BOOKNOOD Deputy Surveyor. Gila and Salt River Meridian. No.500 BOOK THE SUBDIVISION LINES OF Township 247, Range Gila and Salt River Meridian. Deputy Surveyor. Under his Contract of Survey Commenced Survey Completed

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Township No. 2// NRange No. Meridian. BOOK 500 Black Hill 12

TOWNSHIP PLOT

Meridian Line,

Base Line,

Standard Line,

Township Lines,

Section Lines,

Meander Lines,

Office Work.

No 500 BOOK 500

1.9. Johnson Deputy Surveyor.

24 Mach R. 18 Gart

Gila and Salt ver Meridian.

FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 2477, Range 186;

Gila and Salt River Meridian.

A. H Johnson Deputy Surveyor.

Under his Contract of Aug 5 188 2

Survey Commenced Fly. 10, 1888.
Survey Completed Feb. 17, 1888.

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BOOK 500 Township Range... Meridian. For Preliminary Opths Survey made with Burt's Patent Improved | Solar Compass, nearly new, and in first rate order. Made of Carsel

Township page.) 500 BOOK 24 n, Range Gila and Salt River Meridian. previously set by me. Chains From the corner to Sections 35, 36, 1 and 2 on the South boundary, I run, North, between Sections 35 and 36 Variation Ascend. Top of round Stitle and descend. 40.00 Set a Gasalt stone 16 x 8 x 4 ins., 11 ins. in the ground, for & Sec. Cor., marked & on face, and raised a mound of stone alongside. Pits empracticable. 80.00 Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 25-26-35-36 marked T24MS. 25 , on N, E, R, 186, S. 36 on S, E, S, 35 on S, W, and S, 26 on N, W, face with / notch on S, and / notch on E, edges, áug pits 18 x 18 x 12 ins, in each Sec,, 51 ft, dist,, and raised a mound of earth 2 ft, high, 4 & ft, base around post. Vegetation, Bunchqueso.

BOOK 500 24 77, Range

Township.

Gila and Salt River Meridian.

East, on a random line between Sections 25 and 36. Chains East. Variation Ascend Set temporary \ Sec. Cor. 40.00 79.92 Intersect 6. B. of Tp. 32 1kg. With of cor. to secs.
25-30-31-36 from which corner, I run NSY 46 Non a true line, between sections 25 - 36 Variation 13° 30' East. 39.96 Set a post 3 ft. long. 3 ins. diam. with marked stone 12 ins. in the ground, for 1 Sec. Cor., marked 1 S. on N. face, dug pits, 18 x 18 x 12 ins., 6. and N. of post 5\ ft. dist., and raised a mound of earth 1\ ft. high, 31 ft. base around post. 79.92 The corner to sections 25 - 26 - 35 - 136. Land rolling.

Vegetation, Bunchgross.

Township 2477, Range 186. Gila and Salt River Meridian. Chains North, between Sections 25 and 26. Variation 1340' East. Desgend. 10.00 Center Juniper tumber. 11.00 Gross Wash, 25 Ths. wide, Course West and ascend. 40.00 Set a Cavalt stone 4 8 x 6 ins., 9 ins. in the ground, for & Sec. Cor., marked & on / face, dug pits 18 x 18 x 12 ins., Mand V. of stone 53 ft. dist., and raised a mound of earth 11 ft. high, 31 ft. base alongside. Top of Sulte and descend. 65,00 Set a Sasalt stone / 6x/0 x 8 ins. 1/ins. in 80.00 the ground for Cor. to Secs. 23-24-25-26 marked

with 2 notches on S. and Inotch on E. edges and

raised a mound of stone alongside. Pits impracticable.

Land rolling.

Soil 374

BOOK 500

Vegetation Sunchgruss.

24%, BOOK 500 18 &.

Gila and Salt River Meridian.

East, on a random line between Sections 24 and 25. Chains Variation 13°30' East. Ascend. and descend. 20.00 Top of 40.00 Set temporary & Sec. Cor. 50.61 Cross Wash, 10 1ks. wide, Cours South and ascend. 80.30 Intersect 6. B. of Tp. 26 1ks South of cor. to secs.

19-24-25-30 from which corner, I run J.89 49 Non a true line, between sections 24-25. Variation 13 20' East. 40. 15 Set a post 3 ft. long. 3 ins. diam. with marked stone 12 ins. in the ground, for \ Sec. Cor., marked \ S. on M. face, dug pits, 18 x 18 x 12 ins., & and M. of post 51 ft. dist., and raised a mound of earth 13 ft. high, 31 ft. base around post. 80.30 The corner to sections 23-24-25-26. Land rolling Soil 3rd rate Vegetation, Bunchgrass.

Gila and Salt River Meridian.

Chains

North, between Sections 23 and 24.

Variation

Descend.

Basalt stone 16x8 x6 ins., 11 Set a ins. in the ground, for & Sec. Cor., marked & on V. face, and raised a mound of stone. alongside. Pits impracticable.

80.00

Lava stone 14x 8 x 4 ins. 9 ins. in the ground for Cor. to Secs 13-14-23-2 I marked with Inotches on S. and I notch on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 51 ft. dist. and raised a mound of earth 2 ft. high, 41 ft. base. alongside.

Land rolling.

Soil Bra rate Vegetation, Bunchgruss.

24 n.

Gila and Salt River Meridian.

Chains East, on a random line between Sections 13 and 24. 13°30' East. Variation Descend. 11.00 Cross Wash, 20 1ks. wide, Course 1.76 / And ascend. 40.00 · Set temporary 1 Sec. Cor. \$0.15 Intersect 6. B. of Tp. 38 1ks. South cor. to secs. 13-18-19-2 From which corner, I run J.89 44 Non a true line, between sections 13 - 24. Variation 13°20' East. 40.08 Set a post 3 ft. long. 3 ins. diam, with marked stone 12 ins. in the ground, for & Sec. Cor., marked & S. on V. face, dug pits, 18 x 18 x 12 ins., G. and V. of post 51 ft. dist., and raised a mound of earth 11 ft. high, 31 ft. base around post. 80, 15 The corner to sections 13-14-23-24. Land rolling. Soil 3rd rate Veyetation, Bunchynaso.

Gila and Salt River Meridian.

Chains

North, between Sections 13 and 14.

Variation 13°30 East.

Descend.

20. 1 6 Cross Wash, 10 lks. wide, Course M. Wand ascend.

110.00 Set a post 3 ft. long. 3 ins. diam, with marked stone 12 ins. in the ground, for & Sec. Cor., marked & S. on

face, dug pits, 18 x 18 x 12 ins., Nand of post 51 ft. dist., and raised a mound of earth 11 ft.

high, 31 ft. base around post.

FO. UU Deposited a marked stone, 12 ins. in the ground, for cor. to secs. //- 12-13-14, dug pits 18x18x12 ins. in each sec. 51 ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft: long, 12 ins; in the ground, marked T247, S. 12 on N. E. R. 86. S. 13 on S. E. S. 14 on S. W and S. // on N. W faces, with 4 notches on S. and I notch on E. edges.

> Land rolling.

Vegetation Bunchgrass.

BOOK 500

Township

24 n., Range 186.,

Gila and Salt River Meridian.

Chains

East, on a random line between Sections 12 and 13.

Variation

13°20' East.

Descend.

22.00 Cross Wash, 20 Uks. wide, Course New Yad ascend.

40.00 Set temporary & Sec. Cor.

Fo. 23 Intersect G. B. of Tp. Yuk Month of cor. to secs.

previously of hy me.

7-12-13-18 from which corner, I run

M. 89°53/Non a true line, between sections 12-13.

Variation 13°20' East.

40.12 Set a Savalt stone 14x 9 x3 ins., 9 ins.

in the ground, for & Sec. Cor., marked & on N face,
dug pits 18 x 18 x 12 ins., 6 and N. of stone 5\frac{1}{2}

ft. dist., and raised a mound of earth 1\frac{1}{2} ft. high, 3\frac{1}{4}

ft. base alongside.

Fo. 23 The corner to sections 11-12-13-14.

Land rolling.

Soil 3rd rate Vegetation, Bunchgrass. Township 24 Pr., BOOK 500
Range
Gila and Salt River Meridian.

North, between Sections 11 and 12. Chains Variation 13° 20' Over rolling land. 11. 20 Cross Wash, 24 Iks. wide, Course 7.70 Kind ascend. 40.00 Set a June stone 14x 10x 4ns. 9 ins. in the ground, for & Sec. Cor., marked & on My face, dug pits 18 x 18 x 12 ins., Nand S. of stone 5} ft. dist., and raised a mound of earth 1 ft. high, 31 ft. base wongside. 70.00 Top of Hill bears 6. 9 W. and descend. 80.00 Set a Sasalt stone 20 x 20 x 20 ins. in the ground for Cor. to Secs. /- 2-//- / 2 marked with I notches on S. and I notch on E. edges and raised a mound of stone alongside. Pits impracticable. Land rolling. Soil 3rd rate Vegetation, Bunchgrain

2417. Range 18 6.

Township.

Gila and Salt River Meridian.

East, on a random line between Sections 1 and 12. Chains 13°30' East. Variation Over level land Set temporary & Sec. Cor. 40.00 79.92 Intersect N. & S. line, 40 lks Julk of cor. to secs. Nog 43 W. on a true line between sections / 12 Variation 13 20 East 39.96 Set a post 3 ft. long. 3 ins. diam. with marked stone 12 ins. in the ground, for & Sec. Cor., marked & S. on M. face, dug pits, 18 x 18 x 12 ins, C. and V. of post 51 ft. dist., and raised a mound of earth 1 ft. high, 31 ft. base around post. 79.92 The corner to sections 1-2-11-12, Land level. Soil 3nd rate Vegetation, Bunchynuss.

247, BOOK 500 18

Gila and Salt River Meridian.

Chains North, on a random line between Sections 1 and 2.

Variation 13°30′ East.

Descend.

11. 40 Cross Wash, 18 1ks. wide, Course S.W. and ascena.

HO. O O Set a post 3 ft. long. 3 ins. diam. with marked stone

12 ins. in the ground, for \(\frac{1}{4} \) Sec. Cor., marked \(\frac{1}{4} \) S. on

N. face, dug pits, 18 x 18 x 12 ins., Nand \(\frac{1}{4} \) of

post \(5\frac{1}{2} \) ft. dist., and raised a mound of earth 1\(\frac{1}{4} \) ft.

high, \(3\frac{1}{4} \) ft. base around post.

Fo. 46 Intersect the 6 6 Standard Parallel Min at a point 5.24 chs. Nest of the Standard Cor. to providually set by me Sees & B. of and Sec. 35, T. 25 n. R. / 6... at which point I.

Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for Common. to Secs. / and 2—marked C T.24M.R./86,., on S. / on G. and S. 2— on faces, with / notch on G. and T notches on T faces, dug pits 18 x 18 x 12 ins. S.G.9 Wof post, 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½

Land rolling.

Soil 3rd rate

Vegetation, Sunchanuss.

ft. base around post.

I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.

80.00

24 n, Range 186,

Gila and Salt River, Meridian.

From the corner to sections, 2. 3. 347 35 prespously set by me. Chains Jun North, between Sections 34 and 35.

Variation 13°30 East.

Descend.

Deposited a marked stone, 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., dug pits 18x18x12 ins. $\frac{1}{2}$, and $\frac{1}{2}$ of post $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{4}$ ft. high, $3\frac{1}{4}$ ft. base over it. In Wpit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked $\frac{1}{4}$ s. on $\frac{1}{2}$ face.

set a Canal stone (6x 7 x 3 ins. 11 ins. in the ground for Cor. to Secs 26-27-34-35 marked with Inotch on S. and 2notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high, $4\frac{1}{2}$ ft. base, alongside.

Soil 3rd rate
Vegetation Burnehopuss.

247., Range 186.

Gila and Salt River Meridian.

Chains East, on a random line between Sections 26 and 35. 13 30' East. Variation Ascend. 40.00 Set temporary & Sec. Cor. 80.16 Intersect N. & S. line, 12 1ks. Nouh of cor. to secs. 25-26-35736 from which corner, I run NSG 55W. on a true line between sections 26-35 Variation 13°40 East 40.08 Set a Gasalt stone 14x 7 x 4 ins., 9 ins. in the ground, for & Sec. Cor., marked & on Macs. dug pits 18 x 18 x 12 ins., 6 and V. of stone 54 ft. dist., and raised a mound of earth 1 ft. high, 31 ft. base alongside. FO.16 The corner to sections 26-27-34-35. Land rolling. Soil 3rd rate Vegetation, Bunchgrass.

2477, Range 196

Gila and Salt River Meridian.

Chains

North, between Sections 26 and 27.

Variation 18 30 East.

Descend.

20.00 Cross Wash, 30 1ks. wide, Course Colland ascend.

40,00 set a Lime stone 146 x 4 ins. 9 ins. in the ground, for & Sec. Cor., marked & on / face. dug pits 18 x 18 x 12 ins., Wand V'. of stone 51 ft. dist., and raised a mound of earth 1 ft. high, 31 ft. base, alongside.

80.00 Set a Sand stone 14x y x 5 ins. 9 ins. in the ground for Cor. to Secs. 22-23-26-27 marked with 2 notches on S. and 2 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5\frac{1}{2} ft. dist. and ruised a mound of earth 2 ft. high, 4 ft. base. alonyside.

Land rolling.

Soil Vegetation, Bunchgrass.

24 M. Range 186 Township Gila and Salt River Meridian. Chains East, on a random line between Sections 23 and 26. Variation 13°30' East. Ascend. 34.00 Enter Juniper timber. 40.00 Set temporary \ Sec. Cor. 80.24 Intersect N. & S. line, 18 18 Nouth of cor. to secs. 23-24-25-26 from which corner, I run NS9 52 W. on a true line between sections 23-26, Variation /3° 30' East 46.12 Set a post 3 ft. long. 3 rns. diam. with marked stone 12 i.s. in the ground, for 1 Sec. Cor., marked 1 S. on W. face, dug pits, 18 x 18 x 12 ins. E. and V. of post 5 ft. dist., and raised a mound of earth ! ft. high, 3\frac{1}{3} ft. base around post. \$0.24 The corner to sections 22-23-26-24, Land rolling.

Soil 3rd rate Vegetation, Bunchyuss.

Range 18 6 500

Gila and Salt River Meridian.

Chains

North, between Sections 22 and 23.

Variation 13°30

Descend.

4.00 Cross Wash, 20 1ks. wide, Course . 80 Wand ascend.

40.00 Set a Basalt stone 14x 8 x 6 ins., 9 ins. in the ground, for & Sec. Cor., marked & on /. face, and raised a mound of stone. alongside. Pits impracticable.

Top of Butte and descend. 47.50

80.00 Set a

Savalt stone /6x 14x 10 ins. in the ground for Cor. to Secs. 14-15-22-23 marked with I notch en on S. and 2 notcheo on E. edges and raised a mound of stone. alongside. Pits impracticable.

Land rolling. Soil

Township 2477, Range 186

Gila and Salt River Meridian.

Chains East, on a random line between Sections 14 and 23. Variation 13°30' East. Descend. Set temporary 1 Sec. Cor. 60.00 Cross Wash, 20 1ks. wide, Course Muhand ascend. 79.88 Intersect N. & S. line, & 1ks South of cor. to secs. 13-14-23-24 from which corner, I run SG'57' W. on a true line between sections 14-23, Variation 13°30' East 39.94 Set a post 3 ft. long. 3 ins. diam. with marked stone 12 ins. in the ground, for 1 Sec. Cor., marked 1 S. on M. face, dug pits, 18 x 18 x 12 ins., G. and T. of post 51 ft. dist., and raised a mound of earth 11 ft. high, 31 ft. base around post. 19.88 The corner to sections 14-15-22-23, Land rolling. Soil 3rd rate Vegetation, Buncheyars.

247. Range 98 6

Gila and Salt River Meridian,

Chains

North, between Sections 14 and 15.

Variation

13°30' East.

Descend.

20.18 Cross low Sag and ascend.

40.00 Set a Basalt stone 20x20x10 ins. 15

ins. in the ground, for & Sec. Cor., marked & on

face, and raised a mound of stone. alongside. Pits

impracticable.

Top of Butte and Continue ascent,

80.00 Set a Basalt stone 30x 20x 20ins. 22ins. in

the ground for Cor. to Secs. 10-11-14-15 marked with Anotcheo on S. and Inotcheo on E. edges and

raised a mound of stone. alongside. Pits impracticable.

Land rolling.

Soil 3rd rate Vegetation, Bunchgrass.

BOOK 500

24 M, Range 186,

Gila and Salt River Meridian.

Chains East, on a random line between Sections 11 and 14. 13°30' East. Variation Descend

39.90 Cross Wash, 18 1ks. wide, Course 1.20 Wand ascend.

40.00 Set temporary & Sec. Cor.

79.56 Intersect N. & S. line, 32 1ks South of cor. to secs.

11-12-13-14 from which corner, I run

IT "46" W. on a true line between sections 11-14, Variation /3° 20' East

39.78 Set a post 3 ft. long. 3 ins. diam. with marked stone 12 ins. in the ground, for \ Sec. Cor., marked \ S. on

N. face, dug pits, 18 x 18 x 12 ins., G. and V. of post 51 ft. dist., and raised a mound of earth 11 ft.

high, 31 ft. base around post.

79.56 The corner to sections 10-11-14-15.

Land rolling.

Soil 3nd rate Vegetation, Bunchenars.

Gila and Salt River Meridian.

Chains

North, between Sections 10 and 11.

Variation 13°30'

17.20 Foot of Butte and continue

40.00 Deposited a marked stone, 12 ins. in the ground, for sec. cor., dug pits 18x18x12 ins. Wand of post 51 ft. dist. and raised a mound of earth 11 ft. high, 3\frac{1}{2} ft. base over it. In pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s, on Mace.

54.50 Cross Wash, 18 1ks. wide, Course 182 Wand ascend.

Al. 10 Deposited a marked stone, 12 ins. in the ground, for cor to secs. 2-3-10-11, dug pits 18x18x12 ins in each sec. 51 ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft: long, 12 ins; in the ground, marked T.24 M.S. 2 on N. E. R.186 S. 1/ on S. E. S. 10 on S. W and S. 3 on N. W faces, with I notches on S. and 2 notehels on E. edges.

Soil 3nd rate Vegetation, Brichepars.

Land rolling.

Soit 3rd rate Vegetation, Binchynuss,

Gila and Salt River Meridian.

Chains East, on a random line between Sections 2 and 11. 18°30' East. Variation Descend gradually. Set temporary & Sec. Cor. 40.00 60.00 Cross Wash, 26 1ks. wide, Course J.W, and ascend. 79.80 Intersect N. & S line, 18 1ks South of cor. to secs. 1-2-11-12 from which corner, I run 1.5952 W. on a true line between sections 2-11. Variation 13°30 East 39.90 Set a post 3 ft. long. 3 ins. diam. with marked stone 12 ins. in the ground, for & Sec. Cor., marked & S. on N. face, dug pits, 18 x 18 x 12 ins., 6. and N. of post 51 ft. dist., and raised a mound of earth 11 ft. high, 31 ft. base around post. 74.80 The corner to sections 2- 3-10-11.

Gila and Salt River Meridian.

Chains

North, on a random line between Sections 2 and 3.

Variation

13"30'

Over level land

110. UU Set a post 3 ft. long. 3 ins. diam. with marked stone 12 ins. in the ground, for & Sec. Cor., marked & S. on W. face, dug pits, 18 x 18 x 12 ins., Nand V. of post 51 ft. dist., and raised a mound of earth 11 ft.

high, 31 ft. base around post.

6 ", Standard Parallel / 80.30 Intersect the point 4.72 chs. West of the Standard Cor. to on Secs. S. Rof and Sec. 34, T. 25 M. R. 18 6 at which point I.

> Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for ampor. to Secs. 2 and 3 marked O.C. T.24M.R.186, ., on S. S. 2 on E. and S.3 on N. faces, with 2 notches on & and 4 notches on Maces, dug pits 18 x 18 x 12 ins. d. & Cof post, 51 ft. dist. and raised a mound of earth 2 ft, high, 41 ft. base around post.

Land level.

Sunchanas, Vegetation,

I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct. 9. M. Caron Compassman Le

24 M., Range 18 6.

From the corner to sections, 3.4.33 v 34. previously set by me.

Chains Jun North, between Sections 33 and 34.

Descend Madually,

Variation

13.30

46.00 Deposited a marked stone, 12 ins. in the ground, for sec. cor., dug pits 18x18x12 ins. 2 and of post 51 ft. dist. and raised a mound of earth 11 ft. high, 31 ft. base over it. In N pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on / face.

80.00

Deposited a marked stone, 12 ins. in the ground, for cor to secs. 27-28-33-34, dug pits 18x18x12 ins in each sec. 51 ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft: long, 12 ins; in the ground, marked T.24 n.S. 27 on N. E. R. 186. S.34 on S. E. S. 33 on S. W and S.28 on N. W faces, with notch on S. and I noteh to on E. edges.

Land rolling.

Soil 3rd rate Vegetation, Bunchquiss.

24 m, Range 18 6.

Gila and Salt River Meridian.

Chains	East, on a random line between Sections 27 and 34.
	Variation 13°30 East.
	Ascend.
40.00	Set temporary \(\) Sec. Cor.
80.25	Intersect N. & S. line, 44 1ks South of cor. to secs.
	26-27-34-35 from which corner, I run
	39°41'W. on a true line between sections 27-34.
	Variation/3° 30' East
40.13	Set a post 3 ft. long. 3 ins. diam. with marked stone
	12 ins. in the ground, for & Sec. Cor., marked & S. on
	W. face, dug pits, 18 x 18 x 12 ins., G. and V. of
	post 51 ft. dist., and raised a mound of earth 13 ft.
	high, 3\frac{1}{2} ft. base around post.
80.25	The corner to sections 27-28-33-34,
	Land rolling.
	Soil 3rd rate
	Soil 3nd rate Vegetation, Bunchgrass.

24 n, Range 186.

Gila and Salt River Meridian.

Chains North, between Sections 27 and 28.

Variation 13°30' East.

Ascend. Gradually.
40.00 Deposited a marked stone, 12 ins. in the ground, for sec. cor., dug pits 18x18x12 ins. and of post 51 ft. dist. and raised a mound of earth 11 ft. high, 3\frac{1}{2} ft. base over it. In No pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on face.

70.00 Top of Spur, bears M.E. & S.W. and descend. 79.00 Cross Wash, 25 1ks. wide, Cours 250 Wand ascend.

80.00 Set a Basalt stone lox 8 x 4 ins! ins. in the ground for Cor. to Secs. 21-22-27-28 marked with I notch eson S. and I notches on E. edges and raised a mound of stone. alongside. Pits impracticable.

Land mountainous.

Soil 3nd rate Vegetation, Bunchegiass.

24 M, Range 186.

Gila and Salt River Meridian.

Chains East, on a random line between Sections 22 and 27. Variation East. Ascend. gradually, 40.00 Set temporary \ Sec. Cor. 75.09 Cross Wash, 10 1ks. wide, Course J. 89 Wand ascend. 79.84 Intersect N. & S. line. 13 1ks South of cor. to secs. 22-23-26-27 from which corner, I run J.89°54'W. on a true line between sections 22-27. Variation 13 30 East 39.92 Set a post 3 ft. long. 3 ins. diam. with marked stone 12 ins. in the ground, for & Sec. Cor., marked & S. on N. face, dug pits, 18 x 18 x 12 ins., E. and V. of post 51 ft. dist., and raised a mound of earth 11 ft. high, 31 ft. base around post. 79.8.4 The corner to sections 21-22-24-28. Land rolling. Soit 3nd rate vegetation, Bunchgrass.

24 M. Range 18 6.

Gila and Salt River Meridian.

Chains

North, between Sections 21 and 22.

Variation 13°30

East.

Descend gradually,

Deposited a marked stone, 12 ins. in the ground, for $\frac{1}{4}$ sec. cor., dug pits 18x18x12 ins. Mand of post $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{4}$ ft. high, $3\frac{1}{4}$ ft. base over it. In M pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked $\frac{1}{4}$ s. on Marked.

80.00

Deposited a marked stone, 12 ins. in the ground, for cor to secs. /5-/6-2/-22, dug pits 18x18x12 ins. in each sec. 5½ ft. dist., and raised a mound of earth 2 ft. high, 4½ ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft: long, 12 ins; in the ground, marked T247. S. /5 on N. E. R/86. S. 22 on S. E. S. 21 on S. W and S. 16 on N. W faces, with 3 notches on S. and 3 notches on E. edges.

Land rolling. Soil 3nd rate Vegetation, Bunchgrass.

Gila and Salt River Meridian.

Chains	East, on a random line between Sections 15 and 22.
	Variation 13°30' East.
	Ascend.
40.00	Set temporary \(\frac{1}{2}\) Sec. Cor.
55.00	Top of Spur, bears N. & S. and descend.
FO.38.	Top of Spur, bears N. & G. and descend. Intersect N. & S. line, 22 1kg. Multof cor. to secs.
	14-15-22-23 from which corner, I run
9	78951 W. on a true line between sections 15 - 22
	Variation /3°30' East
6.69	Set a post 3 ft. long. 3 ins. diam. with marked stone
	12 ins. in the ground, for & Sec. Cor., marked & S. on
	W. face, dug pits, 18 x 18 x 12 ins., & and W. of
	post 51 ft. dist., and raised a mound of earth 1 ft.
	high, 3½ ft. base around post.
1.38	The corner to sections 15-16-21-22,
	Land mountainous.
	Soil 3rd rate
	Soil 3rd rate Vegetation, Bunchgrass.

Gila and Salt River Meridian.

Chains

North, between Sections 15 and 16.

Variation 13°30' East.

Descend.

40.00 Deposited a marked stone, 12 ins. in the ground, for 1 sec. cor., dug pits 18x18x12 ins. N and post 51 ft. dist. and raised a mound of earth 11 ft. high, 3\frac{1}{2} ft. base over it. In N pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on face.

FO. OU Deposited a marked stone, 12 ins. in the ground. for cor. to secs. 9-10-15-16, dug pits 18x18x12 ins. in each sec. 51 ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft: long, 12 ins; in the ground, marked T2477. S. 10 on N. E. R. 186. S. 15 on S. E. S. 16 on S. W and S. 9 on N. W faces, with 4 notches on S. and 3 notekes on E. edges.

Land rolling.

Soil 3rd rate Vegetation, Buncherouso.

24 M., Range 18 C.

Gila and Salt River Meridian.

Chain	East, on a random line between Sections 10 and 15.
	Variation /3°30' East.
	Ascend.
0.00	Set temporary \(\frac{1}{2} \) Sec. Cor.
5.000	cross Wash, 10 lks. wide, Course? and ascend.
1.90.	Intersect N. & S. line, 15 1ks Mouhaf cor. to secs.
	0-11-14-15 from which corner, I run
9	NG 54W. on a true line between sections 10-15,
	Variation 13° 30' East
1.95	set a Basalt stone 14x 8 x 6 ins., 9 ins.
	in the ground, for & Sec. Cor., marked & on N face,
	dug pits 18 x 18 x 12 ins., & and W. of stone 51
	ft. dist., and raised a mound of earth 11 ft. high, 31
	ft. base. alongside
90	The corner to sections 9-10-15-16,
	Land rolling.
	Soil 3 Sate
	Vegetation, Bunchgrass.

BOOK 500 24 M., Range 186,

Gila and Salt River Meridian.

Chains

North, between Sections 9 and 10.

Descend Graduully,

40,00 Deposited a marked stone, 12 ins. in the ground, for 1 sec. cor., dug pits 18x18x12 ins. Mand of post 51 ft. dist. and raised a mound of earth 11 ft. high, 3\frac{1}{2} ft. base over it. In no pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on M face.

70.65 Cross Wash, 30 Uks. wide, Course Pest and ascend. 80.00

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 3-4-9-10 marked T,24M.S. 3 , on N, E, R/86, , S. 10 on S, E, S, 9 on S, W, and S, 4 on N, W, face with I notches on S, and I notches on E, edges, aug pits 18 x 18 x 12 ins, in each Sec, 51 ft, dist, and raised a mound of earth 2 ft, high, 4 \frac{1}{2} ft, base around post.

Land rolling.

Soil Prote rate Vegetation, Bunchenas.

Township

24 77. Range 18 6.

Gila and Salt River Meridian.

East, on a random line between Sections 3 and 10. Chains Variation 13° 30' East. Descend. 40.00 Set temporary \ Sec. Cor. 80.12 Intersect N. & S. line, 36 1x Nouth of cor. to secs. 2-3-10-11 from which corner, I run D. 8945 W. on a true line between sections 3-10. Variation 13° 30' East 40.06 Deposited a marked stone, 12 ins. in the ground, for 1 sec. cor., dug pits 18x18x12 ins. 6 and Nof post 51 ft. dist. and raised a mound of earth 11 ft. high, 3\frac{1}{2} ft. base over it. In & pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the-ground, marked } s. on M. face. 80.12 The corner to sections 3-4-9-10. Land rolling. Soil 3rd rate Vegetation, Bunchgrass.

BOOK 500 24 M, Range 18 &.

Gila and Salt River Meridian. North, on a random line between Sections 3 and 4. Chains Variation 13°30' Descend. 30.20 Cross Wash, 50 1ks. wide, Course n. W. and ascend. 40.00 Set a post 3 ft. long. 3 ins. diam. with marked stone 12 ins. in the ground, for \ Sec. Cor., marked \ S. on W. face, dug pits, 18 x 18 x 12 ins., Mand V. of post 51 ft. dist., and raised a mound of earth 11 ft. high, 31 ft. base around post. 60.00 Gross Road, bears, 12. 34°6. 9 634°1. 80.22 Intersect the 6th Standard Paraller Tofkat a point 4.60 chs. West of the Standard Cor. to on Sees J. B. of and Vec. 33, T. 25 n. R. 18 6. previously set by me. and ine stone 16,10 x 4ins. 11 ins. in Set a Sime stone Oc. 10 x 4 ins. 11 ins. in the ground for Cor. to Secs. 3 — 4 marked C.C. with I notches on Nand Inotches on E. edges and raised a mound of stone. alongside. Pits impracticable. Land rolling. 3rd rate Vegetation, Sunchenens: I carefully examined the adjustments of my solar compass to-day, particularly the latitude and revers-

ing apparatus, and found them correct.

A. J. Johnson Jeb. 16, 1883.

BOOK 500 Township 2477. Range 181

Gila and Salt River Meridian.

From the corner to sections, 4.5.32 \$ 3.3 previously set by me.

Chains JannNorth, between Sections 32 and 33.

Variation 13°30' East.

34.70 Over level land

And the mide. course R.N.

40.00 Deposited a marked stone, 12 ins. in the ground, for t sec. cor., dug pits 18x18x12 ins. Wand of post 51 ft. dist. and raised a mound of earth 11 ft. high, 31 ft. base over it. In N pit drove a stake 2 ft. long, 3 in. square, 12 ins. in the ground, marked 1 s. on Wface.

FO. UU Deposited a marked stone, 12 ins. in the ground, for cor to secs. 28-29-32-83, dug pits 18x18x12 ins. in each sec. 51 ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft: long, 12 ins; in the ground, marked T24M.S. 28 on N. E. R./86, S.33 on S. E. S. 3 2 on S. W and S. 29 on N. W faces, with I notch on S. and I notches on E. edges.

Land level.

Soil 3rd rate Veretation, Bunchgross.

Township 2477, BOOK 500 8 Range 18 6,

Gila and Salt River Meridian.

East, on a random line between Sections 28 and 33. Chains Variation 13°30' East. Over level land. 40.00 Set temporary & Sec. Cor. 7986 Intersect N. & S. line, 50 1ks. North of cor. to secs. 27-28-33-34 from which corner, I run hsg39 W. on a true line between sections 28-33. Variation 13 30' East Deposited a marked stone, 12 ins. in the ground, for 39.93 1 sec. cor., dug pits 18x18x12 ins. 6 and of post 51 ft. dist. and raised a mound of earth 11 ft. high, 31 ft. base over it. In to pit drove a stake ? ft. long, 2 in. square, 12 ins. in the ground, marked } s. on Mace. 79.86 The corner to sections 28-29-32-33. Land rolling. Soil 3rd rate Vegetation, Bunchynass.

BOOK 500 2477. Range

Gila and Salt River Meridian.

Chains

Township

North, between Sections 28 and 29.

Variation

Ascend. 40.00 set a Basalt stone 14 8 x 6 ins. 4 ins. in the ground, for & Sec. Cor., marked & on W face, dug pits 18 x 18 x 12 ins., Mand J. of stone 51 ft. dist., and raised a mound of earth 1 ft. high, 31 ft. base. alongside.

50.00 Top of Spur, bears n. 6. 9 S. W. and descend.

80.00 Deposited a marked stone, 12 ins. in the ground, for cor bosecs. 20-21-28-29, dug pits 18x18x12 ins in each sec. 51 ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft: long, 12 ins; in the ground, marked T.24M, S. 2/ on N. E. R/86. S. 28 on S. E. S. 29 on S. W and S. 20 on N. W faces, with 2 notch eb on S. and Inotch & on E. edges.

Land rolling.

Soil 3rd rate. Vegetation, Bunchenass.

247, BOOK 500 Range 186.

Gila and Salt River Meridian.

East, on a random line between Sections 21 and 28. Chains Variation 13°40' East. Descend. 40.00 Set temporary & Sec. Cor. 78.28 Cross Wash, 20 1ks. wide, Course h. W. and ascend. 79.64 Intersect N. & S. line, 22 1ks. Mulhof cor. to secs. 21-22-27-28 from which corner, I run 17,8951 W. on a true line between sections 21 - 28, Variation 13 30' East 39.82 Deposited a marked stone, 12 ins. in the ground, for sec. cor., dug pits 18x18x12 ins. & and V. of post 51 ft. dist. and raised a mound of earth 11 ft. high, 3\frac{1}{2} ft. base over it. In 6 pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked } s. on N face. 79.64 The corner to sections 20-21-28-291 Land rolling. Soil 3nd rate Vegetation, Bunchegrass,

BOOK 500 2477, Range 18 6

Township

Gila and Salt River Meridian.

Chains

North, between Sections 20 and 21.

Variation

13°40' East.

Descend.

3650 Cross Wash, 10 1ks. wide, Course, 77 Wand ascend.

40.00

Deposited a marked stone, 12 ins. in the ground, for a sec. cor., dug pits 18x18x12 ins. Wand of post 5½ ft. dist. and raised a mound of earth 1½ ft. high, 3½ ft. base over it. In which pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked ½ s. on where

65.00

Ascents Prinslow-9 Moqui n. 15° E. 9 S. 15° W.

71.15 80.00

set a Sasall stone 16 x f x 4 ins. 1 ins. in the ground for Cor. to Secs. 16-17-20-2/marked with 3 notches on S. and 4 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 5% ft. dist. and raised a mound of earth 2 ft. high, 4% ft. base. alongside.

Land rolling.

Soil 3rd rate Vegetation, Buncheques.

post 51 ft. dist., and raised a mound of earth 13 ft.

BOOK 500

YG.96 The corner to sections 16-14-20-21,

Land rolling.

Soil rate

Vegetation, Sunchepeus,

high, 31 ft. base around post.

Gila and Salt River Meridian.

Chains	North, between Sections 16 and 17.
	Variation /3°40' East.
	Ascend.
20.00	Top of Spur, bears G. & W, and descend.
40.00	Set a post 3 ft. long. 3 ins. diam. with marked stone
	12 ins. in the ground, for \(\frac{1}{4} \) Sec. Cor., marked \(\frac{1}{4} \) S. on
	W. face, dug pits, 18 x 18 x 12 ins., Nand S. of
	post 5½ ft. dist., and raised a mound of earth 1½ ft.
	high, 3½ ft. base around post.
80.00	set a Basalt stone 16x 14x 8 ins. 11 ins. in
	the ground for Cor. to Secs. 8-9-16-17 marked
	with thought on S. and Inotches on E. edges and
	raised a mound of stone. alongside. Pits impracticable.
	Land mountainous.
	Soil 3nd rate
	Vegetation, Bunchenass.

Township

24 n. Range 186.

Gila and Salt River Meridian.

East, on a random line between Sections 9 and 16. Chains Variation 13°30' East. Descend. 20.00 Ascend grudually 25.85 Gross Road, from Winslow to Moqui, beces n. 10.6. 8 S.10.W. 40.00 Set temporary & Sec. Cor. AO. 3/ Intersect N. & S. line, 18 1ks South of cor. to secs. 9-10-15-16 from which corner, I run J.89° 52' W. on a true line between sections 9 - 16; Variation 13 '30' East 40.16 Deposited a narked stone, 12 ins. in the ground, for 1 sec. cor., dug pits 18x18x12 ins. & and Nof post 51 ft. dist. and raised a mound of earth 11 ft. high, 31 ft. base over it. In & pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on Wface. f0.31 The corner to sections f-g-16-17. Land rolling Soil 3nd rate Vegetation, Bunchynass.

Township

24 n. Range 18 &

Gila and Salt River Meridian.

Chains

North, between Sections 8 and 9.

Variation 13"30'

Descend.

40,00 Set a post 3 ft. long. 3 ins. diam. with marked stone 12 ins. in the ground, for & Sec. Cor., marked & S. on M. face, dug pits, 18 x 18 x 12 ins. Mand V. of post 51 ft. dist., and raised a mound of earth 11 ft. high, 31 ft. base around post.

75. 20 Cross Wash, 45 Tks. wide, Course 180 Wand ascend.

80.00 Set a Basalt stone 14x 8 x7 ins. 9 ins. in the ground for Cor. to Secs. 4-5-8-9 marked with I notches on S. and I notches on E. edges. dug pits 18 x 18 x 12 ins. in each Sec., 5\frac{1}{2} ft. dist. and raised a mound of earth 2 ft. high, 41 ft. base. alongside.

Land rolling.

Soil

Soil Frate Vegetation, Bunchgrass,

2477, BOOK 500 186.

Gila and Salt River Meridian.

East, on a random line between Sections 4 and 9. Chains Variation 13°30 East. Ascend. 33.44 Cross Road, from Winslow to Megui bears n. 200, 9 S.20 M. 40.00 Set temporary \ Sec. Cor. 79.81 Intersect N. & S. line, of Ik. Mouth of cor. to secs. 3-4-9-10 from which corner, I run Nog's7' W. on a true line between sections 4-9-Variation 13°30' East 39.91 Deposited a marked stone, 12 ins. in the ground, for 1 sec. cor., dug pits 18x18x12 ins. 6 and Nof post 51 ft. dist. and raised a mound of earth 11 ft. high, 31 ft. base over it. In & pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked } s. on N. face. 74.81 The corner to sections 4-5-8-9. Land rolling. Soil 3 rate Vegetation, Minchegrass,

Land

rolling.

244 M., Range 186.,

Gila and Salt River Meridian.

North, on a random line between Sections 4 and 5. Chains 13.30 Variation Over rolling land. Deposited a marked stone, 12 ins. in the ground, for 40.00 sec. cor., dug pits 18x18x12 ins. Mand of post 51 ft. dist. and raised a mound of earth 11 ft. high, 31 ft. base over it. In No pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on / face. 5 Standard Parallel/ point 4,36 chs. West of the Standard Cor. to m Sees. Morand See, 32 T.25 n. R. 186 previously set by me. Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for AsingCor. to Secs. 4 and 5 marked C.C. T24n. R. 186 ... on J. S. 4 on 6, and S. 5 on W. faces, with Unotches on E and 2 notch es on Maces, dug pits 18 x 18 x 12 ins. J. C. Wof post, 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base around post.

Vegetation, Bunchenass I Sugetush,
I carefully examined the adjustments of my solar
compass to-day, particularly the latitude and revers-

ing apparatus, and found them correct. Let 16, 1885

24 M, Range 500

From the corner to sections, 5, 6, 3/9 3 previously set by me.

Chains Irwin North, between Sections 31 and 32.

Variation 13°30' East.

Descend.

140.00 Set a post 3 ft. long. 3 ins. diam. with marked stone 12 ins. in the ground, for 1 Sec. Cor., marked 1 S. on -N. face, dug pits, 18 x 18 x 12 ins. Nand V. of post 51 ft. dist., and raised a mound of earth 11 ft. high, 31 ft. base around post.

64.00 Cross Wash, 30 Iks. wide, Course M. W. and ascend. 80.00 Set a Scisult stone 14x12x 3 ins. 9 ins.

in the ground for Cor. to Secs 29-30-31-32 marked with / notch on S. and I notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec., 51 ft. dist. and raised a mound of earth 2 ft. high, 4% ft. base.

Land rolling.

Soil 3rd rate Vegetation Bunchepuss. Soil

24 M, Range 186.

ownship

Gila and Salt River Meridian.

Ghains	East, on a random line between Sections 29 and 32. Variation 3 40 East.
	Ascend.
40.00	Set temporary & Sec. Cor.
47.30	Cross Road, from Minstow to Moque, bears
	Oross Road, from Winslow to Moqui, brans Of S. S. S. S. N.
7997	Intersect N. & S. line, 32 1k South of cor. to secs.
	28-29-32-33 rom which corner, I run
	18946' W. on a true line between sections 29-32,
	Variation 3 30 East
39.99	Deposited a marked stone, 12 ins. in the ground, for
	1 sec. cor., dug pits 18x18x12 ins. 6 and of
	post 51 ft. dist. and raised a mound of earth 1 ft.
	high, 3½ ft. base over it. In 6. pit drove a stake 2
	ft. long, 2 in. square, 12 ins. in the ground, marked 1
	s. on Neface.
79.97	The corner to sections 24-31-32,
	Land rolling
	Soil 3rd rate
	Venetation, Bushonuss. 4
	Soil 3rd rate Venetation, Bushyuss. Jeb. 17, 1888.

Township

247, Range 86.

Gila and Salt River Meridian.

Chains

West, on a random line between Sections 30 and 31.

Variation

Vari

on M.E. K. 18 G. S. 31 on S.E. R. 17 G. S. 36 on S. hr. aud S. 25 on M. S. Jaces, with much on S. aud 5 notehes on Medges,

was a stake 2000 square set findly

from which corner, I run

N. 89'30' 6, on a true line, between sections 30-31.

Variation 13°20' East.

36.42 Deposited a marked stone, 12 ins. in the ground, for a sec. cor., dug pits 18x18x12 ins. and of post 5½ ft. dist. and raised a mound of earth 1½ ft. high, 3½ ft. base over it. In a pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked ½ s. on have.

76.42 The corner to sections 29-30-31-32.

Soil 37d rate
Vegetation Buth grass Company Let. 17, 1883

Township 2477,

BOOK 500 Range 18

Gila and Salt River Meridian.

Chains

North, between Sections 29 and 30.

Variation

13°40' East.

Ascend.

20.00 Top of Spur, bears 6. 9 W. and descendi

40.00 set a Gasalt stone / 8x f x/o ins.,/2-ins. in the ground, for & Sec. Cor., marked & on W face. dug pits 18 x 18 x 12 ins., Nand V. of stone 51 ft. dist., and raised a mound of earth 1 ft. high, 31

ft. base.

80.00

Set a post 4 ft. long, 4 ins. square, with marked stone 12 ins. in the ground, for Cor. to Secs, 19-20-29-30 marked T,24M.S, 20, on N, E, R, 186, S. 29 on S, E, S, 30 on S, W, and S, 19 on N, W, face with Inotcheo on S, and I notches on E, edges, dug pits 18 x 18 x 12 ins, in each Sec, 51 ft, dist, and raised a mound of earth 2 ft, high, 4 \frac{1}{2} ft, base ground post.

Land mountainous.

3rd rate Soil

Vegetation, Simchegrass.

Gila and Salt River Meridian.

East, on a random line between Sections 20 and 29. Chains Variation 13°30' East. Ascend. Set temporary \ Sec. Cor. 70.40 Gress Road, from Urislow to Mequi, bears n.14.6. 9 S.14.1. 80.36 Intersect N. & S. line, 38 1ks South of cor. to secs. 20-21-28-24 from which corner, I run S.FG 244' W. on a true line between sections 20-29, Variation 13°40' East Deposited a marked stone, 12 ins. in the ground, for } sec. cor., dug pits 18x18x12 ins. & and V of post 5% ft. dist. and raised a mound of earth 1% ft. high, 31 ft. base over it. In & pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on M. face. 80.36 The corner to sections 19-20-29-30, Land rolling. Soil 3rd rate Vegetation, Brinchenass. A. P. Johnson, Feb. 17, 1883.

BOOK 500 50 24 M, Range 186. ownship Gila and Salt River Meridian. West, on a random line between Sections 19 and 30. Chains Variation 13°30 Descend. 20.50 Cross Wash, 35 Iks. wide, Cours 1.20 Kind ascend. 40.00 Set temporary \ Sec. Cor. 76.82 Intersect N. B. of Tp. 18 11: Southof cor to secs. 14-24-25-30 which is an earth mound 241. high 4/ft base with pits, 18x 18x 12uns, The Holist in each Section, in J.C. pit was a stake Zins oquare set frilly in the ground marked J.247 J. 4900 n.C. R.186, S.30 on S.G. RIYE. S. 25 on S. W. and S. 24on Mrfaces, with 4 noteties on n. 9 2 notches on J. edges, from which corner, I run d. 59 52 Gon a true line, between sections 19-30. Variation 13°20' East. 36.82 Deposited a marked stone, 12 ins. in the ground, for sec. cor., dug pits 18x18x12 ins. 6 and Nof post 51 ft. dist. and raised a mound of earth 11 ft. high, 3½ ft. base over it. In 6, pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on Mace. 76.82 The corner to sections 19-20-29-30. Land rolling. 3rd rate Vegetation , Burehyrass (Company Feb.)

2417, BOOK 500 Range 18 &

Gila and Salt River Meridian.

Chains

North, between Sections 19 and 20.

Variation 13°30' East.

40.00 Set a Gasalt stone 14x8 6 ins., 9 ins. in the ground, for & Sec. Cor., marked & on / face, dug pits 18 x 18 x 12 ins., hand I . of stone 51 ft. dist., and raised a mound of earth 1 ft. high, 31 M. base serongside.

Cross Wash, 30 Uks. wide, Course Solkind ascend. 80.00 Set a Gasalt stone / 8 x 1 4 x 6 ins. 12 ins. in the ground for Cor. to Secs. 17-18-19-20 marked with 3 notches on S. and Inotch & on E. edges and raised a mound of stone alongside. Pits impracticable.

Descend.

Soil 3rd rate vegetation, Bunchquass & Sagebussh.

Township

Gila and Salt River Meridian.

East, on a random line between Sections 17 and 20. Chains 13°30' East. Variation Ascend. 15.20 Top of Spur, bears M. & S. and descend. 40.00 Set temporary & Sec. Cor. 80.23 Intersect N. & S. line. 13 1ks douth of cor. to secs. 16-17-20-21 from which corner, I run JSG 54 W. on a true line between sections 17-20, Variation 13°46 Basalt stone 14 x 8 x 6 ins., 9 40.12 Set a ins. in the ground, for & Sec. Cor., marked & on n face, and raised a mound of stone alongside. empracticable. 80.23 The corner to sections 17-18-19-20, Land mountainous. Soil 3rd rate Vegetation Bunchgrass & Sagetrush.

244 77. Range 186

Gila and Salt River Meridian.

Chains West, on a random line between Sections 18 and 19. 13.30' Variation Descend. Set temporary & Sec. Cor. 40.00 78.00 Cross Wash, 30 1ks. wide, Course Mand ascend. 77.14 Intersect N. B. of Tp. 30 118 Voulhof cor. to secs. 13-18-19-24, which is a Sandstone 20 × 16 × 10 ins, set 15 ins. in the ground, marked with 3 notches on M. y S. edges, fuls, 18x 18x 12 ins, 5/2th, distin elich Section and mound of earth 2ft. high, 41/2ft, base alongsidefrom which corner, I run Isguy 6. on a true line, between sections 18-19. Variation 13°20' East.

Deposited a marked stone, 12 ins. in the ground, for $\frac{1}{2}$ sec. cor., dug pits 18x18x12 ins. C. and of post $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base over it. In C. pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked $\frac{1}{2}$ s. on $\frac{1}{2}$, face.

77.14 The corner to sections 17-18-19-20.

Soil 3rd rate Vegetation, Bruchgras and Sugetiesh.

Township

2477, Range 18 &

Gila and Salt River Meridian.

North, between Sections 17 and 18. Chains Variation 13°30' East. Ascend. 40.00 Set a Gasalt stone 1728 x6 ins., 11 ins. in the ground, for & Sec. Cor., marked & on W face, dug pits 18 x 18 x 12 ins., Wand V. of stone 51 ft. dist., and raised a mound of earth 11 ft. high, 31 ft. base. alongside. 45.20 Top of Spur bears 6. & W. and descend. Set a Basalt stone 14 10x6 ins. 9 ins. in 80.00 the ground for Cor. to Secs. Y-8-14-18 marked with Unotches on S. and Inotches on E. edges and raised a mound of stone. atongside. Pits impracticable. Land mountainous Vegetation, Bunchquass & Sagebush.

Township...

24 n BOOK 500 Range 186,

Gila and Salt River Meridian.

East, on a random line between Sections 8 and 17. Chains Variation 13°30' Over tevel land 40.00 Set temporary 1 Sec. Cor. 79.95 Intersect N. & S. line, 25 1kd. Much of cor. to secs. 8-9-16-17 from which corner, I run M. 89°49' W. on a true line between sections 8-17, Variation 13°20' East 39,98 Deposited a marked stone, 12 ins. in the ground, for + sec. cor., dug pits 18x18x12 ins. & and V of post 51 ft. dist. and raised a mound of earth 11 ft. high, 3½ ft. base over it. In & pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on Mface. 79.95 The corner to sections 7-8-17-18. Land level. Soil 3rd rate vegetation, Bunchquass V Sagebrush, Township...

Range

Gila and Salt River Meridian.

West, on a random line between Sections 7 and 18. Chains Variation East. Descenda Set temporary & Sec. Cor. 40.00 77.58 Intersect N. B. of Tp. 37 1ks South of cor. to secs. 7-12-13-18, which is a Line -Olme, 20 x 18 x 10 ms, eet 15 ins. in the ground, marked with it notches on Jana Inothes on n. edges, pils 18 x 18 x 12 ins, 5/2 ft. dist. In each Section and mound earth, 2ft. high, 4/ft. fare alongoide, from which corner, I run J. FG 44 Gon a true line, between sections y-18. Variation 13°20' 37.58 Deposited a marked stone, 12 ins. in the ground, for sec. cor., dug pits 18x18x12 ins. 6 and of post 5½ ft. dist. and raised a mound of earth 1½ ft. high, 3\forall ft. base over it. In 6. pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on I face. 77.58 The corner to sections 7-8-17-18.

J. W. Carson, Comprassman

BOOK 500

Range 186.

Gila and Salt River Meridian.

Chains

North, between Sections 7 and 8.

Variation

Descend.

40.00 Set a Sasalt stone 14 x10 x6 ins.,9

ins. in the ground, for & Sec. Cor., marked & on

face, and raised a mound of stone alongside.

Pits

mpracticable.

62.80 loves n. Fork of Cornbreck, Collowide Runs Miso W. and ascend gradually,

80.00

Deposited a marked stone, 12 ins. in the ground, for cor. to secs. 5 - 6 - 7 - 8 , dug pits 18x18x12 ins. in each sec. 51 ft. dist., and raised a mound of earth 2 ft. high, 41 ft. base over it. In S. E. pit drove a stake 2 ins. square, 2 ft: long, 12 ins; in the ground, marked T24M.S. 5 on N. E. R. S. 6. S. Son S. E. S. 7 on S. W and S. 6 on N. W faces, with I notches on S. and Inotches on E. edges.

Land . rolling

Soil 3rd rate Vegetation Churchegues & Sagebrush.

24 M, Range 186,

Township

Gila and Salt River Meridian.

East, on a random line between Sections 5 and 8. Chains Variation 13°30' Ascend. 40.00 Set temporary & Sec. Cor. 80.33 Intersect N. & S. line, 22 1ks with of cor. to secs. 4-5-8-9 from which corner, I run Sy 51'W. on a true line between sections 5 - 8, Variation 13°30 East 40.17 Deposited a marked stone, 12 ins. in the ground, for sec. cor., dug pits 18x18x12 ins. Gand of post 53 ft. dist. and raised a mound of earth 13 ft. high, 3\frac{1}{2} ft. base over it. In G. pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1 s. on M. face. FU.33 The corner to sections 5-6-7-8, Land rolling. 3rd rate Vegetation, Simehonass & Jagebrush. I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct. A. S. Johnson, Jet. 17, 1883.

Gila and Salt River Meridian,

Chains

West, on a random line between Sections 6 and 7.

113 30 East. Variation

Descend.

Set temporary & Sec. Cor.

74.90 Intersect N. B. of Tp.31 1k South of cor. to secs. 1-6-7-12 which is an earth mound 24. high 4/2ft. base, with pils 18x18x

12ins 5/H. dirt in each eletion. In S.C. pit was a clake 2 ms. oquan

set fring in the ground, marked J.24 n. J. 6 on n. C. R. 18 6. S. You S. G.

R.176, S. 12 on S. M. and S. 100 M.M.

Jaces with Inoteh on naud Inothers

on Siedows, from which corner, I run

Jeg 47 6 on a true line, between sections 6- 7 Variation 13°20' East.

37.90

Deposited a marked stone, 12 ins. in the ground, for 1 sec. cor., dug pits 18x18x12 ins. and , of post 51 ft. dist. and raised a mound of earth 11 ft. high, 3\frac{1}{2} ft. base over it. In 6, pit drove a stake 2 ft. long, 2 in. square, 12 ins. in the ground, marked 1

s. on M. face.

The corner to sections J-6-7-8.

Land rolling.

Vegetation, Bunchagas & Jagebrush.

Gila and Salt River Meridian,

60.

Chains

North, on a ration line between Sections 5 and 6.

13 30' Variation East.

Ascend gradually.

40.00 Set a Jana stone 18 x 11 x 6 ins. 12

ins. in the ground, for & Sec. Cor., marked & on W.

face and raised a mound of stone. Pits impracticable.

80.34 Intersect the 6 th Standard Parallel Moth at a point 4.28 chs. West of the Standard Cor. to on Secs. S. Saf and Sel. 31, 1.25 n., R. 186

previously set by me.

Set a post, 4 ft. long, 4 ins. square, 12 ins. in the ground, for VaingCor. to Secs. 5 and 6 marked C.C. 12477. R. S. E. ., ond. S. 5 on 6. and S. 6 on It faces, with Inotches on Gand I notch on Fraces, dug pits 18 x 18 x 12 inst. C. OW. of post, 5½ ft. dist. and raised a mound of earth 2 ft. high, 4½ ft. base around post.

Land rolling.

Vegetation. Simchgrass & Sagebrush.

I carefully examined the adjustments of my solar compass to-day, particularly the latitude and revers-

ing apparatus, and found them correct.

9. M. Carson, Compassinair, Teb.

BOOK 500 GENERAL DESCRIPTION.

The general character of the land is rolling. It is covered with vegetation of Bunchenass, which durishes good grazing land throughout the Government, Imber of Juniper is found in some portions.

The Porth Fork of Com lecek, crosses the northern part of the K. The Winglow and Moqui Road crosses the The Juniper and Moqui Road crosses the The

For Final Dalhs

BOOK 500

	U. S. Surveyor General's Office	3,
Tucson,	U. S. Surveyor General's Office Arizona, July 26, , 1	883

The foregoing Field Notes of the survey of the bul divisions 24 North,

Range 18 East

of the Gila and Salt River Base and Meridian, Arizona, executed by A. Johnson,

D. S., under his contract of the 3th day of

amined and the necessary corrections and explanations made, the said Field Notes and the surveys they describe, are hereby approved.

Surveyor General.