

N^o. 9.

No. 886

BOOK 886

Field Notes

OF THE SURVEY OF THE

BOOK 886

SUDIVISION LINES

— OF —

No. 886

Township 18 S. Range 8 E.

Gila and Salt River Base and Meridian

ARIZONA.

By *George J. Roskruger* D. S.

under contract dated *Mar. 5.*, 1886.

Survey commenced *Oct 5*, 1886

Survey completed *Oct. 9*, 1886

886

Township 18 South R. 8 East.

6	80	5	71	4	52	3	34	2	16	1
		79	70			51		33		15
7	78	8	68	9	49	10	31	11	13	12
	84		76	67		48		29		12
18	82	17	65	16	46	15	28	14	10	13
		75	63		45		26		9	
19		20	61	21	43	22	25	23	7	24
		73	60		42		23		6	
30		29	58	28	40	27	22	26	5	25
			56		38		20		4	
31		32	54	33	36	34	18	35	2	36

For preliminary oaths see
book no. 1

es

no

886

886

Field notes.

of the
Survey of the Subdivision Lines
of
Fractional Tr. 18 S. R. 8 E.
of the

Gila and Salt River Meridian

Territory of Arizona

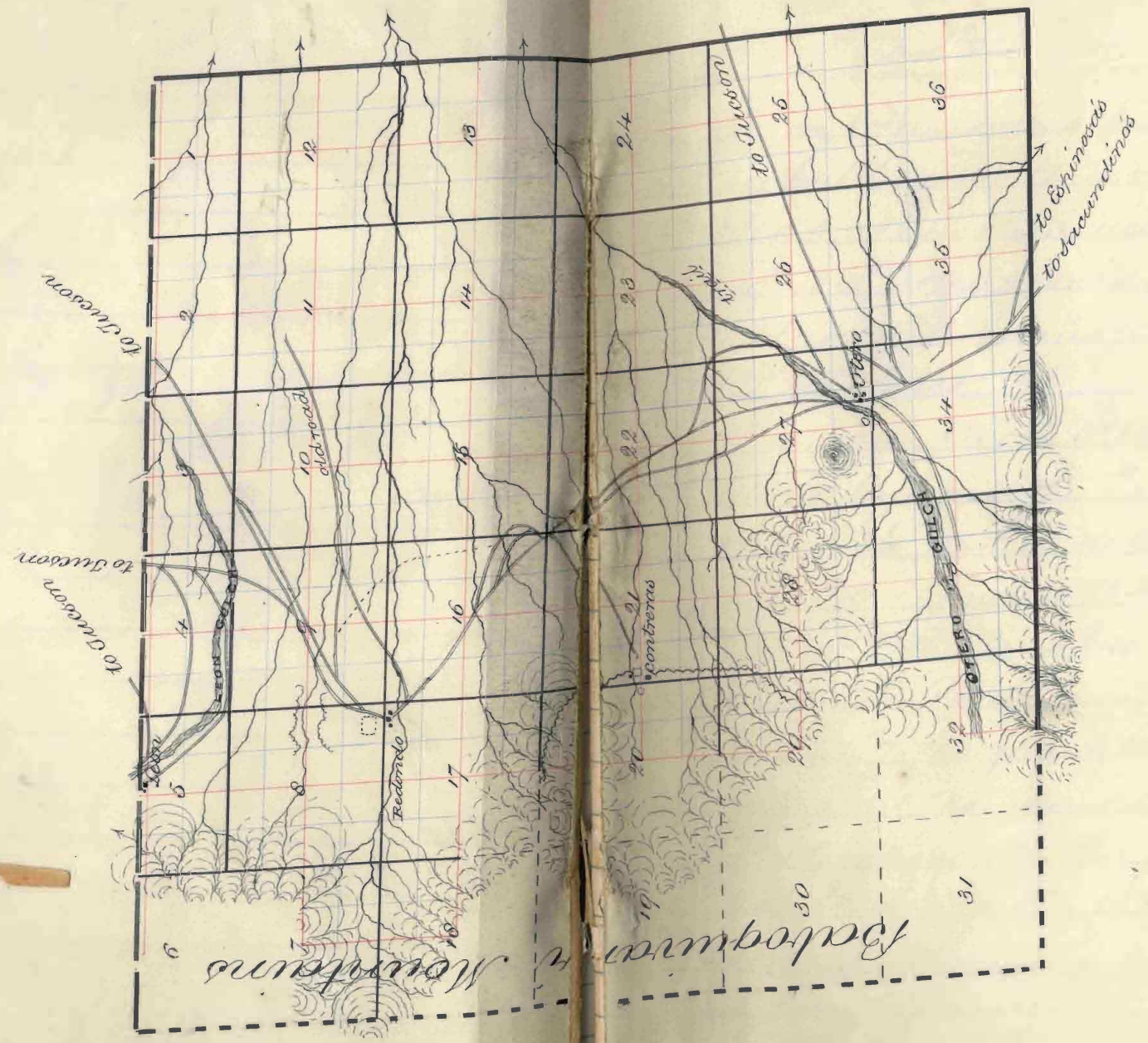
As surveyed by
George J. Rookridge,
U.S. Deputy Surveyor,

Under his Contract No 1
dated March 5th 1886.

Survey Commenced. Oct^r 5, 1886.
" Completed. Oct^r 9, 1886.

Township N^o 18 S. Range N^o 8 E. G. & S. R. Meridian.

BOOK 886



Township 18 S. R 8 E.

Continued.

Before commencing the Survey of the Subdivision lines of this Township I take an observation, using a Young and Sons Solar Transit and find the magnetic variation to be $12^{\circ} 48'$ East.

I then ran North $5^{\circ} 05'$ West on a blank line on the East boundary of Sec. 36, and at 40 Chs. found the $\frac{1}{4}$ Sec. Cor. and at 80 Chs. found the Sec. Cor. I then ran West on a blank line on the South boundary of Sec. 36, and at 40 Chs. found the $\frac{1}{4}$ Sec. Cor. and at 80 Chs. found the Sec. Cor.

My Compass will therefore run the same line as the previous boundaries, and the chaining agrees.

Survey commenced Oct 5th 1886.

Township 18 S. R. 8 E.

Uta Salt River Meridian.

Chains

I commenced at the Cor. to Sec. 1. 2. 35 & 36
on the South boundary of township
previously established and described
by me. Thence I run

N. $5^{\circ} 05' W$, bet. Secs. 35 & 36,

400 yds. $12^{\circ} 48' E$.

Over gently rolling land.

1.50 Arroyo 30 yds. wide corner East.

28.00 Arroyo 18 yds. " " S. E.

40.00 Put a granite stone $15 \times 8 \times 6$ ins. 10 ins. in
the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$
on W. face, dug pits $18 \times 18 \times 12$ ins. N & S.
of stone $5\frac{1}{2}$ ft. dist, and raised a mound
of earth $1\frac{1}{2}$ ft. high. $3\frac{1}{2}$ ft. base along side
from which

A mesquite 6 in. diam. bro. N. $22^{\circ} W$. 202 yds. dist.
marked $\frac{1}{4}$ S. E. J.

No other trees within limits -

Township 18, S. R. 5, E.

Continued.

Chains

50.50 Arroyo 200 ft. wide, Course N. E.

59.50 Old road Course N. E. & S. W.

66.00 Arroyo 300 ft. wide, Course N. E.

80.00 Set a granite stone $18 \times 12 \times 8$ ins. 12 ins. in the ground for Cor. to Secs. 25, 26, 35 & 36. marked with 1 notch on S. & E. edge, dug pits $18 \times 18 \times 12$ ins. in each Sec. 5 ft. dist. and raised a mound of earth 2 ft. high 4 ft. base along side, from which

A mesquite 4 in diam. bro. N. 10° W. 209 ft. dist. marked S. 18, S. R. 5 E. S. 25, 13, 2.

A mesquite 4 in diam. bro. N. 10° E. 278 ft. dist. marked S. 18, S. R. 5 E. S. 25, 13, 2.

No other trees within limits.

Land rolling.

Soil 2^d & 3^d rate. Good Grass

Similar a few mesquite.

Township 18 S R 8 E.

Continued.

Chains

Cha

Cast on a random line bet. Secs. 25 & 36
 700, $12^{\circ} 48' E.$

Over level land.

- 11.00 Arroyo 20 lks. wide course N.E.
- 24.00 Arroyo 20 lks. " " N.E.
- 40.00 Set temporary $\frac{1}{4}$ Sec. cor.
- 80.10 Intersect East boundary of Sp. at 11 lks.
 N. of the Cor. to Secs. 25, 30, 31 & 36,
 previously established and described by me
 Thence down
 N. $89^{\circ} 53' W.$ on a true line bet. Secs. 25 & 36,
 with same var.
- 40.05 Set a granite stone $18 \times 10 \times 8$ ins. 12 ins. in
 the ground for $\frac{1}{4}$ Sec. cor. marked $\frac{1}{4}$ on N. of
 dug pits $18 \times 18 \times 12$ ins. E. & W. of stone 5 ft.
 dist. And raised a mound of earth $\frac{1}{4}$ ft.
 high $3\frac{1}{4}$ ft. base, along side.
- 80.10 The Cor. to Secs. 25, 26, 35 & 36.

Township 18 S. R. 8 E.

Continued.

rais.

Sand level

Soil 2^d & 3^d, rate good grass

Timber a few scattering mesquite & brush

N. 5° 05' W. bet. Rev. 25, & 26,

Var. 148 48' E.

Curb level land

3.00 Arroyo 15 lks. wide course E.

27.50 Arroyo 30 lks. wide, " N.E.

40.00 Put a granite stone 14 x 10 x 8 ins. 10 ins. in
the ground for 74 Sec. Cor. marked 1/4 on W.

face. dug pits 48 x 18 x 12 ins. N. & S. of stone

5 1/2 ft. dist. and raised a mound of earth

1 1/2 ft. high 3 1/2 ft. base alongside.

From which

A mesquite 4 ins. diam. bro. S. 73° E. 158 lks. dist.
marked 1/4 S. R. 8 E.

No other trees within limits.

Township 18 S. R. 8 E.

Continued.

Chances

43.00 Road from Tero's Ranch to Querson
Corner N. 70° E. and S. 70° W.

80.00 Set a granite stone $14 \times 12 \times 6$ ins, 10 ins
in the ground for Cor. to Secs. 23, 24, 25 & 26
marked with 2 scratches on S, and 1 scratch on E edge
4
Aug pits $18 \times 18 \times 12$ ins in each Sec. 5 ft. dia
and paved a surround of earth 2 ft. high 4 ft
base alongside.

Land level.

Soil 2^a & 3^a, rate good grass
timber, scattering mesquite.

East on a random line bet. Secs. 24 & 25.
Yaw. 120° $48'$ E.

Our level land.

40.00 Set temporary $1/4$ Sec. Cor.

50.18 Intersect E. Bay, of Sp. at 10000. S of Cor.

Township 18 S. R. 8 E.

Continued.

to Secs. 19, 24, 25 & 30, previously established
and described by me. Then I run
S. 89° 56' W. on a true line bet. Secs. 24 & 25,
with corner as,

6.09 Set a granite stone 16 x 10 x 6 in. - 11 in. in
the ground for 1/4 Sec. Cor. marked 1/4 on
N. face, dug pits 18 x 18 x 12 in. E & W. of
stone 5 1/2 ft. dist, and raised a mound of
earth 1 1/2 ft. high 3 1/2 ft. base alongside.

7.18 The Cor. to Secs. 23, 24, 25 & 26.

Land level

Pits 2d & 3d, note good grass
Timber a few Mesquite

North 50° 05' W. bet. Secs. 23 & 24

Var 120° 48' E.

Over level lands.

Downship 18 S. R & E.

Continued.

Chains
40.00

Set a post 3 ft. long 3 ins. square, with
marked stone 12 ins. in the ground for 1/4
Sec. Cor. marked 1/4 S. on W. face.
dug pits 18 x 18 x 12 ins. N. & S. of post, 5 1/2 ft.
distant, and raised a mound of earth 1 1/2 ft.
high 3 ft. base around post, from which
a musquite 4 ins. diam. bro. N. 73° E. 32 W. distant,
marked 1/4 S. B. T.

A musquite 6 ins. diam. bro. N. 19° W. 115 W. distant,
marked 1/4 S. B. T.

62.00 Wash 30 W. wide, course N. 70° E.

80.00 Set a granite stone 20 x 10 x 10 ins. 15 ins. in
the ground for Cor. to Secs. 13, 14, 23 & 24.
marked with 3 notches on S. and 1 notch on
E. edge. dug pits 18 x 18 x 12 ins. in each
Sec. 5 1/2 ft. distant, and raised a mound
of earth 2 ft. high 4 1/2 ft. base alongside.
Lana level

Township 18 S. R. 8 E.

Continued.

Chain,

Soil 2^d & 3^d, rate good grass
Timber scattering Mesquite.East on a random line bet. Secs. 13 & 24,
4 av. 12° 48' E.

One level land.

40.00 Set temporary 1/4 Sec. Cor.

52.50 Wash 30 Ws. wide, corner E.

57.00 " 20 Ws. " " N. E.

80.34 Intus at E. Body of Tp. 21 Ws. N. of the Cor. to
Secs. 13, 18, 19 & 24, previously established
and described by me. Thence Run
N. 89° 57' W. on true line bet. Secs. 13 & 24,
with Rammer.40.17 Set a granite stone 20 x 8 x 8 ins. 15 ins. in the
ground for 1/4 Sec. Cor. marked by an N.
face, dug pits 18 x 18 x 12 ins. E & W of stone.

Township 18 S. R 8 E.

Continued

Chains

5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 1 $\frac{1}{2}$ ft. high
 3 $\frac{1}{2}$ ft. base along side. from which
 A mesquite 6 ins. diam. br. S. 60° E. 121 lks. dist.
 marked 74 S. P. T.

A mesquite 12 ins. diam. br. N. 44° E. 138 lks. dist.
 marked 74 S. P. T.

80.34 The Cor. to Secs. 13, 14, 23 & 24.

Sand level

Soil 2^d & 3^a rate, Good Grass
 Timber scattering Mesquite

North 5° 05' W. bet. Secs. 13 & 14
 Tan. 12° 48' E.

Crew level land.

40.00 Set a granite stone 18 x 6 x 6 ins. 12 ins. in
 the ground for 1/4 Sec. Cor. marked 1/4
 on W. face, dug pits 18 x 18 x 12 ins. N. & S.

Township 18 S. R. 8 E.

Continued

chains

- of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base alongside,
- 57.00 Wash 25 lks. wide, course N. E.
- 62.50 Wash 20 lks. " " East.
- 80.00 Set a granite stone $18 \times 12 \times 10$ ins. 12 ins. in the ground for Cor. to Recs. 11, 12, 13 & 14, marked with 4 notches on S. and 1 notch on E. edges, dug pits $18 \times 18 \times 12$ ins. in each Rec. $5\frac{1}{2}$ ft. dist. and raised a mound of earth 2 ft. high $4\frac{1}{2}$ ft. base alongside, from which
- A mesquite, 12 ins. diam. brs. N. 34° W. 86 lks. dist. marked T. 18 S. R. 8 E. S. 11. B. J.
- A palobude, 8 ins. diam. brs. N. 2° W. 130 lks. dist. marked T. 18. S. R. 8. E. S. 11. B. J.
- A palobude, 10 ins. diam. brs. N. 34° E. 14 $\frac{1}{2}$ lks. dist. marked T. 18 S. R. 8 E. S. 12 B. J.
- A palobude 6 ins. diam. brs. S. 69° E. 130 lks. dist.

Township 18 S. R. 8 E.

Continued.

Chain

marked T, 18 S. R. 8, E. S. 13 B. T.

Land level

Soil 2nd rate. Good grass
 Timber scattering Mesquitos.

East on a random line bet. Secs. 12 & 13
 for 120 48' E.

Over level land.

40.00 Det temporary $\frac{1}{4}$ Sec. Cor.

47.00 Wash 30 lks, wide course S. 80° E.

53.00 Wash 60 lks, " " S. E.

79.80 Wash 130 lks. " " N. 80° E.

80.40 Intersect E. Bdg. of Sp. 14 lks, South of the Cor.
 to Recs. 7, 12, 13 & 18, previously established
 and described by me. Thence I run
 S. 89° 54' W. on a true line bet. Secs. 12 & 13,
 with same rate.

Township 18 S R 5 E.

Continued.

40.20

Set a granite stone $12 \times 10 \times 8$ ins. 8 ins. in the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ met. face, Aug pits $18 \times 18 \times 12$ ins. E & W of stone. $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base along side, from which a mesquite 10 ins. diameter, N. 46° E. $\frac{1}{2}$ Mo. dist. marked $\frac{1}{4}$ S. B. T.

no other trees within limits.

80.40

The Cor. to Secs. 11, 12, 13 & 14.

Sand level

Soil 2^a & 3^a race, good grass.

Timber scattering Mesquite & Palo Verde.

North $5^\circ 05'$ N. bet. Secs. 11 & 12

face, $12^\circ 48'$ E.

Over level land.

0.50

Wash 30 Mo. wide, course N. 80° E.

Township 18 S. R 8 E.

Continued

Chains.

- 2.00 Wash 30 lks. wide, course S.E.
- 14.00 Wash 40 lks. wide, S. 70° E.
- 40.00 Set a granite stone $14 \times 12 \times 8$ ins. 10 ins. in the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on W. face, dug pits $18 \times 18 \times 10$ ins. N. & S. of stone, top ft. dist. and raised a mound of earth $\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base alongside from which a mesquite 4 ins. diam. bro. S. 76° E. 32 lks. dist. marked $\frac{1}{4}$ S. P. J.
- A mesquite 4 ins. diam. bro. S. 9° E. 114 lks. dist. marked $\frac{1}{4}$ S. P. J.
- 52.00 Wash 15 lks. wide, course East.
- 20.00 Set a granite $20 \times 12 \times 6$ ins. 15 ins. in the ground for Cor. to Secs. 1, 2, 11 & 12, marked with 5 notches on S, and 1 notch on E. edges, dug pits $18 \times 18 \times 12$ ins. in each sec. $5\frac{1}{2}$ ft. dist. and raised a mound of earth $2\frac{1}{2}$ ft. high, $4\frac{1}{2}$ ft. base,

Township 18 S. R. 8 E.

Continued.

Chains,

alongside, from which
 Mesquite line diam. brs. N. 35° E. 189 ft. dist.
 marked D. 18 S. R. 8 E. S. 1 B. J.
 No other trees within limits.

Sand level, good grass
 Cui 22 + 3a rato

Timber, scattering Mesquite.

East on a random line bet. Secs. 1 & 12,
 4av. 12° 48' E.

Over level land,

40.00 bet temporary 74 Sec. Cor.

80.30 Interset C. Bay, of Sp. 27/12, N. of the
 Cor. to Secs. 1, 6, 7 & 12, previously by
 established & described by me,

Thence I run

N 89° 49' W. on a true line bet. Secs. 1 & 12 with some
 var.

Township 18 S. R. 8 E.

Continued.

Chains

40.15

Set a granite stone $12 \times 10 \times 10$ ins.
8 ins. in the ground for $\frac{1}{4}$ Sec cor, marked
 $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ in. E & W
of stone $5\frac{1}{2}$ ft. dist. and raised a mound
of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base alongside
from which

A mesquite 11 ins. diam. bro. N. 70° W. $8\frac{1}{2}$ lks. dist.
Marked $\frac{1}{4}$ S. T. B. J.

A mesquite 6 ins. diam. bro. S 60° W. $7\frac{1}{2}$ lks. dist.
Marked $\frac{1}{4}$ S. T. B. J.

80.30 The Cor. to Pico. 1. 2. 11 & 12.

Land level

Soils 2d. & 3d. rather good grass

Timber Dead timber Mesquite.

North 50° S. None random line bet. Secs. 14 & 12
7m 12° 48' E.

Township 18 S. R 8 E.

Continued.

Chairs.

One level land

17.00 Wash 30 links wide course East.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

45.90 Intersect N. Bay, of Twp. at 56 links N. of the cor. to Sec. 1, 25. 35 + 36, where I found an old rotten post, lying by the side of a mound of earth and pits, the marks on the post illegible.

I now set a Granite Stone 18 x 10 x 8 ins. marked with 1 notch on E + 5 notches on N. edges, dug pits 18 x 18 x 12 ins in each Rec. 5 ft. dia. and raised a mound of earth 2 ft. high, 4 1/2 ft. base along side.

Then I run S 4° 23' E. on a true line bet. Recs. 1 + 2, with range bar.

5.90 Set a Granite Stone 18 x 10 x 8 ins. 12 ins. in the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on N.

Transection 18 S. R. S. E.

Continued.

Chain

face, aug pits $18 \times 18 \times 12$ in. No. 5 stone
5 ft. dist. and raised a mound of
earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base along
side.

45.90 The Cor. to Secs. 1, 2, 11 & 12.

Land level, good grass

Soil 2^d. & 3^d rate.

Contains a few Mesquite.

October 5th 1886.

✓
From the Cor. to Secs. 2, 3, 34 & 35
on the South boundary of township
previously established and described
by me, from

North $5^{\circ} 05' N$. bet. Secs. 34 & 35.

4av. $12^{\circ} 48' E$.

Ascend from Cor. over rocky ground.

1.50 Summit of little rocky spur from main

Duneship 18 S R & E.

Continued

Chains.	
	Baboquivari Mountain, about 100 feet high and descend.
6.00	Foot of hill and entirely rolling land.
14.50	Road from Otero's Ranch to Espinosas and Saucundinas, course E + N, 70° W.
40.00	Set a limestone 16 x 8 x 6 ins. 11 ins. in the ground for 1/4 Sec. Cor, marked 1/4 on N, face, Aug pits 18 x 18 x 12 ins. N. & S. of stone 5 1/2 ft. dist. and raised a mound of earth, 1 1/2 ft. high 3 1/2 ft. base along side, from which Ameriguite Ind. diam. bro. N. 9° E. 353 No. dist. marked 1/4 S. B. J. No other trees within limits.
44.00	Wash 20 lks, wide course S. 70° E.
53.50	Wash 30 lks. " " N. E.
65.00	Wash 20 lks. " " N. E.
68.00	Old road course E + W.
70.50	Wash 30 lks, wide, course East.

Downship 18 S. R. 8 E.

Continued

Chains,

80.00 Set a granite stone $15 \times 10 \times 7$ ins. 10 ins. in the ground for Cor. to Secs. 26, 27, 34 & 35, marked with 1 notch on S. and 2 notches on E. edges. dug pits $18 \times 18 \times 12$ ins. in each Sec. 5 ft. dist. and raised a mound of earth and stone 2 ft. high, 4 ft. bases, alongside.

Land rolling

Soil 3^a + 4th rate, Good grass
Timber a few Mesquite.

East on a random line bet. Secs. 26 & 35
Tav. $12^{\circ} 48' E.$

Cow rolling lands.

17.00 Wash 30 lks. wide, course N. $70^{\circ} E.$

40.00 Set temporary $\frac{1}{4}$ Sec. cor.

43.00 Wash 30 lks. wide course N. E.

Downshire N.S.R. & E.

Continued.

- 39.81 Intersect N. & S. line at 26 lks. S. of the Cor. to Secs. 25, 26, 35 & 36. Monument 189049 W. on a true line bet. Secs. 26 & 35, with same var.
- 39.91 Set a granite stone 18 x 12 x 8 ins. 12 ins. in the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on N. face. Aug pits 18 x 18 x 12 ins. E. & W. of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base alongside, from which
 a mesquite 8 ins. diam. bro. East 194 lks. dist. marked $\frac{1}{4}$ S. B. T.
 a mesquite 4 ins. diam bro. N. 82° E. 180 lks. dist. marked $\frac{1}{4}$ S. B. T.
- 49.81 The Cor. to Secs. 26, 27, 34 & 35.
 Lana rolling, Good Grass.
 Soil 2nd & 3rd rate
 Dirku scattering mesquite.

Township 18 S. R. 8 E.

Continued.

Chains,

North $5^{\circ} 05' N$. bet. Secs. 26 + 27,
Yac $12^{\circ} 48' E$.Over jointly ~~rolling~~ land

- 13.50 Road from Otero's Ranch to Tucson, course
 $N 70^{\circ} E$, + $S. 70^{\circ} W$. and a branch course $S. W$.
- 33.50 Wood road, course $N. E$. and $S. W$.
- 40.00 Set a granite stone $20 \times 14 \times 12$ ins. 15 ins. in
the ground for 74 Sec. Cor. marked $\frac{1}{4}$ on
 N . face, dug pits $18 \times 18 \times 12$ ins. N + S of stone
 $5\frac{1}{2}$ ft. dist. and raised a mound $5\frac{1}{2}$ ft.
 $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base along side.
- 42.50 Road from Otero's Ranch to Leon's Ranch
course $S. W$. + $N. 20^{\circ} E$.
- 44.00 Otero Wash 3 chs. wide course $N. E$.
- 80.00 Set a granite stone $14 \times 14 \times 10$ ins. 10 ins.
in the ground for Cor. to Secs. 22, 23, 26 + 27,
marked with 2 notches on S . + E . edges.
dug pits $18 \times 18 \times 12$ ins. in each Sec. $5\frac{1}{2}$ ft. dist.

Township 18 S. R. 8. E.

Continued.

Chains.

and raised a mound of earth 2 ft. high,
4 ft. base alongside, from which
A mesquite 2 in. diam. brs. $N 17^{\circ} E$. 277 lks. dist.
marked T. 18. S. R. 8. E. S. 26. B. J.

A mesquite 8 in. diam. brs. $N 45^{\circ} W$. 288 lks. dist.
marked T. 18. S. R. 8. E. S. 22 B. J.

A mesquite 2 in. diam. brs. $N 69^{\circ} W$. 240 lks. dist.
marked T. 18. S. R. 8. E. S. 22 B. J.

No other trees within limits.

Land rolling, good grass.

Soil 2d. & 3d. rate.

Timber scattering Mesquite.

East on a random line bet. Secs. 23 & 26.

"Var. $12^{\circ} 48' E$.

On a gently rolling ground.

S. 30 Road from Otros to Leon's Rancho, Course $S 4^{\circ} 1' W$.

Township 18 S. R. 8 E.

Continued.

Chains.

- 21.00 Old Wash 3 Chs. wide course N. 30° E.
 40.00 Set temporary $\frac{1}{4}$ Sec. cor.
 44.00 Old trail, course N. E. & S. W.
 79.84 Intersect N. & S. line 14 lks. N. of the cor. to
 Secs. 23, 24, 25 & 26. Thence I run
 N. 89° 54' W. on a true line bet. Secs. 23 & 26,
 with same var.
- 39.92 Set a Granite stone 14 + 10 + 8 ins. 10 ins.
 in the ground for $\frac{1}{4}$ Sec. Cor. marked
 $\frac{1}{4}$ on N. face, dug pits 18 x 18 x 12 ins.
 E. & W. of stone 5 $\frac{1}{2}$ ft. dist. and raised a
 mound of earth 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. base,
 alongside, from which
 A mesquite 6 in. diam. brs. N. 43° E. 84 lks. dist.
 marked $\frac{1}{4}$ S. R. J.
 A mesquite 6 in. diam. brs. S. 30° E. 57 lks. dist.
 marked $\frac{1}{4}$ S. R. J.
- 79.84 The Cor. to Secs. 22, 23, 26 & 27.

Township 18 S R 8 E.

Continued.

chains.

Land gently rolling, good grass.

Soils 2^a & 3^a, note.

Timber scattering mesquite.

North $5^{\circ} 05' N$. bet. Secs. 22 & 23,

7av. $12^{\circ} 48' E$.

1.50 Road from Otter's to Leon's Ranch Course $E \& W$.

4.00 Wash 30 lks, wide Course East.

25.00 Wash 10 lks, " " East.

40.00 Set a granite stone $16 \times 8 \times 6$ ins. 11 ins. in the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on W. face, and raised a mound of stone

$1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base, alongside. Pits impracticable, from which

A mesquite 4 ins. diam, bro. N. $11^{\circ} W$. 208 lks. dist. marked $\frac{1}{4}$ S.B.I.

A mesquite 5 ins. diam, bro. N. $30^{\circ} E$. 241 lks. dist. marked $\frac{1}{4}$ S.B.I.

Township 18 S. R. 8 E.

Continued.

Chains.

44.00 Wash 50 lks. wide, course East.

56.00 Wash 15 lks. " " East.

80.00 Set a granite stone $18 \times 10 \times 8$ ins, 17 ins,
in the ground for Cor. to Secs. 14, 15,
22 & 23, marked with 3 notches on
S. and 2 notches on E. edges, dug
pits $18 \times 18 \times 12$ ins. in each Sec. $5\frac{1}{2}$ ft.
dist. and raised a mound of earth,
 $2\frac{1}{2}$ ft. high, $4\frac{1}{2}$ ft. base alongside.

Land rolling. good grass.

Soil 3d & 4th rate.

Timber scattering Mesquite.

East on a random line bet. Secs. 14 & 23.

Yac. $12^{\circ} 48' E.$

Over level land.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

Towns Ship 18 S. R. 8 E.

Continued.

- 39.76 Intersect N. & S. line 11 kts. S. of the Cor. to Secs. 13, 14, 23 & 24. Thence down S. 89° 55' W. on a true line bet. Secs. 14 & 23, with same wav.
- 39.88 Set a post 3 ft. long 3 ins. square, 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. E. & W. of post, 5 $\frac{1}{2}$ ft. deep, and raised a mound of earth 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base around post.
- 49.76 The Cor. to Secs. 14, 15, 22 & 23.
 Land level, good grass.
 Soil 2a & 3a rats
 Timber a few mesquite

By observation taken this day find the Magnetic variation to be 12° 50' East.

Township 18 S. R. 8 E.

Continued

Chains.

North $5^{\circ}05'W$. bet. Secs. 14 & 15
 Yaw, $12^{\circ}50'E$.

Over pretty rolling land.

6.00 Wash 40 lks. wide course $N. 50^{\circ}E$,

40.00 Set a granite stone $18 \times 12 \times 6$ ins, 12 ins,
 in the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$
 on W. face, dug pits $18 \times 18 \times 12$ ins, N. S.
 of stone $5\frac{1}{2}$ ft. dist. and raised a mound
 of earth and stone $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft.
 base alongside, from which
 A mesquite 8 ins. diam. bro. $N. 6^{\circ}W$. 90 lks. dist.
 marked $\frac{1}{4}$ S. R. E.

no other trees within limits.

60.50 Wash 25 lks. wide, course East.

70.00 Wash 30 lks. wide " East.

80.00 Set a granite stone $18 \times 12 \times 8$ ins, 12 ins,
 in the ground for Cor to Secs. 10, 11, 14 & 15,
 marked with 4 notches on S. & 2 notches,

Township 18 S. R. 8 E.

Continued.

Grains.

on E. edges, dug pits $18 \times 18 \times 12$ ins, in each
row, $5\frac{1}{2}$ ft. dist, and raised a mound of earth
 $2\frac{1}{2}$ ft. high, $4\frac{1}{2}$ ft. base alongside, from which
A mesquite bins diam. bro. N. 47° E. 85 lbs. diet.

Marked H, 18 S. R. 8 E. S. 11 B, J,

A mesquite 12 ins diam, bro S. 53° E. 144 lbs. diet.

Marked I, 18 S. R. 8 E. S 14 B, J,

A mesquite bins diam bro. S. 13° W. 220 lbs diet.

marked J, 18 S. R. 8 E, S 15 B, J,

A mesquite bins, diam, bro. N. 47° W. 74 lbs diet.

marked J, 18 S. R. 8 E. S. 10 B, J,

Sand gently falling, good grass,
Soil 2a & 3a rate.

Timber Scattering mesquite.

Cast on a random line bet. Secs. 11 & 14
Yav. $12^\circ 50'$ E.

Township 18 S. R. 8 E.

Continued.

Chains,

Over gently rolling land.

- 2.00 Wash 15 lks. wide, course S. 70° E.
 11.00 Wash 20 lks. wide " S. E.
 40.00 Set temporary $\frac{1}{4}$ Sec. cor.
 79.00 Wash 30 lks. wide, course N. 80° E.
 79.81 Intersect N. & S. line 23 lks. S. of the
 cor. to Secs. 11, 12, 13 & 14.

Thence I run

S. $89^{\circ} 50'$ W. on a true line bet. Secs. 11 & 14,
 with same var.

- 39.91 Set a granite stone 18 x 10 x 6 ins. 12 ins. in
 the ground for $\frac{1}{4}$ Sec. cor. marked $\frac{1}{4}$ on
 N. face. dug pits 18 x 18 x 12 ins. E. & W. of
 stone $5\frac{1}{2}$ ft. dist. and raised a mound of
 earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base alongside
 from which

Asensgate 8 in. diam. brs. N. 40° W. 34 lks. dist.
 Marked $\frac{1}{4}$ S. B. J.

Township 18 S, R 8 E.

Continued.

Chains.

A ¹/₄ mesquite in diam. bro. N. 39° E. 87' lead dit,
marked ¹/₄ S. B. T.

49.81

The Cor. to Secs, 10, 11, 14 & 15.

Land rolling.

Soil 2 or 3 a rate good grass.

Timber scattering mesquite.

North 5° 05' W. bet. Secs. 10 & 11.

Yaw. 12° 50' E.

Over level land.

1.00 Wash 18 lks. wide Course East.

4.50 Old road course E. & W.

6.00 Wash 30 lks. wide, course S. 70° E.

25.50 Wash 50 lks. " " S. W.

40.00 Put a Granite stone 12 x 10 x 8 ins. 8 ins. in
the ground for ¹/₄ Sec Cor. marked ¹/₄ on W.
face, dug pits 18 x 18 x 12 ins. N. & S. of stone

Township 18 S. R. 8 E.

Continued.

Chains.

5 1/2 ft. dist. and raised a mound of earth
1 1/2 ft. high 3 1/2 ft. base alongside,
from which

A mesquite 4 ins. diam. bro. N. 12° E. 13 1/2 lks. dist.
marked 74 S. B. T.

A mesquite 6 ins. diam. bro. N. 33° W. 15 1/2 lks. dist.
marked 74 S. B. T.

40.80 Road course N. 60° E. + S. 80° W.

53.00 Wash 30 lks. guide course East.

60.70 Wash 20 lks. " " S. 70° E.

80.00 Set a granite stone 18 x 12 x 6 ins. 12 ins. in
the ground for Cor. to Sec. 9. S. 10 x 11,
marked with 5 notches on S. and 2 notches
on E. edges. Dig pits 18 x 18 x 12 ins. N. & S.
of stone 5 1/2 ft. dist. and raised a mound
of earth 2 ft. high 4 1/2 ft. base alongside,
from which

A mesquite 12 ins. diam. bro. S. 58° E. 24 1/2 lks. dist.

Township 18 S. R. 8 E.

Continued.

Chains

marked 18 S. R. 8 E. S. 11 B. 7

No other trees within limits.

Land level, good grass

Soil 2a & 3a rate

Timber scattering Mesquite.

East on a random line bet. Secs. 2 & 11

Var. $12^{\circ} 50' E.$

Over level land.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

79.65 Intuscut ch. S. line at 1811 ft. N. of the
Cor. to Secs. 1, 2, 11 & 12, thence I run
 $N. 89^{\circ} 52' W.$ on a true line bet. Secs. 2 & 11,
with same var.

39.83 Set a granite stone $15 \times 15 \times 8$ ins. 10 ins.
in the ground for $\frac{1}{4}$ Sec. Cor. marked
 $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins.

Township 18 S. R 8 E.

Continued.

chains,

E. & W. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base alongside, from which
 A mesquite tree diam. br. N. 46° W. 150 lks. dist.
 marked 74 S. B. D.

No other trees within limits.

79.65

The Cor. to sec. 2, 3, 10 & 11.

Land level.

Soil 2nd & 3^d. rate good grass

Timber scattering Mesquite.

North 5° 05' W. on a random line bet. Sec. 2 & 3
 7/4 mi. 12° 50' E.

Low level land.

24.50

Road from Redonda's Ranch to Tucson, course
 N. E. & S. W.

47.20

Wash 60 lks. wide, course S. 80° E.

Township 18 S. R. 8 E.

Continued.

P. 110.

46. 10 Interest of Boundary of Township at 22 lks. W. of the Cor. to Secs. 2, 3, 34 & 35, which is a post, 3 ins. square firmly set in the ground. Marked-

S. 14, S. 35 on N. E.

R. 8, E. S. 2 on S. E.

S. 18, S. S. 3 on S. W. and

S. 34 on N. W. faces, with 2 notches on the E. and 4 notches on the W. edges. with pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist. and mound of earth 3 ft high, 4 1/2 ft. base alongside. Thence run S. 4° 45' E. on a true line bet. Secs. 2 & 3, with corner out.

6. 10 Set a granite stone 12 x 8 x 6 ins. 8 ins. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face, dug pits 18 x 18 x 12 ins. N. & S. of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft.

Downs lip 18 S. R. & E.

Continued

Chains,

high $3\frac{1}{2}$ ft. base alongside, from which
 a musquite 8 ins. diam, bro. S. 59° E. 123 lks. dist,
 marked $\frac{1}{4}$ S. R. & E.

A musquite 5 ins. diam, bro. S. 6° E. 128 lks. dist,
 marked $\frac{1}{4}$ S. R. & E.

46.10 The Cor. to Secs. 2, 3, 10 & 11.

Land level, good grass,
 Soil 2^a & 3^a, r. & t.

Vineb, scattering Musquite.
 October 6th 1886.

From the Cor. to Secs. 3, 4, 33 & 34 on
 the South boundary of T^h. previously
 established and described by me, Sepn
 N. $50^{\circ} 05'$ W. bet. Reeds: 33 & 34.

7m. $14^{\circ} 50'$ E.

Commence descent from Cor. over North slope
 of rough, rocky ridge, a spur from the Baboquivia

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Township 18, S., R. 8, E.

Continued

- | Mileage. | |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | mountains. |
| 23.00 | Foot gauge, about 300 ft. below Cor. and onto rolling lands. |
| 32.00 | Gulch 8 ft. deep, course N. 20° E. |
| 40.00 | Set a granite stone 16 x 8 x 5 ins., 11 ins. in the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on N. face, dug pits 18 x 18 x 12 ins. N. S. of stone 5 $\frac{1}{2}$ ft. dist. and raised a mound of earth 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft. base alongside. |
| 46.00 | Road course N. 60° E. and S. 60° W. |
| 50.00 | Enter Otero Wash, course N. E. |
| 59.50 | Leave Otero Wash, " N. E. |
| 72.00 | Gulch 4 ft. deep, course S. E. |
| 80.00 | Set a granite stone 22 x 12 x 12 ins., 1 $\frac{1}{2}$ ins. in the ground for Cor. to Secs. 27, 28, 33 & 34 marked with 1 notch on S. and 3 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. |

Township 18 S., R. 8, E.

Continued.

Chains.

2 ft. high, 4 1/2 ft. base alongside.
from which

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see p. 11
BK. 3770

A mesquite 3 in. diam., br. S. 81° W. 192 lks. dist.
marked S. 18 S., R. 8 E. S. 33 13. J.

No other trees within limits.

Land mountainous on S. Rough & hilly on N.

Soil 4th rate & worthless. Good grass.

Timber w few Mesquite & Sycamore.

East on a random line bet. lvs. 27 & 34.
Var. 12° 50' E.

Over rolling land.

6.00 Muck 4 ft. deep, course S. E.

40.00 Set temporary 1/4 Sec. cor.

45.00 Enter Otero Wash, course N. 10° E.

A Bush Corral immediately north of line.

50.00 Leave Otero Wash, course N 10° E.

52.00 Otero's Ranch house and out buildings.

Township 18 S. R. 8 E.

Continued.

Chambers

6.50 chs. North.

The houses are substantially built of adobe, with shingle roofs, water is obtained by a dam (built of stone and lime) across Otero Gulch, the land from this point to the Sec. Cor. is level.

57.10 Road from Otero's Ranch to Saucedinos, course N. \times S. 15° E.

77.00 Branch road, course N. E. \times S. W.

80.14 Intusect et. \times S. line at 16 lks. S. of the Cor. to Secs. 26, 27, 34 \times 35. Thence down S 90 $^{\circ}$ 53' W. on a true line bet. Secs. 27 \times 34, with compass.

40.07 Set a granite stone $20 \times 8 \times 6$ ins. 15 ins. in the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on et. face. Aug. pits $18 \times 18 \times 12$ ins. E. \times W. of stone $5\frac{1}{2}$ ft. dist. and raised a mound

Township 18 S. R. 8 E.

Continued.

Chains,

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

at mesquite 8 ins. diam. brs. S. 77° E. 164 lks. dist.
marked $\frac{1}{4}$ S. B. T.

at Hackberry 8 ins. diam. brs. 184° E. 281 lks. dist.
marked $\frac{1}{4}$ S. B. T.

80.14 The Cor. to Secs. 27, 28, 33 + 34.
Same level 30 Chs. on E. balance rolling
and broken.
Soil 2nd + 4th rate, good grass.
Timber, some Mesquite, Hackberry
and Sycamore, principally
in Otero Gulch.

North $5^{\circ}05'$ W. bet Secs. 27 + 28

Var. $12^{\circ}50'$ E.

Our rough Mountainous land gradually
ascending from Cor.

Township 18 S. R. 8 E.

Continued.

Chains.

- 8.00 Quench 6 ft. deep, course S. E. and runs over East end of rocky hill bearing E & W.
- 33.50 Summit about 450 ft. high and descend.
- 39.00 Quench 20 ft. deep, course East.
- 40.00 Set a granite stone $20 \times 10 \times 8$ ins. 15 ins. in the ground for 74 Sec. Cor. marked 4 on N. face, and raised a mound of stone 1 1/2 ft. high 3 1/2 ft. base along side. Site impracticable.
- 57.00 Quench 10 ft. deep, course S. 80° E.
- 63.00 Foot of rocky hill and onto gently rolling ground.
- 70.00 Wash 30 lks. wide, course N. 80° E.
- 80.00 Set a granite stone $24 \times 16 \times 10$ ins. 18 ins. in the ground for Cor. to Secs. 21, 22, 27 & 28, marked with 2 notches on S. and 3 notches on E. edges, and raised a mound of stone along side. Site impracticable. Land mountainous and rocky for 63 Chs. and soil worthless.

Chains,

Balance gently rolling
 Soil 2nd rate. Good grass
 no timber.

East on a random line bet. Secs. 22 & 27.
 Yac. $12^{\circ} 50' E.$

Over gently rolling land.

- 30.00 West branch of road from Atero's to
 Redondo's Ranchar course N. $10^{\circ} W.$ & S. $10^{\circ} E.$
- 31.00 Wash 20 lks. wide, course S. $20^{\circ} E.$
- 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
- 49.50 East branch of road from Atero's to Redondo's
 Ranchar, course N. $20^{\circ} W.$ and S. $10^{\circ} E.$
- 58.00 Wash 30 lks. wide, course N. $70^{\circ} E.$
- 69.00 Wash 20 lks. " " N. $20^{\circ} E.$
- 76.00 Wash 20 lks. " " N. $10^{\circ} E.$
- 80.10 Interset et. & S. line at 19 lks. N. of the Cor.
 to Secs. 22, 23, 26 & 27, then on down

Township 18 S. R. 8 E.

Continued,

Range.

N. 89° 52' W. on a true line bet. Secs. 22 + 27,
with same var.

40.05 Set a granite stone 20 x 12 x 8 ins. 15 ins. in
the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on
N. face, dug pits 18 x 18 x 12 ins. E. & W. of
stone, 5 $\frac{1}{2}$ ft. dist. and raised a mound
of earth 1 $\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. base along side.

80.10 The Cor. to Secs. 21, 22, 27 + 28,

Land gently rolling.

Soil 2nd rate good grass.

Timber a few Mesquite.

North 5° 05' W. bet. Secs. 21 + 22,

Var. 12° 50' E.

Overpulling land.

5.00 Wash 30 lks. wide, course N. 10° E.

16.00 Wash 20 lks. " " N. 10° E.

Panorship 18 S. R. S. E.
Continued.

- Chains
- 24.00 Wash 30 lks. wide course N. 20° E.
- 39.50 Wash 18 lks. " " N. E.
- 40.00 Set a granite stone 15 x 15 x 8 ins. 10 ins. in the ground for 74 Sec. Cor marked 74 on W. face, and raised a mound of stone 1 1/2 ft. high 3 1/2 ft. base alongside. Pits impracticable.
- 65.00 Wash 50 lks. wide, course N. E.
- 78.00 Road from Redondos to Otero's Rancho, course N. 30° W. and S. 30° E.
- 80.00 Set a granite stone 20 x 10 x 8 ins. 15 ins. in the ground for Cor. to Sec. 15, 16, 21 & 22, marked with 3 notches on S. & E. edges, dug pits 18 x 18 x 12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base alongside. from which at Palo Verde 3 ins. diam. br. S. 53° W. 100 lks. dist. marked T. 18, S. R. S. E. S 21 B. J. at Moquite 8 ins. diam. br. N. 48° E. 32 1/2 lks. dist.

Township 18 S. R. 8 E.

Continued.

Chains

marked T. 18 S. R. 8 E. S 15 T. 3 J.

no other trees within limits.

Land rolling.

Soil 2^d. & 3^d. rate good grass.

Timber, Scattering mesquite & pale budle.

East on a random line bet. Secs. 15 & 22.

4 mi. 12° 50' E.

On level land.

9.00 Wash 50 lks. wide Course N.E.

40.00 Set temporary 1/4 Sec. Cor.

40.00 Wash 40 lks. wide, Course N.E.

80.21 Intersect N.E. line 21 lks. S. of the cor. to
Secs. 14, 15, 22 & 23, thence I run
S. 89° 57' W. on a true line bet. Secs. 15 & 22,
with same var.

40.11 Set a granite stone 16x10x8 in. 11 in. in the

Township 18, S. R. 8, E.

Continued

Chains,

Ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins. E. & W. of stone, $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base along side.

80.21 The Cor. to Secs. 15, 16, 21 & 22.

Land gently rolling.

Soil $2\frac{1}{2}$ in. or so good grass

Timber some mesquite along gulches

North 50° or West. Secs. 15 & 16.

Var. 12° to 57° E.

Drew gently rolling land.

4.50 East branch of road from Otero's to Pedron's Ranches, Course N. 10° E. and S. 10° W.

15.00 Same road Course E. & W.

72.00 Branch of same road Course N. 60° W. and S. 60° E.

Township 18 S. R 8 E

Continued

- 35.00 Wash 50 lks. wide, Course East.
 - 35.00 Wash 30 lks " " East.
 - 40.00 Set a granite stone 16 x 12 x 6 ins, 11 ins. in the ground for 74 Sec. Cor, marked 74 on N. face, dug pits 18 x 18 x 12 ins. N & S of stone, 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 ft. base alongside.
 - 46.00 Wash 30 lks. wide, Course N. 70° E.
 - 78.50 Wash 50 lks. wide " East.
 - 80.00 Set a granite stone 20 x 10 x 8 ins, 15 ins. in the ground for Cor. to Secs. 9, 10, 15 & 16, marked with 4 notches on B, and 3 notches on C, edges, dug pits 18 x 18 x 12 ins. in each sec. 5 1/2 ft. dist, and raised a mound of earth 2 ft. high, 4 ft. base, alongside.
- Land gently rolling
 Soil 2nd. rate. Good Grass
 Timber, a few Mesquites.

Journships 18 S. R. 8 E.

Continued.

Chains,

East on a random line bet. Secs. 10 & 15,
Var. $12^{\circ} 50' E$,

over gently rolling land.

33.00 Wash 50 lks. wide, course $N. 70^{\circ} E$.

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

80.11 Intersect $N. S.$ line 33 lks. $N.$ of the cor.
to Secs. 10, 11, 14 & 15, thence run
 $N. 89^{\circ} 46' W.$ on a true line bet. Secs. 10 & 15,
with same var.

40.06 Set a granite stone $18 \times 16 \times 8$ ins. 12 ins.
in the ground for $\frac{1}{4}$ Sec. Cor. marked
 $\frac{1}{4}$ on $N.$ face, dug pits $18 \times 18 \times 12$ ins.

$E. \times W.$ of stone, $5\frac{1}{2}$ ft. dist, and raised a
mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. bare
alongside. from which

A pale Verde 6 in. diam. br. $N. 68^{\circ} E$, 134 lks. dist.
marked $\frac{1}{4}$ S. B. J.

A pale Verde 4 in. diam. br. $S. 88^{\circ} E$, 13 lks. dist.
marked $\frac{1}{4}$ S. B. J.

Township 18 S. R. 5, E.

Continued

Chains.
80.11

The Cor. to Secs. 9, 10, 15 & 16.

Land gently rolling

Soil 2^d. rate, good grass

Timber some few mesquite & palo Verde.

North $5^{\circ}05'N$, bet. Secs. 9 & 10.

Yaw, $12^{\circ}50'E$.

One gently rolling land.

76.00 Wash 10 lks. wide, course E.

18.00 Wash 12 lks. " " E.

24.00 Old Road, course E & W.

25.00 Wash 15 lks. wide course E.

40.00 Marked a mesquite *Cirs. diam.*, for $\frac{1}{4}$ Sec. Cor.,
marked $\frac{1}{4}$ on N. face, and raised a mound
of stone $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft base, along-
side. Pits, impracticable.
from which.

Township 18 S. R. 8 E.

Continued.

Chains

Amesquite 18 ins. diam. bro. S. 6° W. 75 lbs. diet,
marked 74 S. 3, J.

Amesquite 12 ins. diam. bro. S. 69° E. 234 lbs. diet,
marked 74 S. 3, J.

43.00 Wash 70 lbs. wide, course East.

60.75 Road from Redondo's Ranch to Tucson, course
N. E. & S. W.

63.00 Branch of same road, course N. E. & S. W.

80.00 Set a granite stone 20 x 12 x 6 ins. 15 ins. in
the ground for Cor. to Secs. 3, 4, 9 & 10,

marked with 5 notches on S. and 3 notches
on E. edges, dug pits 18 x 18 x 12 ins. N. & S. of
stone 5 1/2 ft. diet. and raised a mound
of earth 2 ft. high, 4 1/2 ft. base along side
from which

Amesquite 18 ins. diam. bro. N. 71° W. 208 lbs. diet,
marked T. 18 S. R. 8, E. S. 4 B. J.

Amesquite 4 ins. diam. bro. N. 30° E. 77 lbs. diet,
marked T. 18 S. R. 8, E. S. 3 B. J.

Township 18 S. R. 8 E.

Continued.

Cham.

Amesquite 6 in. diam. bro. N. 44° E. 258 lks. dist.
marked S. 18 S. R. 8 E. S. 3 B. J.

Amesquite 8 in. diam. bro. N. 67° E. 249 lks. dist.
marked S. 18 S. R. 8 E. S. 3 B. J.

Land gently rolling.

Soil 2^d & 3^d rate, good grass
Timber Scattering Mesquite & Palo Verde.

East on a random line bet. Secs 3 & 10
"lat. 12° 50' E.

Over gently rolling land.

31.00 Wash 30 lks. wide Cause N. E.

33.00 Road from Redondo's Ranch to Chason, Cause
N. E. & S. W.

49.86 Intersect. of S. line 11 lks. S. of the Cor. to Secs.
2, 3, 10 & 11. Thence S. W.

S. 89° 55' N. on a true line bet. Secs. 3 & 10.

Township 18 S. R 8 E.

Continued.

Chains,

with same var.

39.93

Set a granite stone 18x12x10 ins. 12 ins. in the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on N. face. dug pits 18x18x12 ins. E & W.

of stone 5 $\frac{1}{4}$ ft. diet. and raised a mound of earth 1 $\frac{1}{2}$ ft. high. 3 $\frac{1}{2}$ ft. base along side, from which

A mesquite 6 in. diam. bro. N. 45 E. 106 lks. diet. marked $\frac{1}{4}$ S, 13, 5.

A mesquite 6 in. diam. bro. S. 4 W. 47 lks. diet. marked $\frac{1}{4}$ S, 13, 5.

39.86

The Cor. to Secs. 3, 4, 9 & 10.

Sand gently rolling.

Soil 2nd rate. good grass

Timber (scattering) Mesquite.

North 5° 05' W. on a random timber Sec. 3 & 4

Var. 12° 50' E.

Township 18 S., R. 8. E.

Continued

- Chain^{rs} Cow gently rolling land.
- 1.50 Enter Wash, Course N. 70° E.
- 9.00 Leave Wash, Course N. 70° E.
- 12.00 Wash 30 lks wide course S. 60° E.
- 17.00 Wash 30 lks. " " S. 60° E.
- 38.50 Wash 20 lks. " " East.
- 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
- 46.30 Intersect N. Body, of Sp. 15 lks. W. of the Cor. to
Secs. 3, 4, 33 & 34, which is a granite
stone firmly set in the ground with
3 notches on E. & W. edges, with pits 18 x 18 x
12 ins. in each Sec. 5 $\frac{1}{2}$ ft. dist. and mound
of earth 2 ft high 4 $\frac{1}{2}$ ft. bar alongside.
- Thence down
S. $4^{\circ} 54'$ E. on true line bet. Secs. 3 & 4.
with same var.
- 6.30 Set a granite stone 16 x 10 x 8 ins. 11 ins. in the
ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on W. face,

Township 18 S. R 8 E.

Continued.

Chairs.

and raised a mound of stone 142 ft. high
3 1/2 ft. base along side, pits impracticable
from which

Amesquite bins, diam. bro. N. 72° W. 232 ft. dist.
marked 1/4 S. B. J.

Amesquite bins, diam. bro. S. 6° E. 62 ft. dist.
marked 1/4 S. B. J.

46.30

The Cor. to Secs. 3. 4. 9 & 10.

Sand pretty rolling.

Soil 32 x 4 1/2 rats good grass

Timber peatting mesquite.

October 7th 1886.

From the Cor. to Secs. 4. 5. 32 & 33.
on the South Bdy. of Twp. previously
established and described by me,
Drum

North 5° 05' W. bet. Secs. 32 & 33.

Var. 12° 50' E.

Township 18 S. R. 8 E.

Continued.

Chains

Line runs over and down rocky north slope of Spur from Baboquivair Mountains.

9.00 Foot about 200 ft. below Cor. and line runs over rolling broken ground.

23.00 Gulch 6 ft. deep, course N. E.

32.00 Entire Old Wash, course East.

39.50 Leave " " " East.

40.00 Set a Granite stone $16 \times 12 \times 10$ ins., 11 ins. in the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins. N. & S. of stone $5\frac{1}{2}$ ft. dist. and raised a mound of earth $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base along side, from which

A. Mosquito 5 ins. diam. bro. N. 50° W. 24 lvs. dist. marked $\frac{1}{4}$ S. T. D. J.

A. Mosquito 8 ins. diam. bro. N. 57° W. $\frac{1}{4}$ lvs. dist. marked $\frac{1}{4}$ S. T. D. J.

$\frac{1}{2}$.00 Gulch 20 ft. deep, course S. 80° E. and Commence

Township 18 S. R. 8 E.

Continued,

Chains.

80.00 ascent of East Slope of Baboquivare Mtn
 Set a granite stone $20 \times 12 \times 12$ ins. 15 in.
 in the ground for Cor. to Secs. 28, 29, 32
 33, marked with 1 notch on S. & 4 notches
 on E. edges. dug pits $18 \times 18 \times 12$ ins.
 N. & S. of stone $5 \frac{1}{2}$ ft. dist. and raised a
 mound of earth 2 ft. high $4 \frac{1}{2}$ ft. base
 along sides.

Sand rough & rocky
 Soil worthless. good grass
 Timber scattering Mesquite.

East bet. Secs. 28 & 33.

Cor. $12^{\circ} 50'$ E.

Cor. rough rocky ground, descending
 from Cor.

8.00 Quack 15 ft. deep. Course S. 15° E. and

Township 18 S., R. 8 E.

Continued.

Chains.

run over rolling broken land

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

62.00 Wash 3000s. wide, course S. 70° E.

80.38 Interset N. S. line 3100s. S. of Cor. to Secs.
27, 28, 33 & 34. Thence down
899051' W. on a true line bet. Secs. 28 & 33,
with same var.

40.19 Set a Granite stone 15 x 8 x 8 ins, 10 ins, in the
ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on a face,
dug pits 18 x 18 x 12 ins, E. & W. of stone 5 ft,
distant. And raised a mound of earth 1 1/2 ft high,
3/4 ft. base alongside, from which
A mesquite 8 ins. diam. bears N. 5° W. 7500s. distant.
marked $\frac{1}{4}$ S. B. T.

A mesquite 6 ins. diam. bears S. 51° E. 8200s. distant.
marked $\frac{1}{4}$ S. B. T.

80.38 The Cor. to Secs. 28, 29, 32 & 33.

Land rough and rocky.

Downship 18 S. R. 8 E.

Continued.

Chains.

Sail 4th rate & worthless. Good
Timber a few Mosquito.

North $5^{\circ} 05'$ W. bet. Secs. 28 & 29
" " $12^{\circ} 50'$ E.

Over rough, rocky East slope of Spur
from the Baboquivari Mountains.

12.00 Gulch 10 ft. deep, Course S.E.

26.00 Gulch 18 ft. " " N. 70° E.

40.00 Set a granite stone $18 \times 10 \times 8$ ins. 12 ins.
in the ground for $\frac{1}{4}$ Sec. Cor. marked
 $\frac{1}{4}$ on W. face, and raised a mound
of stone $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base along
side. pits impracticable.

41.00 Gulch ~~wash~~ 20 fms. wide Course N. 70° E.
and enter rolling land.

54.00 Wash 30 fms. wide, Course N.E.

Township 18 S. R. 8 E.

Continued.

Chairs	
59.80	Stone fence, Course S. 20° W. and N. 20° E.
60.00	Wash 30 lks. wide course N. E.
64.00	Wash 30 lks. " " N. E.
71.50	Wash 20 lks. " " N. E.
75.00	Wash 30 lks. " " N. E.
80.00	Set a granite stone 16 x 10 x 8 ins. 11 ins. in the ground for cor. to Secs. 20, 21, 28 x 29, marked with 2 notches on S. and 4 notches on E. edges. and raised a mound of stone alongside. pits impracticable. from which
	Amesquite 8 ins diam, brs. N. 53° E. 283 lks. dist. marked T. 18. S. R. 8. E. S. 21 B. J.
	Amesquite 8 ins, diam, brs. N. 44° E. 265 lks. dist. marked T. 18. S. R. 8. E. S. 21 B. J.
	No other trees within limits.
	Land rough & mountainous.
	Soil 4 th rate & worthless.
	Timber Scattering Mesquite

Township 18 S. R 8 E.

Continued.

Chains.

Cast on a random line bet. Secs. 21 + 28.
 Var. $120^{\circ} 50' E.$

Now rolling land.

5.40 Fence (stone & brush) Course N. & S.

9.00 Wash. 20 ft. wide, Course $N. 20^{\circ} E.$

17.00 " 30 " " Course $N. 30^{\circ} E.$

40.00 Set temporary $\frac{1}{4}$ Sec. Cor.

61.00 Wash 20 lks. wide, Course S. E.

71.00 Wash. 30 lks. " " $N. 60^{\circ} E.$

79.86 Set two cor. N. & S. line at 19 lks. N. of the Cor.
 to Secs. 21, 22, 27 + 28. Thence down
 $N. 89^{\circ} 57' W.$ on a true line bet. Secs. 21 + 28,
 with same var.

39.93 Set a granite stone $20 \times 12 \times 5$ ins. 15 ins.
 in the ground for $\frac{1}{4}$ Sec. Cor. marked
 $\frac{1}{4}$ on N. face, dug pits $18 \times 18 \times 12$ ins.
 E. & W. of stone, $5\frac{1}{2}$ ft. dist. and raised
 a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft.

Township 18 S., R. 8 E.

Continued.

Chains,

base, alongside, from which
Arceoguite 12 in. diam, bro. N. 25° E. 260 lks. dist.
marked 1/4 S. 13, 5.

Arceoguite 6 in. diam, bro. N. 12° E. 241 lks. dist.
marked 1/4 S. 13, 7.

79.86 The bar. to Dec. 20, 21, 28 & 29.

Sand rolling.

Soil 3^a & 4th rate. Good grass.

Timber Beating Mosquito.

By observation taken this day, I
find the magnetic variation to
be 12° 57' East.

North 5° 05' W. bet. Dec. 20 & 21.
Var. 12° 50' E.

BOOK 600

Township 18 S. R. 8 E.

Continued.

Chains,	
	Over rolling rocky land.
0. 18	Wash 10 lks. wide, Cause East.
3. 00	Wash 20 lks. " " E.
8. 00	Wash 30 lks. " " E.
34. 00	Jesus Contreras Ranch House, im- mediately East of line. House substantially built of adobe, Corral built of stone and posts.
40. 00	Set a granite stone 18 x 15 x 8 ins. 12 ins. in the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on N. face and raised a mound of stone $1\frac{1}{2}$ ft. high 3 $\frac{1}{2}$ ft. base, along side, pit impracticable from which A Cottonwood 24 ins. diam. bro. N. 15° E. 243 lks. dist. marked $\frac{1}{4}$ S. B. T. An Ameguitobirdiam. bro. S. 67° E. 105 lks. dist. marked $\frac{1}{4}$ S. B. T.
42. 40	Wash 30 lks. wide Cause East.

Township 18 S. R. 8. E.

Continued.

- Chains
- 57.00 A well of good water 1 ch. East, in Wash.
- 58.20 Wash 30 lks. wide Course E.
- 59.20 Stone fence, course N. 20° W. and S. 20° E.
And Commence ascent of rocky hill.
- 76.00 Summit about 200 ft. high, and Commence descent.
- 80.00 On N. Slope of hill set a granite stone
20 x 12 x 4 ins. 15 ins. in the ground for
Cor. to Secs. 16, 17, 20 & 21, marked
with 3 notches on S, and 4 notches
on E, edges, and raised a mound
of stone alongside, pits impracticable.
Land rolling, 5/80, bal, hilly,
Soil 4th rate and worthless.
Timber, a few mesquite & Cottonwood.

Post on a random line bet Secs 16 & 21.
True 12° 50' E.

Township 18 S. R. 8 E.

Continued.

Chains.	Line runs down N.E. slope of rocky hill from Cor.
18.00	Foot and interquently rolling land.
40.00	Set temporary $\frac{1}{4}$ Sec. cor.
44.00	Wash 30 cks. wide, course N. 20° E.
78.00	Road from Otero's to Redondo's Ranch Course N. W. & S. E.
80. 13	Intersect N. S. line, at 33 cks. S. of the Cor. to Secs. 15, 16, 21 & 22. Three Iron S. $89^{\circ} 46'$ W. on a true line bet. Secs. 16 & 21 with same var.
40.00	Set a granite stone 16 x 10 x 6 ins, 11 in in the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$ on N. face, and raised a mound of stone 1 1/2 ft. high 3 ft. base along side. Not impractical
80. 13	Three cor. to Secs. 16, 17, 20 & 21. Land hilly for 18 chs. on West end of line, but on a rolling.

Township 18 S. R 8 E.

Continued.

chain

Soil 3^d, rate, good grass.
 Timber a few Mesquite.

North $5^{\circ} 05'$ West. Secs. 16 + 17,
 Var. $12^{\circ} 50'$ E

Commenced descent from Cor. over
 rocky North slope of spur from the
 Paboguinian mountains,

11.30 Foot and inter gently rolling land.

28.30 Wash 20 ft. wide, Course East.

40.00 Set a granite stone $24 \times 15 \times 12$, 15 ins. in
 the ground for $\frac{1}{4}$ Section corner
 marked with $\frac{1}{4}$ ~~notches~~ on N. face,
 and raised a mound of stone along side,
 Site impracticable.

71.50 Road from Pedonda's to Otero's Ranch,
 course N. 70° W. and S. E.

Township 18 S. R. 8 E.

Continued.

Chains,

72.00 Wash 1 ch. wide, Conon East,

80.00 Set a granite stone $24 \times 12 \times 9$ ins.
 18 ins. in the ground for Cor. to Secs.
 8, 9, 16 & 17, marked with 4 notches
 on Band E, edges. Aug pits $18 \times 18 \times 12$
 N. & S. of stone $5 \frac{1}{2}$ ft. dist. and raised
 a mound of earth 2 ft high $4 \frac{1}{2}$ ft.
 base along side, from which
 A mesquite 12 ins. diam, brs. N 24° W. 146 lbs, dist.
 marked J. 18 S, R. 8, E. S. 8, T. 3,
 A mesquite 12 ins. diam, brs. N 60° W. 150 lbs, dist.
 marked J. 18 S, R. 8, E. S. 8, T. 3,
 No other trees within limits.

Land 1st 11 chs. hilly & 4th rate,
 balance gently rolling.

Soil 3^a & 4th rate good grass
 Timber a few Mesquites.

Township 18 S. R. 8 E.

Continued.

- Chains
- East on a random line bet. Secs. 9 & 16.
 Fav. $12^{\circ} 50'$ East.
 Land gently rolling land.
 - 25.00 Road course N. 60° E. & S. 60° W.
 - 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
 - 61.50 Road or trail course N. W. & S. E.
 - 79.80 Intersect N. & S. line $1\frac{1}{2}$ m. S. of the cor. to
 Secs. 9, 10, 15 & 16. Thence S. $89^{\circ} 53'$ W. on a true line bet. Secs. 9 & 16,
 with some var.
 - 39.90 Set a granite stone $18 \times 12 \times 6$ ins. 12 ins. in
 the ground for $\frac{1}{4}$ Sec. Cor. in a $\frac{1}{4}$
 on N. face, and raised a mound of
 stone $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base,
 alongside, pits impracticable.
 - 79.80 The Cor. to Secs. 8, 9, 16 & 17.
 Land gently rolling
 Soil 2a, & 3a rate good grass
 Timber Scattering Mesquite

Township 18 S. R. 8 E.

Continued

Chains

North $5^{\circ} 05' W.$ bet. Secs. 8 & 9.
 Yaw. $12^{\circ} 50' E.$

Over gently rolling land.

17.50 Road from Redondo's Rancho to Tucson
 course $N. 60^{\circ} E.$ and $S. 30^{\circ} W.$

21.60 Branch from same road, course $N. 60^{\circ} E.$ -
 and $S. 30^{\circ} W.$

32.00 Enter wooded bottom, course East.

40.00 Set a granite stone $24 \times 12 \times 10$ ins.
 18 ins. in the ground for $\frac{1}{4}$ Sec. Cor.
 marked $\frac{1}{4}$ on W. face, and raised
 a mound of rock $1\frac{1}{2}$ ft high $3\frac{1}{2}$ ft
 base along side. Pits impracticable
 from which

Amesquite 6 ins. diam, brs. $S. 40^{\circ} W.$ 60 lbs. dist.
 marked $\frac{1}{4}$ S. B. J.

Amesquite 10 ins. diam, $S. 42^{\circ} W.$ 96 lbs. dist.
 marked $\frac{1}{4}$ S. B. J.

BOOK 69

Township 18 S. R. 8 E.

Continued.

- Charires.
41.00 Wash 50 lks. wide, course E, and leave wooded bottom.
- 66.00 Wash 2 Chs. wide, course S. 70° E.
- 80.00 Set a granite stone 20 x 12 x 9 ins. 15 ins. in the ground for Cor. to Secs. 4, 5, 8 and 9, marked with 5 notches on S, and 4 notches on E, edges, dug pits 18 x 18 x 12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of earth, 2 ft. high, 4 1/2 ft. base along side, from which
- A mesquite 8 ins. diam. brs. N 60° E. 14 1/2 lks. dist. marked N. 18 S. R. 8 E. S. 4. B. T.
- No other trees within limits.

Land rolling

Soil 2a. + 3a. native good grass.

Timber Scattering mesquite.

Township 18 S. R. 8 E.

Continued.

Chains.

East on a random line bet. Secs. 4 & 9
 Var. $12^{\circ} 50' E.$

Over gently rolling ground

40.00 Set temporary $\frac{1}{4}$ Sec. cor.

53.00 Enter Wash and line runs along ^{wash}

70.00 Road from Redondos to Tucson,
 course $N. 10^{\circ} E. \text{ or } S. 30^{\circ} W.$

75.50 Leave Wash, course $N. 7^{\circ} E.$

80.14 Intersect $N. S.$ line 18 kts. N. of the corner
 to Secs. 3, 4, 9 & 10, thence I run
 $N. 89^{\circ} 57' W.$ on a true line bet. Secs. 4 & 9,
 with same var.

40.04 Set a granite stone $18 \times 10 \times 8$ ins, 12 ins.
 in the ground for $\frac{1}{4}$ Sec. Cor. marked
 $\frac{1}{4}$ on N. face, dug pits, $18 \times 18 \times 12$ ins
 $E. \text{ or } W.$ of stone, $5\frac{1}{2}$ ft. dist. and raised
 a mound of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base
 along side, from which

Township 18 S. R. 8 E.

Continued.

Chains,

Anesquite 12 ins. dia. br. N 44 W. 5 lks. dist.
marked 7 1/4 S. B. T.

An old well wof. deep, bro S. E. 3 Chs. dist.

80.14 The Cor. to Secs. 4, 5, 8 & 9.
Land rolling, Good grass
Soil 2^a & 3^a rate
Timber scattering mesquite.

North to 5° 05' N. on a random line to Secs. 4 & 5,
then 12° 50' E.

On rolling land.

- 1.50 Road course E and N. W.
- 2.00 Centu Wash course E.
- 11.00 Lean Wash, course E.
- 25.00 Road from Leonis Ranch to Faxon
course N. W. & S. E.
- 40.00 Set temporary 1/4 Sec. Cor.

Township 18 S. R. 8 E.

Continued.

Chains.

- 40.10 Road from Lewis Ranch to Tucson -
Course $N. 70^{\circ} E.$
- 41.00 Wash 30 lks. wide, Course East.
- 47.00 Intersect N. Bay. of Sp. at 10 lks. E. of Cor.
to Secs. 4, 5, 32 + 33, which is a
granite stone $10 \times 8 \times 8$ ins, marked
with 4 notches on the E, and 2 notches
on the W. edges, and mound of stone
alongside. Thence I run
 $S. 5^{\circ} 12' E.$ on a true line bet. Secs. 4 + 5,
with some var.
- 7.00 Set a granite stone $18 \times 10 \times 8$ ins, 12 ins.
in the ground for $\frac{1}{4}$ Sec. Cor, marked
 $\frac{1}{4}$ on W. face, and raised a mound
of stone $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft base along-
side, pits impracticable, from which
I mesquite 8 ins. diam. bro. $N. 53^{\circ} E.$ 28 lks, dist
marked $\frac{1}{4}$ S B. T.

Township 18 S. R. 8 E.

Continued.

Chairs,

Amesquit bins diam. 100, S. 88° E. 315 lks. dist.
marked 74 S. B. T.

47.00 The Cor. to Secs. 4. 5. 8 & 9.

Land rolling

Soil 3^d & 4th rate, good grass

Timber scattering Mesquite,

October 8th 1886.

The Western portion of this township
is covered by the Baboquivari Mts.,
and can only partially be surveyed
on account of their roughness.

I therefore go to the Cor. to Secs.
20. 21. 28 & 29 and run

West on a true line bet Secs. 20 & 29.

Var. 12°-50' E.

Over rolling ground.

0.30 Wash 10 lks. wide, Course N. 80° E.

5.00 Wash 20 lks. " " N. 70° E.

16.00 Run wash 20 lks. wide Course S. 70° E.

Township 18 S. R 8 E.

Continued -

Chains.

and line runs over point of rough
23.00 Muck 10 ft. deep, corner N. E.

39.10 Muck 15 ft. deep " N. 30° E.

40.00 Set a granite stone 24 x 15 x 10 ins. 18 in
in the ground for 1/4 Sec. Cor. marked

on N. face, and raised a mound
of stone 170 ft. high 3 1/2 ft. base alongside
pits impracticable from which

An oak 10 in. diam. bro. S. 30° E. 84 lks. dist.
marked 1/4 S. B. T.

An oak 18 in. diam. bro. S. 15° W. 178 lks. dist.
marked 1/4 S. B. T.

I find it impossible to extend this line
any further West, on account of the rough
character of the Baboquivari mountains
Land rolling and hilly.

Soil worthless Good grass.
Timber a few oak W. end of line.

Township 18 S. R. 8 E.

Continued.

Chains.

From the cor. to Secs. 16, 17, 20 & 21, Run
West on a true line bet. Secs. 17 & 20
Yaw. $12^{\circ} 50'$ E.

Line runs along north slope of rocky
hills from the Baboquivari mountains.

21.00 Quack 10 ft. deep, corner N.

36.00 Quack 8 ft. deep. " N, and
stone fence 3 Chs. south.

40.00 Set a granite stone $24 \times 12 \times 10$ ins. 18 ins.
in the ground for $\frac{1}{4}$ Sec. Cor. marked
 $\frac{1}{4}$ on N. face, and raised a mound
of stone $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base along side,
pits impracticable.

I can not extend this line any further
West, on account of the rough character
of the Baboquivari mountains.

Land rough, rocky & mountainous.

Soil worthless.

no timber.

Township 18 S. R 8 E.

Continued:

Chains.

From the Cor. to Secs. 8, 9, 16 & 17, Run
West on a true line bet. Secs. 8 & 17,
Yaz 12° 50' E.

Now rolling land.

14.00

Redondo's Ranch House 2 Chs. South
of line. ~~South~~ The ranch house and
out buildings are substantially
built of adobe. The Corralles are
built of Posts. Water is obtained from
a Spring in Wash just S. of the house

40.00

Set a granite stone 14 x 12 x 5 ins. 10 ins.
in the ground for $\frac{1}{4}$ Sec. Cor. marked
 $\frac{1}{4}$ on N. face. dug pit 18 x 18 x 12 ins
E. & W. of stone 5 $\frac{1}{2}$ ft. dist. and raised
a mound of earth 1 $\frac{1}{2}$ ft. high, 3 $\frac{1}{2}$ ft.
base along side, from which
A Mesquite 6 ins. diam. bro. S 25° W. 60 lbs. dist.
marked $\frac{1}{4}$ S. B. J.

A mesquite 10 ins. diam. bro. N 4° W. 101 lbs. dist.
marked $\frac{1}{4}$ S. B. J.

Township 18 S. R. 8, E.

Continued.

Chains.

58.00 Wash 70 lks. wide, course S. 80° E. a wash from the S. W. comes into the wash at this point.

64.00 Wash 30 lks. wide, course et. E.

80.00 Set a granite stone 15 x 12 x 6 ins. 10 lbs. in the ground for Cor. to Sec. 7, 8, 17 & 18, marked with 4 notches on S. & 5 notches on E. edges, dug pits 18 x 18 x 12 ins. in each Sec. 5 ft. ft. dist. and raised a mound of earth 2 ft. high 4 ft. base alongside, from which

A latelaw bin diam. bro. S. 46° W. 96 lks. dist. marked T. 18. S. R. 8 E. S. 18 B. J.

A mosquito bin diam. bro. N. 19° W. 192 lks. dist. marked T. 18 S. R. 8 E. S. 7 B. J.

A mosquito bin diam. bro. N. 29° E. 156 lks. dist. marked T. 18 S. R. 8 E. S. 8 B. J.

A mosquito bin diam. bro. N. 61° E. 152 lks. dist. marked T. 18 S. R. 8 E. S. 8 B. J.

Land rolling & broken.

Township 18 S. R. 8 E.

Continued.

Chains,

Soil 3^d & 4th rate.

Timber, scattering Mesquite, Catalpa trees.

North $5^{\circ} 05'$ W. bet. Secs. 7 & 8
 7th 12 $^{\circ}$ 50' E.

Over rough rocky ground.

- | | | | | | | |
|-------|---------------------|----|------|-------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4.50 | Wash | 60 | lbs. | wide. | Course | East. |
| 19.00 | Quack | 10 | ft. | deep. | Course | S. E. and
line runs along east slope of
Baboquivari mountains. |
| 23.00 | Quack | 15 | ft. | deep. | Course | S. E. |
| 40.00 | Set a granite stone | 16 | x 8 | x 6 | ins. | 11 ins.
in the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$
on W. face, and raised a mound of
rock $1\frac{1}{2}$ ft. high $3\frac{1}{2}$ ft. base along
side, pits impracticable. |
| 54.00 | Quack | 15 | ft. | deep. | Course | E. |
| 64.00 | " | 20 | " | " | " | E. |
| 71.00 | " | 25 | " | " | " | E. |

Drumship 18 S. R. S. E.

Continued.

- Chains.
80.00 Set a granite stone $20 \times 10 \times 10$ ins. 15 ins. in the ground for Cor. to Secs. 5, 6, 7 & 8, marked with 5 matches on S. and E. sides and raised a mound of stone along side. pits impracticable. Land rough, rocky and mountainous. Soil worthless. Timber some Mesquite and Catalpa in washes, and a few Oak in mountains.
-

East on a random line bet. Secs. 5 & 8.

Yav. $12^{\circ} 50'$ E.

Commence descent from Cor. and line runs down over rocky East slope of the Baboquivan mountains.

- 18.00 Foot of slope about 200 ft. below Sec. Cor. and into rolling land.
- 40.00 Set temporary $\frac{1}{4}$ Sec. Cor.
- 54.50 Wash 60 lks. wide, Course S. 65° E.

Township 18 S. R. 8 E.
Continued.

Chains.

80. 24 Intusset et al. S. line at 31 lks. S. of the
Cor. to Secs. 4, 5, 8 & 9, Thence I ran
S 89° 47' W. on a true line bet. Secs. 5 & 8,
with Range bar.
40. 12 Set a granite stone 18 x 12 x 10 ins.
12 ins. in the ground for 1/4 Sec. Cor.
marked 74 on N. face, and raised
a mound of stone 1 1/2 ft. high 3 1/2 ft.
base alongside, pits impracticable.
80. 24 The Cor. to Secs. 5, 6, 7 & 8.
Land rocky and mountainous for
18 Chs. on the West, & Soil worthless.
Balance rolling & Soil 3^d & 4th rate.
Timber a few mesquite, good grass

North 5° 05' W. on a random line bet Secs 5 & 8

True 12° 50' E.

Over rocky East slope of the Baboquivie
mountains.

Township 18 S. R 8 E.

Continued.

- Chains.
- 5.00 Ravine 10 ft. deep. Course East.
- 22.00 " 15 ft. " " E.
- 37.00 From this point line begins to descend.
- 40.00 Set temporary 74 Sec. Cor.
- 46.85 Intersect N. boundary of township
2 1/2 lks. E. of the Cor. to Secs. 5, 6. 31° 37',
which is a granite stone 14 x 10 x 8 ins.
above the ground, with 5 notches on the
E. and 1 notch on the W. face, and mound
of stone alongside, from which
An oak 24 ins. diam. br. S. 53° E. 27 lks. dist.
marked T 18. R 6 E S 5 B 5.

Thence Run

S. 5° 21' E. on a true line bet. Secs. 5 & 6,
with same var.

- 6.85 Set a granite stone 24 x 12 x 10 ins. 18 ins.
in the ground for 74 Sec. Cor marked 74.
on W. face, and raised a mound of

02
Township 18 S., R. 8 E.

Continued

Chans.

stone $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base along
side. pits impracticable, from which
An Oak 8 ins. diam. brs. $S. 53^{\circ} W.$ 60 lks. dist.
marked $\frac{1}{4}$ S. B. T.

An Oak 18 ins. diam. brs. $S. 17^{\circ} E.$ 48 lks. dist.
marked $\frac{1}{4}$ S. B. T.

46.85

The Cor. to Secs. 5, 6, 7 & 8.

Land rough, rocky & mountainous
Soil worthless.

Timber. Scattered oak.

From the Cor. to Secs. 7, 8, 17 & 18,
Spur

South $5^{\circ} 05'$ E. bet. Secs. 17 & 18.
" " " $12^{\circ} 50'$ E.

Over rough rolling land.

1.50 Wash 30 lks. wide, Course East.

83

Township 18 S. R. 8 E.

Continued.

Chains.

19.00 Wash 30 No. wide, Course N. E.

25.00 " 20 No. " " N. E.

40.00 Set a granite stone $20 \times 12 \times 10$ ins. 15 ins. in
the ground for $\frac{1}{4}$ Sec. Cor. marked $\frac{1}{4}$
on W. face, deep pits $18 \times 18 \times 12$ ins. N. S.
of stone $5\frac{1}{2}$ ft. dist. and raised a mound
of earth $1\frac{1}{2}$ ft. high, $3\frac{1}{2}$ ft. base along
side, from which

A mesquite 6 ins. diam. bro. S. $2\frac{1}{2}$ W. 188 No. dist.
marked $\frac{1}{4}$ S. B. T.

A mesquite 6 ins. diam. bro. N. 41° E. $1\frac{1}{2}$ ft. dist.
marked $\frac{1}{4}$ S. B. T.

I find it impossible to extend
this line any further South on
account of the roughness of the
Baboquiain mountains.

Township 18 S. R. 8 E.

Continued.

Chains

From the Cor. to Sec. 7, 8, 17 & 18

Run

West on a true line bet. Secs. 7 & 18

Var. 12° 50' E.

Over rough rocky land, ascending.

14.00 Church 10 ft. deep Course N.E.

35.00 " 15 ft. " " N.E.

40.00 Set a granite stone 18 x 12 x 10 ins. 12 in the ground for 1/4 Sec. Cor. marked

1/4 on N. face, dug pits 18 x 18 x 12 in

E. N. of stone 5 1/2 ft. dist. and raised

a mound of earth 1 1/2 ft. high 3 ft.

base along side, from which

A mesquite 6 ins. diam. br. S. 70° W. 44 lbs. dist.

marked 1/4 S. B. T.

A mesquite 6 ins. diam. br. S. 55° W. 83 lbs. dist.

marked 1/4 S. B. T.

45.00 Church 10 ft. deep, Course N.E.

80
94A
Township 18 S. R. 8 E.

Continued.

Chains	
51.00	Gulch 20 ft. deep, Course N. E.
55.00	Commence ascent of East slope of the Baboquivari mountains. (Making the necessary calcu- lations for the convergence)
78.80	Set a granite stone $36 \times 10 \times 10$ ins, 2 $\frac{1}{2}$ in in the ground for Cor. to Secs. 7, 12, 13 & 18, marks with 4 notches on S. and 2 notches on N. edges, and raised a mound of stone along side. pit impracticable. Land for 53 Chs. rough & broken, has a few rough and mountainous, Soil worthless. Good grass. Timber, Oak in mountains, Mesquite and Catclaw in Gulches & Washes.

October 9th 1886.

For final oaths see book No. 15.

General Description.

The 2 Western tiers of Secs. lie almost wholly in the Baboquivari mountains and foot hills, and on account of the extreme roughness of the mountains cannot possibly be subdivided.

The balance of the townships consists of rolling and level lands covered with nutritious Grasses, and may be classed as 2^d and 3^d rate, — but, without irrigation the land is of no use for farming purposes.

In the mountains the timber is oak, and in the rolling land it is Mesquite and Catclaw.

In Sec. 27, Fernando Otero,

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General Description, cont.

has a Ranch House, Outbuildings and Corrals, with a large stone and lime dam for the storage of water.

In Secs. 20 + 21, Jesus Contreras has a Ranch, House, outbuildings and Corrals, and has built a stone fence about 2 miles long, enclosing a pasture, water is obtained from a shallow well in wash just North of the house.

In Secs. 8 + 17, Estevan Redondo has a Ranch, house, outbuildings and Corrals, and obtains water from a Spring in the wash just South of the house.

In Sec. 5, Francisco S. Leon, has a Ranch house, Outbuildings and Corrals, and obtains water

General Description, Continued

from a well in Wash, just
East of the house.

All of these parties are
engaged in stock raising.

George Roskrige

U. S. Deputy Sec^{ry}

OFFICE U. S. Surveyor General,

BOOK 886

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Tucson, Arizona,

March 27th. 1888.

The foregoing Field Notes of the surveys of the Subdivision Lines of Township *18* South, Range *8* East, Of the Gila and Salt River Base and Meridian Arizona, executed by George J. Roskrige, U. S. Deputy Surveyor, under his contract of the 5th. day of March 1888, having been critically examined and the necessary corrections and explanations made, the said Field Notes and the surveys they describe are hereby approved.

John Wise
U. S. Surveyor General.