug pits and
re-built mound to be of proper
size.

Laid. Rolling

Soil 2nd rule. good grazing

Turner

North 89° 35' E. on S. B. by 22 35-

to 13° 20' E.

Ascend

20.00

Top of low spur bet N. and S. and

Retracing 3rd Standard Parallel
chis

- descend
- 40.00 Intersect 3 lks South of old Standard 74 sec cor. which is a post. 4 ft. long 4 in square with pits dug E^{and} W of post 5 1/2 ft. dist and mound of Earth raised around same Re-marked post. ~~74~~ S. E. 1/4 on N. face. re-dug pits and re-built mound to proper size.
- 56.20 Cross Dry wash to N. 10° E. and descend.
- 60.00 Top of low spur to N^{and} S. and descend.
- 68.50 Cross Gulch 70 lks west cor N. and ascend
- 80.15 Intersect 12 lks North of old Standard cor to sec's 35^{and} 36 which is a post 4 ft. long.

North through R. 27. E.

chrs

4 in square marked S. C.
 T. 13 N. R. 27 E. on N. S. 36
 on E. and S. 35 on N faces
 with 5 notches on N. and
 on notch on E. faces.
 re-dug pits and re-built mound
 to top of proper size
 Surface broken
 Soil; soil rare
 Timber. Scattering Juniper

N. 89° 33' E. on S. 36 see 26
 Va 13° 30' E

Ascend

6:00

Top of low spur bet N. and S.
 and descend

12:00

Cross Gulch to N. and ascend

23:00

Top of Spur bet N. and S. and
 descend

Retracing 3rd Standard Parallel

chs

- | | |
|-------|---|
| 27.00 | Cross wash brs N. 20° W. and ascend |
| 32.00 | Top of spur brs N ^{and} S. and descend |
| 37.00 | Cross wash Co. N. ^{and} ascend |
| 40.10 | Intersect 14 lbs North of old
1/4 ^{which is a post-4 ft long, 4 in square} Standard see cor marked
1/4 S. E. on N face with pits dug S ^{and} W. and mound of earth raised around post. re-dug pits ^{and} re-built mound around post. to be of proper size. |
| 74.50 | Top of spur brs N. W ^{and} S. E. ^{and} descend |
| 80.16 | To Standard cor by Tps 13 N. Rgs 27 ^{and} 28. S., recently re-established by me.
Land Broken ^{and} rough soil. 5 th sale.
Timber. Scattering Junipers |

North through R. 27. E.

epo

I carefully examined
the adjustments of my solar
compass to very particularly
the Latitude and reversing
apparatus and found them
correct.

Nov. 20th, 1882.

FOR FINAL CATHS
SEE BOOK NO. 18.

U. S. Surveyor General's Office,

Tucson, Arizona, *November 10,* 188*3,*

The foregoing Field Notes of the Survey of the

Retracing
3rd Standard North
through Ranges
27, 23, 24 and 28 E,

Of the Gila and Salt River Base and Meridian, Arizona, execu-

ted by

A. P. Johnson

Deputy Surveyor, under his contract of the

day of *July*, 188*2,* 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.