

BOOK 991

Fractional
T. 24 S. R. 23 E.
SUBDIVISIONS

991

J. A. Rockfellow

4-671

BOOK 991

FIELD NOTES
GENERAL LAND OFFICE.

No. 991

No. 991

Field Notes
of the survey of the
Subdivision Lines
of
Tp. 24S. (fractional) R. 23 East
of the
Gila & Salt River Base
and Meridian
of the
Territory of Arizona.

as surveyed by
John A. Rockfellow
U. S. Deputy Surveyor
Under his contract No. 66.
Dated May 22, 1900.

Survey commenced Nov. 3, 1900.
" completed Nov. 10, 1900.

Names and Duties of assistants

O. W. Howard	Chairman
Edward Heber	"
John J. Proffitt	Moundman
Musgrove Burton	"
James Johnson	Flagman

2 3
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Preliminary Oaths of Assistants.

We, Edward Huber
and O. W. Howard

do solemnly swear that we will well and faithfully execute the duties of Chain Carriers; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the

Subdivisions
of Tp 24 S. Range 23 E.

of the Gila and Salt River Base and Meridian in the Territory of Arizona.

Edward Huber Chainman.

O. W. Howard Chainman.

..... Chainman.

..... Chainman.

Subscribed and sworn before me, this 3d

day of November 1899 1900

John A. Rockfellow
Notary Public.

[SEAL]

My commission
expires Apr. 10 1903.

We,

ECOK 991 3A

James Johnson
Geo. T. Proffitt Musgrove Burton

do solemnly swear that we will well and truly perform the duties of

Flagman
Mundman

in the establishment of corners and other duties, according to instructions given us, and to the best of our skill and ability, in the survey of the

Subdivisions
of T^p. 24 S. Range 23 E

of the Gila and Salt River Base and Meridian, in the Territory of Arizona.

James Johnson
Geo. T. Proffitt
Musgrove Burton

Subscribed and sworn to before me this 3d

day of November 189 1900

John A. Rockefeller
Notary Public.

My commission expires
Dec 10 1903

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(1-674.)

36

Township 24 S. R. 23 E.

6	39	5	31	4	24	3	16	2	5	1
41		40		32		25		17		7
7	42	8	33	9	25	10	19	11	8	12
45		44		35		27		20		10
18	46	17	36	16	28	15	21	14	11	13
48		47		37		29		22		13
19	49	20	35	21	30	22	23	23	18	24
30		29		28		27		26		25
31		32		33		34		35		36

6-389

Subdivisions of

Survey commenced Nov. 3, 1900 and executed with a Young & Sons Mountain transit No. 6855 with Smith Solar attachment

The horizontal limb is provided with two verniers that read to single minutes which is the least count of the verniers of the lat. and declination arcs.

The instrument was examined and tested on the true meridian at Tucson Ariz. and found correct, and was approved by the Surveyor General for Ariz. on Dec. 1899.

I test solar apparatus by setting up on the meridian

Tp. 24 S., Range 23 East.

established by me at the International boundary in 1898 in the survey of Tp. 24 S., R. 24 E. I note the bearings at several hours before and after noon and find that they agree with the above mentioned meridian.

Nov. 6th

I commence at the cor of secs. 1, 2, 35, 36 on the N. Bdry. of the Tp. A limestone described in notes of boundary survey.

I hence run S. $0^{\circ} 1' E.$ bet. secs 1 & 2 var. $11^{\circ} 55' E.$ over rolling brushy land.

18.00

✓ Gulch 18 lks. course S. W.

Follow along ~~E~~ bank

31.70

Wagon road Bisbee to San

Subdivisions of

Pedro River E. and W.

45.00 Set a quartzite rock $18 \times 10 \times 4$ ins. 12 ins. in ground for $\frac{1}{4}$ sec. cor., marked $\frac{1}{4}$ on W. face; dig pits $18 \times 18 \times 12$ ins. 3 ft. N. & S. of cor., and raise a mound of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high. W. of cor.

80.50. Set a granite ^{rock} $17 \times 10 \times 10$ ins. 12 ins. in ground for cor. of secs. 1, 2, 11, & 12 marked with one notch on the E and 5 on the S. edges; dig pits $18 \times 18 \times 12$ ins. in each sec. $5\frac{1}{2}$ ft. dist.; and raise a mound of earth $3\frac{1}{2}$ ft. base $7\frac{1}{2}$ ft. high. W. of cor.
Land rolling
Soil 2nd & 3rd rate.
No timber; Much thorny brush
Dense undergrowth 80 chs.

Tp. 24 S., R. 23 East.

E. on random line bet. sect 1 & 12

40.00

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

80.12

Intersect E. Body of Tp. 19 lbs.

S. of cor. secs. 1, 6, 7 & 12. which

is a limestone 6 X 8 X 6 ins.

above ground as described

by Surveyor General

Thence I run

S. 89°-52' W. over rolling
ground Dense under-
growth

12.97

Road Bisbee to Fikes Ranch
brs N.W. & S. E.

35.00

Center of grassy draw N & S.
100 ft wide.

40.06

Set a limestone 16 X 5 X 7 ins.

11 ins. in ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on the N. face.

dig pits 18 X 18 X 2 ins E & W.

Subdivisions of

3 ft. and raise a mound
of earth $3\frac{1}{2}$ ft base $1\frac{1}{2}$ ft. high
N. of cor.

80. 12

The cor secs. 1, 2, 11, & 12.

Land rolling sloping S.

Soil gravelly 2nd class.

No timber: dense under-
growth 80. 12 ch.

$S 0^{\circ}-1' E$. Bet. secs. 11 & 12 var.

$12^{\circ}-05' E$. Descend over
rolling ground covered
with dense undergrowth
sloping gently to south
and west.

20. 47

A & S. E. R. R. (Naco branch)
telegraph line brs. N. $33^{\circ}-21' W$.

21. 66

A & S. E. R. R. brs. N. $33^{\circ}-21' W$ &
S. $33^{\circ}-21' E$.

Tp 24 S., R. 23 East.

31.50 Road Naco & Naco Junction
N.W. & S.E.

40.00. Set a limestone 20X6X6 ins.
15 ins. in ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on W. face: dig
pits 18X18X12 ins. N. & S. 3 ft. dist.
raise a mound of earth
3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high. W. of cor.

69.75 Wagon Road to Sikes Ranch
N.E. & S.W.

75.00

beams dense brush

80.00

Set a porphyry rock 20X6X5
ins. 15 ins. in ground for cor.
of secs. 11, 12, 13 & 14 marked
with one notch on the E. 4 on
S. dig pits 18X18X12 ins. in each
sec. 5 $\frac{1}{2}$ ft. dist. and raise
a mound of earth 4 ft. base
2 ft. high W. of Cor.

Land Rolling. Soil 2nd rate.
growth ^{70%} brush
No timber Much thorny brush. Dense underbrush

Subdivisions of

N. $89^{\circ}52'E$. on a random line bet. secs. 12 & 13. On rolling ground.

40.00. Set temp. $\frac{1}{4}$ sec. cor.

80.12. Intersect E. Bdy. of Tp. at 4 lbs. N. of cor. secs. 7, 12, 13, & 18.

a limestone $6 \times 5 \times 4$ ins above ground marked and witnessed as delivered by Surveyor General.

Thence run S. $89^{\circ}54'W$. on a true line bet secs. 12 & 13.

00.54 barbed wire fence bet N & S, enclosing pasture of J. H. McMillin

39.70 Barbed wire fence bet N & S, west boundary of same pasture.

40.06 Set a limestone $14 \times 7 \times 6$ ins 9 ins. in ground for $\frac{1}{4}$ sec.

Tp. 24 S., R. 23 East.

cor. marked $\frac{1}{4}$ on N. face: dig
 $18 \times 18 \times 12$ cuss. $\frac{1}{4}$
 pits, E & W. 3 ft and raise
 a mound of earth $3\frac{1}{2}$ ft base
 $1\frac{1}{2}$ ft high N. of cor.

- 40.61. Telegraph line A. & S. E. R. R.
 brs. N. $33^{\circ}-21'W.$ & S $33^{\circ}-21'E.$
- 41.71. A. & S. E. R. R. bears N. $33^{\circ}-21'W.$
- 53.15. Wagon road Naco to Naco
 junction brs N, W. & S. E.
- 80.12 Cor. secs. 12, 11, 13, 14,
 Land rolling, covered with
 scattering brush.
 Soil gravelly 2nd rate.
 No timber.

S. $0^{\circ}-1'E.$ bet. secs. 13 & 14 var. $12^{\circ}-10^{\circ}$

8.00 Cabin of Miss Ella Fike about
 5 chs. E.

10.00. Ranch house of Mrs. W. M. Fike.

Subdivisions of
about 12 chs. W.

10.82

Road N.W. & S.E.

40.00.

Set a limestone $18 \times 8 \times 5$ ins
12 ins. in ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on W. face.
dig pits $18 \times 18 \times 2$ ins. N. & S. 3 ft.
& raise a mound of earth $3\frac{1}{2}$
ft. base $1\frac{1}{2}$ ft. high. W. of cor.

41.60

Barbed wire fence bro E. &
W. enclosing pasture N. W. Cor
about 4 chs. rt. of line

80.00.

Set a quartzite $15 \times 8 \times 8$ ins.
10 ins. in ground 10 ins. in ground
for cor of secs 13, 14, 23 & 24.
marked with one notch on the
E. and 3 notches on the S.; dig
pits $18 \times 18 \times 2$ ins in each section
 $5\frac{1}{2}$ ft. dist; and raise a m'd
of earth 4 ft. base 2 ft. high. W. of
cor. Land rolling. Some brush
No timber.

Tp. 24 S., Rang 23 East.

N. $89^{\circ} 54' E.$ on a random bet.
secs. 13 & 24.

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

80.06 Intersect East Bdy. of Tp. 16 lks.
S. cor. secs. 13, 14, 23 & 24. which
is a quartz rock $5 \times 8 \times 6$ ins.
above ground marked
and witnessed as described
by the Surveyor General.

Thence I run

S. $89^{\circ} 47' W.$ on true line bet.
secs. 13 and 24. Barbed-wire
fence enclosing ^{field} Buntons bro.
N. & S.

0.68. S.E. cor. ~~of~~ ^{of} house of H. L. Bunt-
ton

0.87. S.W. of same

.90 Red barn 4 chs. S.

Through cultivated field

10.42. Barbed wire fence N. & S.

Subdivisions of

10. 51. Ditch 2 ft. wide N. & S.
14. 84. Road N. W. & S. E.
19. 40. Frame house of A. G. Cury.
about 5 chs. S.
40. 03. Set a quartzite rock 15x8x6
ins. 10 ins. in ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on N. dig pits.
18x18x12 ins E. and W. 3 ft.; &
raise a mid of earth $3\frac{1}{2}$ ft.
base $1\frac{1}{2}$ ft. high. N. of cor.
41. 34. Barbed wire fence N. & S.
58. 40. Adobe house of J. S. Young.
about 18 chs. N.
62. 40. Wash in gulch 9 lks. wide
course N.
80. 06. Cor. secs. 13, 14, 23 & 24.
Land rolling sloping. N.
Soil 1st and 2nd rates.
No timber some brush.

T p. 24 S., R 23 East.

S. $0^{\circ} 1' E$. bet. secs, 23 & 24 var.

$12^{\circ} - 20' E$.

11. 00. B. ^{marked} Wire fence E. & W.

12. 51. Intersect International B'd'y.

80.12 chs. W. of the closing
cor. of ranges 23 & 24 E. on
the international B'd'y
Also 46.33 chs. E. of the Interna-
tional B'd'y monument no. 93.

Set a quartzite rock for
closing cor. $18 \times 9 \times 7$ ins. $.12$ ins.
in the ground for closing cor.
Marked.

On N. face	c.c.
" E. "	1 notch
" S. "	M E X.
" W. "	5 notches.

Dig pits $30 \times 24 \times 12$ ins. 3 ft. E & W
and $24 \times 18 \times 12$ ins. 7 ft. N. all
crosswise, raise a mid of

16.

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Subdivisions of
earth 4 ft. base 2 ft. high
N. of cor.

Nov. 6. 1900

Nov. 7.

From cor. secs. 23, 34, 35, on N.
B'dy I run S. $0^{\circ} 1' E$ ^{bet. sec. 2 & 3} over rolling
ground gradually sloping S.
covered with ^{denser} thorny brush $12 \times 40'$

22.55

40.00

Road to San Pedro brs N.W. & S.E.
Set a limestone $16 \times 8 \times 6$ ins
11 ins in ground for $\frac{1}{4}$ sec. cor.,
mark $\frac{1}{4}$ on the W. face. ; dig
pits $18 \times 18 \times 12$ ins. and $18 \times 8 \times 8$ ins.
(to bedrock) 3 ft. N. & S.; raise a
m'd of earth and stones $3\frac{1}{2}$ ft.
base 2 ft. high W. of cor.

59.43

Road Bisbee to San Pedro
River brs N. E. & S. W.

Tp 24 S., R. 23 East.

62.12 A part of ~~Saddle~~ road
 80.00 Set a limestone 20X8X5 ins.
 15 ins. in ground for cor. secs.
 2, 3, 10, & 11. marked with 2 notches
 on the E. and 5 notches on the S.
 edges; dig pits 18X18X12 ins.
 in each sec. $5\frac{1}{2}$ ft. dist.;
 raise a mid of earth 4 ft.
 base 2 ft. high. W. of cor.
 Land rolling
 Soil gravelly 2nd rate.
 No timber: scant grass.
 Dense cat-claw bush 80 chs.

Thence E. on a random line
 bet. secs. 2 & 11.

40.00 Set a temporary stake
 79.90 @ intersect N. & S. line 5 lks. S. of
 cor. secs. 1, 2, 11 & 12.

Subdivisions of

- Thence I run thro. dense brush
S. $89^{\circ}-58'$ W. on true line bet secs. 2 & 11.
- 13.63 Telegraph line A. & S. E. R. R.
brs S. $32^{\circ}-21'$ E & N. $33^{\circ}-21'$ W.
- 14.40 A. & S. E. R. R. same course.
- 19.10 Wagon road brs. N. W. & S. E.
- 23.30 Wash ~~9~~ wide course S.
- 39.95 Set a quartzite rock $14 \times 7 \times 6$
ins. 10 ins in ground for $\frac{1}{4}$ sec. cor.
marke $\frac{1}{4}$ on N. face; dig pits
 $18 \times 18 \times 2$ ins (one a little shallow
on acct of bedrock) E. & W. 3 ft.
and raise a mid of earth
 $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.
- 79.90 The cor. secs. 2, 3, 10, 11.
Land rolling.
Soil gravelly. 2nd rate
No timber; much brush.
Dense underbrush 7990chs.

Twp. 24 S. R. 23 East.

- 6.00 S. 0°-1'E. bet ^{through dens U. brush} secs 10^{pt} 11 var. 12°-46E
 Leave dense underbrush
- 41.00 Set a quartzite rock 14 X 10 X 7
 ins. 10 ins in ground for $\frac{1}{4}$
 cor. marked $\frac{1}{4}$ on W. face.;
 dig pits 18 X 18 X 12 ins. 3 ft N. & S.;
 raise a mound of earth
 $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.
- 42.00 Enter valley bet. E. & W.
- 42.89 Road along valley bet. E. & W.
- 43.10 Barbed-wire-fence N.W. & S.E.
- 80.00 Set a limestone 17 X 10 X 8
 ins. 12 ins in ground for cor
 secs, 10, 11, 14, 15 marked
 with 2 notches on E. and
 4 on the S. edges. dig pits 18 X 18
 X 12 ins. in each sec. $5\frac{1}{2}$ ft. dist.
 and raise a mound of
 earth 4 ft. base 2 ft. high W.
 of cor. Land rolling & level.
 Soil 1st & 2nd rates.
 No timber dense brush. 6 chs.

Subdivisions of

N. $89^{\circ} - 58' E.$ on a random
line bet. secs. 11 & 14.

40. 50. set temp. \perp sec. cor.

79. 94. Intersect N. & S. line at cor.
secs. 11, 12, 13 & 14.

Thence I run S. $89^{\circ} - 58' W.$
on a true line bet. secs. 11 & 14

9. 08 Road to Fikes Ranch bet. N. E. &
S. W.

12. 00. Fikes ranch house about 10 chs. S.

16. 30. Valley road bet. S. S. E. & W. N. W.

39. 97. Set a limestone $14 \times 10 \times 8$ ins.

10 ins in ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on the N. face; dig
pits $18 \times 8 \times 12$ ins. 3 ft. E. & W.

and raise a mound of
earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.

7. 9. 94

Cor. to sec. 10, 11, 14, & 15.
Land gravelly & level along valley.

Soil 1st & 2nd rates.

No timber, scattering mesquit brush

Twp. 24 S., R. 23 East.

- S. 0° -1'E. bet secs. 14 & 15. va/22-20^E
2. 00 Leave valley ascend mesa
brs. N.W. & S.E.
9. 00 Level mesa sloping N.
31. 00. Barbed wire fence N.W. & S.E.
40. 00 Set a quartzite rock 14X10
x5 ins. 10 ins in ground for $\frac{L}{4}$
sec. cor. marked $\frac{L}{4}$ on
W. face, build a monu-
ment of stone 3 ft. base 2 ft.
west of cor.; pits impracti-
cable.
- 80.00 Set a quartzite rock 16X10X6
ins 11 ins. in ground for cor. sec.
14, 15, 22 & 23. mark with 3
notches on the S and with 2
" " " E.; dig pits 18X18X12
ins. in each sec. $5\frac{1}{2}$ ft. dist.
raise a m'd of earth 4 ft base
2 ft. high W. of cor.

Subdivisions of

Land ^{valley} level & mesa.

Soil 1st, 2nd & 3rd rates.

No timber; scattering brush.

 N. 89°-58' E. on a random line
bet. secs. 14 & 23.
40.00. Set temp. $\frac{1}{4}$ sec. cor.79.91. Intersect N. & S. line 5 lks N. of
cor. secs. 13, 14, 23, & 24. Thence
run W. on a true line bet. secs.
14 & 23 over rolling ~~mesa~~ land4.00 Barbed
B_A-wire fence bet. N. & S.39.955 Set a quartzite rock 15 X 10 X 9 ins.
10 ins. in ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N.; dig pits 18 X 18 X 12
ins. 3 ft. E. & W. & raise a ridge of earth79.91 $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. N. of cor. secs. 14, 15
Cor. to secs 14 and 15
22 & 23. Land mesa. Soil gravelly.
no timber, scattering
loam 1st & 2nd rates. mesquit brush

Tp. 24, S., R. 23 East.

S 0°-1'E. bet. secs. 22 & 23

12.57 Intersect International B'dy
33.⁶⁰ chs. west of International B'dy
Monument No. 93. Set a quartz
ite rock 18 X 10 X 10 ins. 12 ins in the
the ground for closing cor.
Marked C.C. on the N. face

" with 2 notches " " E. "

" " MEX " " S. "

" " 4 notches " " W. "

Dig pits 30 X 24 X 12 ins. 3 ft. E. & W.
and 24 X 18 X 12 ins 7 ft. N. (all
crosswise) raise mid of earth
4 ft. base 2 ft. high N. of cor.

Nov. 7, 1900.

Subdivisions of

Nov. 8. 1900

- From the cor. secs. 3, 4, 33⁴
 34 on the N. bdy. Run ^{50000' E.} bet sec.
 3+4 var. 12°-40' thro. dense brush.
- 33.00. Road N.W. & S.E.
- 40.00. Set a limestone 12X10X5 ins. 8 ins.
 in ground for $\frac{1}{4}$ sec. cor. marked
 $\frac{1}{4}$ on the W.; dig pits 18X18X12
 ins. 3 ft. N. & S., raise a mid of
 earth $3\frac{1}{2}$ ft base $1\frac{1}{2}$ ft, high
 W. of cor.
- 80.00. Set a limestone 13X7X5 ins 8 $\frac{1}{2}$
 ins. in ground for cor. secs. 3, 4,
 9 & 10 marked with 3 notches on E
 and " " 3 " on S. edges.
 Dig pits 18X18X12 ins. in each
 sec. $5\frac{1}{2}$ ft. dist. raise a mid of
 earth 4 ft base 2 ft. high. W.
 of cor. Sand rolling, ~~clear~~ ^{80 ch.} brush
 No timber, soil gravelly 2nd rate.

7 p. 24 S., R. 23 East.

E. on a random line bet.
secs. 3 & 10.

40.00 Set the temp. $\frac{1}{4}$ sec. cor.

79.91. Intersect N. & S. line 1 lb. S. of
cor. secs. 2, 3, 10, 11, Thence
Drun W. on true line bet.
secs. 3 & 10. through dense brush

39.95 $\frac{1}{2}$ Set limestone $1\frac{1}{4} \times 10 \times 7$ ins.
9 ins in ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N. face; build
monument of stone 4 ft. base.
3 ft. high N. of cor.; pits imprac-
ticable

79.91. cor. secs. 3, 4, 9 & 10.

Land rolling and bushy.

Soil gravelly 2nd & 3rd rate.

Dense brush 79.91 chs.

S. 0°-2' E, bet. secs. 9 & 10 var. 12°-20' E
through dense brush.

6.72. Road N.W. & S.E.

Subdivisions of

10.00

Leave dense brush

18.00

Enter valley bds E. & W.

30.00

Leave " " " "

40.00.

Set limestone $14 \times 12 \times 6$ ins. $9\frac{1}{2}$ ins in ground for $\frac{1}{4}$ sec. cor.mark $\frac{1}{4}$ on W.; dig pits $18 \times 18 \times 12$

ins. 3 ft. N. & S.; raise a mid

of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high

W. of cor.

80.00.

Set a quartzite rock $18 \times 11 \times 9$

ins. 12 ins in ground for cor. secs.

9, 10, 15, 16. marked with 3

notches on the E. and $\frac{4}{2}$ notcheson the S. edges. dig pits $18 \times 18 \times 12$ ins. in each sec. $5\frac{1}{2}$ ft. distand raise a mid of earth 4 ft.
base 2 ft. high W. of cor.

Land rolling and level.

Soil 1st & 2nd rates.

No timber, much brush

Dense brush 10 chs.

Twp. 24 S., R. 93 East.

East on a random line bet.
secs. 10 & 15.

40.00. Set temp. $\frac{1}{4}$ sec. cor.

79.92. Intersect N. & S. ^{line} by 3 lks.

S. of cor. sections 10, 11, 14 & 15.

Thence I run S. 89-59 W. bet
secs. 10 & 15. on a true line.

ascend along mesa.

22.84. Barb. wire fence hrs. N. & S.

39.00. Wash 40 lks. wide course S.

39.96 Set a quartzite 15 X 10 X 6 ins.

10 ins in ground for $\frac{1}{4}$ sec. cor.

marked $\frac{1}{4}$ on the N. face.;

dig pits 18 X 18 X 12 ins. 3 ft. E. & W.

and raise a rid of earth 3 $\frac{1}{2}$

ft. base. 1 $\frac{1}{2}$ ft. high. N. of cor.

79.92. cor. secs. 9, 10, 15, 16.

Land mesa

Soil 2nd rate.

No timber, scattering brush.

Subdivisions of

$50^{\circ} 2' E$ bet. Secs. 15 & 16 vs. $12^{\circ} 20' E$.

Ascend greatly sloping mesa.

40.00

Set a quartzite rock $14 \times 8 \times 6$ ins. 9 ins. in ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face. dig pits $18 \times 18 \times 12$ ins N. & S. 3 ft raise a mid of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W. of cor.

80.00.

Set a quartzite rock $18 \times 10 \times 8$ ins. 12 ins. in ground for. cor. secs. 15, 16, 21 & 22. marked with 3 notches on the S. and 3 on the E. edges. and 24 S. on N. E. face and 23 E. on S. E. face Dig pits $18 \times 18 \times 12$ ins in each sec. $5\frac{1}{2}$ ft. dist. and raise a mid of earth 4 ft. base 2 ft. high W. of cor.

Land mesa

Soil 2nd rate

Tp. 24S., R. 23 East.

No timber; scattering brush

N. $89^{\circ}59'E$. bet. secs. 15 & 22
on a random

40.00. Set temp. $\frac{1}{4}$ sec. cor.

79.91. Intersect N. & S. line 2 lks.

S. of cor. secs. 14, 15, 22 & 23.

Thence I run S. $89^{\circ}58'W$.

on a true line bet. secs. 15 &
22.

39.25 $\frac{1}{2}$ Set a quartzite rock 15x18
x 5 ins. 10 ins. in ground for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ on N. face
dig pits 18x18x12 ins. E & W.
3 ft. and raise a mid of
earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft high
N. of cor.

2.84 Wash 15 lks. wide course
N.

Subdivisions of

79.91 Cor. secs. 15, 16, 21 & 22
 Land mesa sloping N.
 Soil 2nd rate.
 No timber and scattering
 brush.

S. $0^{\circ}-2'E$. bet. secs. 21 & 22. var.
 $12^{\circ}-20'E$.

12.57. Intersect International B'dy
 79.89 chs. W. of c.c. to secs.
 22 & 23. Also 50.85 chs. E. of
 International B'dy monument.
 No. 94.

Set a quartzite rock 18×10
 $\times 6$ ins for closing cor. marked
 C. C. on N. face, 3 notches on
 the E. M. E, X on the S. and 3
 notches on the W. face.
 Dig pits $30 \times 24 \times 12$ ins.

Tp. 24 S., R. 23 East.

3 ft. E. & W. and 24 X 18 X 12
ins. 7 ft. N. (all crosswise) &
raise a mid of earth 4 ft
base 2 ft. high N. of cor.

Land mesa

Soil 2nd rate

No timber and scatter-
ing brush

Nov 8

Nov. 9. 1900.

From cor. to secs. 4, 5, 32
& 33 on N. B'dy Gravel thro. dense
brush. 0° - 2° E ^{bet. secs 4 & 5 thro. R. B.} var. 12° - 46° E

40.00.

Set a limestone 14 X 8 X 6
ins. 10 ins in ground for
 $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on
W. face. Dig pits 18 X 18 X 12
ins. 3 ft. N. & S. of stone
and raise a mid of earth

Subdivisions of

- $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft high. W. of cor.
 60 00 Leave dense brush
 76. 00 Enter valley bro. E. & W.
 77. 20 Road bro E. & W.
 80. 00. Set a quartzite $14 \times 12 \times 12$
 10 ins. in ground for cor. of
 secs. 4, 5, 8, & 9. marked with
 4 notches on the E. and 5
 notches on the S. Dig pits
 $18 \times 18 \times 12$ ins. in each sec-
 tion $5\frac{1}{2}$ ft. dist.; and raise
 a ridge of earth 4 ft base
 2 ft. high W. of cor.
 Land rolling & level, and
 brushy.
 Soil 1st and 2nd rates.
 - Dense brush 60 chs.

East. bet. secs. 4 and 9 on
 a random line.

Tp. 24 S., R. 23 East.

- 40.00 Set temp $\frac{1}{4}$ sec. cor.
- 79.89 Intersect N. & S. line 6 lks. S.
of cor. secs. 3, 4, 9 and 10
Thence I run S. $89^{\circ} 58' W.$
on a true line bet. secs. 4 & 9.
- 36.00 Road bro N. W. & S. E.
- 39.94 $\frac{1}{2}$ Set a limestone 16 X 8 X 6 ins.
11 ins. in ground for $\frac{1}{4}$ sec.
^{marked $\frac{1}{4}$ and N. face}
cor. Dig pits 18 X 18 X 12 ins E
and W. 3 ft. and raise a
mid of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$
ft. high N. of cor.
- 79.89 Cor. secs. 4, 5, 8 & 9.
Land rolling & brushy.
Soil 2nd rate.
No timber
~~Dense brush 40 ch~~
-
- S. $0^{\circ} - 2 E$ bet. secs. 8 and 9 va. $12^{\circ} 30' E$
2. + 5 Leave valley, ascend mesa.

Subdivisions of

- 40.00 Set a quartzite rock 15 X 8
X 6 ins 10 ins in ground for
L sec. cor. marked $\frac{1}{4}$ on
 $\frac{4}{4}$ N. face Dig pits 18 X 18 X 12 ins.
N & S. ^{of stone} 3 ft. dist. and raise
a mid of earth $3\frac{1}{2}$ ft. base
 $1\frac{1}{2}$ ft. high W. of cor.
- 80.00 Set a granite 17 X 14 X 8 ins
12 ins. in the ground for
cor. secs. 8, 9, 16 & 17 mark-
ed with 4 notches on the
E face and " " " "
S ". Dig pits 18 X 18 X 12 ins. in
each sec. $5\frac{1}{2}$ ft. dist. and
raise a mid of earth 4 ft. base
2 ft. high. W. of cor.
Land mesa.
Soil 2nd rate.
No timber, scattering brush.

Tp. 24S., R. 23 East.

N. $89^{\circ} 56' E.$ on a random line bet. secs. 9 & 16 for the cor. secs. 9, 10, 15 & 16 plainly visible

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.95 Cor. secs. 9, 10, 15 & 16.

hence I run $S 89^{\circ} 56' W.$ on a true line bet. Secs. 9 & 16

39.97 $\frac{1}{2}$ Set a quartzite $18 \times 10 \times 8$ ins. 12 ins. in the ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on the N. Diggins $18 \times 18 \times 12$ ins 3 ft.

E. & W. \therefore and raise a mid of earth $3\frac{1}{2}$ ft base $1\frac{1}{2}$ ft. high.

N. of cor.

79.95. Cor. secs. 8, 9, 16 & 17.

Land mesa.

Soil 2nd rate

No timber scattering brush.

Subdivisions of

S. 0° - 2' E bet. secs. 16 & 17 var. 12° - 25'

40. 00. Set a quartzite rock 18 X 8 X 8
in 12 ins. in ground for $\frac{1}{4}$
sec. cor. marked $\frac{1}{4}$ on the
W. Dig pits 18 X 18 X 12 ins 3 ft
N. & S. of stone, and raise
a mid of earth $3\frac{1}{2}$ ft. base
 $1\frac{1}{2}$ ft. high. W. of cor.

80. 00. Set a quartzite rock 14 X
10 X 8 in. 10 ins in the ground
for. cor. secs. 16, 17, 20 & 21. mark
with 4 notches on the E. ~~face~~,
and 3 " " " S Edges
Dig pits 18 X 18 X 12 ins in each
section, and raise a
mid of earth 4 ft. base 2 ft.
high. W. of cor.

Land mesa.

Soil 2nd rate

No timber; scattering brush.

Tp. 24S., R. 23 East.

N. $89^{\circ}56'$ E. on a random
line bet. secs. 16 & 21.

40.00. Set temp. $\frac{1}{4}$ sec. cor

79.98 Intersect N. & S. line 5 lks. N.
of cor. secs. 15, 16, 21 & 22.

Thence run $5.89^{\circ}58'W.$
on true line bet. secs. 16 & 21

40.00 Set a limestone 16 X 8 X 8 ins.
11 ins. in ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on N. face.

Dig pits 18 X 18 X 2 ins. 3 ft.
E. & W. of stone and raise
a mid of ~~storkh~~ $3\frac{1}{2}$ ft base
 $1\frac{1}{2}$ ft. high. Noz cor.

79.98. Cor. secs. 16, 17, 20 & 21.

Land mesa

Soil 2nd rate

No timber, scattering brush

Subdivisions of

- S. $0^{\circ}-2' E$, bet. secs. 20 & 21.
11. 00 Wash 8 lks. wide course
N. N. E.
12. 52 Intersect International
B'd'y 29. 11 chs. W. of B'd'y mon-
ument. No. 94.
- Set a quartzite rock 16×10
 $\times 8$ ins // ins in ground for
closing cor. Marked C.C. on
N. face, 4 notches on E. face
M E X on S. face, and 2
notches on the W. face.
- Dig pits $30 \times 24 \times 12$ ins 3 ft.
E. & W. and $24 \times 18 \times 12$ ins 7 ft.
N. of cor. raise a mid of earth
Ht. base 2 ft. high N. of cor.
- Land mesa
- Soil 2nd rate
- No timber scattering brush.

Twp. 24 S., R. 23 East.

From cor. secs. 5, 6, 31 & 32
on N. B'dy. Run $50^{\circ}-3'$ E. bet.
secs. 5 & 6. var $12^{\circ}-25'$

Over rolling ground and
through dense undergrowth
Sloping toward S & W

29.77

Road brs. N.W. & S.E.

40.00

Set a quartzite $14 \times 8 \times 6$ ins,
10 ins in ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on W. face;
Dig pits $18 \times 18 \times 12$ ins. 3 ft. N &
S. and raise a mound of
earth $3\frac{1}{2}$ ft. base $\frac{1}{2}$ ft. high.

50.00

W. of cor.
~~near dense brush~~

69.30

Enter valley Naco Draw
brs. E. & W.

70.46

Road brs. E. & W.

80.00

Set a quartzite rock 14×10
 $\times 7$ ins. 10 ins in ground for
cor. secs 5, 6, 7, 8. marked

Subdivisions of
 with 5 notches on the E. and
 " " " " " Sedges
 Dig pits 18X18X12 ins in each
 section $5\frac{1}{2}$ ft. dist. and
 raise a m'd of earth 4 ft.
 base. 2 ft. high. W. of cor.
 Land rolling & level
 Soil 2nd & 1st rates.
 No timber; much brush,
 mesquit, and catsclaw.
 Dense undergrowth 50. chs.

E. on a random line bet.
 secs. 5 and 8.

40.00. Set temp. $\frac{1}{4}$ sec. cor

79.86 Intersect N. & S. line 4 lks.

N. of cor. secs. 4, 5, 8 and 9.

Hence I run N. 89° - 58' W.
 on true line bet. secs. 5 and 8.

Tp. 24S., R. 23 East.

- 39.93 Set a quartzite rock 13×8
 $\times 7$ ins. 9 ins in ground for $\frac{1}{4}$
 sec. cor. marked $\frac{1}{4}$ on N face;
 dig pits $18 \times 18 \times 12$ ins E. & W.
 3 ft. of stone and raise a mid
 of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high. N. of cor.
- 79.86 Cor. secs. 5, 6, 7, and 8.
 Land gravelly and level
 Soil. 1st and 2nd class.
 No timber, little brush.

W. on a random line bet.
 secs. 6 and 7.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.66 Intersect W. $\frac{1}{4}$ Bid'y 1⁴ k. S. of
 cor. secs. 1, 6, 7, and 12.

Thence I run E. on a true
 line bet. secs. 6 & 7 across
 mesa.

Subdivisions of

- 39.66 Set a quartzite rock $18 \times 6 \times 6$ ins. 12 ins. in ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on N. face: dig pits $18 \times 18 \times 12$ ins 3 ft. E. & W. of stone and raise a mid of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high N. of cor.
- 71.50 Enter valley brs W.N.W. & E.S.E.
- 73.60 Slough 4 ft. deep 20 ft. wide brs. N. & S.
- 79.66 Cor. secs. 5, 6, 7 and 8.
Land mesa & flat.
Soil 2nd and 1st. rate.
No timber little brush.

S. 0° - 3° E Bet. Secs. 7 and 8.
var. 12° - 30° E

- 8.00 Leave valley ascend mesa brs. E.S.E and N.N.W.

Tps. 24S., R. 23 East.

- 40.00 Set a quartzite rock $14 \times 7 \times 6$ ins. 10 ins in ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on W. face dig pits $18 \times 18 \times 12$ ins 3 ft. N. & S. of stone and raise a m'd of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high W. of cor.
- 80.00 Set a quartzite rock $18 \times 9 \times 7$ ins. 12 ins in ground for cor. secs. 7, 8, 17 and 18. marked with 5 notches on E. edge and 7 notches on the S. edge.
 ^{$18 \times 18 \times 12$ ins.}
 Dig pits in each section $5\frac{1}{2}$ ft. dist and raise a m'd of earth 4 ft. base 2 ft. high W. of cor.
 Land mesa.
 Soil 2nd rate
 No timber, scattering brush

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BOOK 991

Subdivisions of

S. 89°-58'E. on a random line
bet. secs. 8 & 17

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.97 Intersect N. & S. line at cor.
secs 8, 9, 16 and 17. Thence I
run N. 89° 58' W on a true line
bet. secs. 8 and 17.

39.98 $\frac{1}{2}$ Set a quartzite rock 15x5x6
ins. 10 ins. in ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on N. face.
Dig pits 18x18x12 ins. 3 ft. E. & W.
of stone; and raise a m'd
of earth $3\frac{1}{2}$ ft. base $1\frac{1}{2}$ ft. high
N. of cor.

79.97 Cor. Secs. 7, 8, 17 and 18

Sand mesa

Soil 2nd rate

No timber scattering brush

Nov. 9, 1900.

Twp. 24.S., Range 23 East.

Nov. 10, 1900.

From cor. secs. 7, 8, 17 and 18.

Run W. on a random line bet.
secs. 7 and 18.

40.00

Set temp. $\frac{1}{4}$ sec. cor

79.78

Intersect N. v. S. B'd'y 9 lks N. of
cor. secs. 7, 12, 13, 18. Thence I
run N. $89^{\circ} 56' E$ on true line bet.
secs. 7 and 18.

39.78

Set a quartzite rock 18 x 8 x 8 ins.
12 ins. in ground for $\frac{1}{4}$ sec. cor.
marked $\frac{1}{4}$ on N. face, and raise
a mid of stone 3 ft. base $2\frac{1}{2}$ ft. high
N. of cor.; pits impracticable

79.78

cor secs. 7, 8, 17 and 18.

Land mesa

Soil 2nd & 3rd rates

Not timber, little brush.

Subdivisions of

S. $0^{\circ}-3'E$ bet. secs. 17 & 18 var. $12^{\circ}-30'E$

40.00

Set a quartzite rock $14 \times 6 \times 7$ ins 10 ins in ground for $\frac{1}{4}$ sec. cor. marked $\frac{1}{4}$ on the W. face. raise a mid of stone 3 ft. base $2\frac{1}{2}$ ft high W. of cor. pits impracticable.

80.00.

Set a quartzite rock $18 \times 6 \times 7$ ins 12 ins in ground for cor. of secs. 17, 18, 19 and 20.marked with 5 notches on E. and 3 notches on the S. edges. dig pits $18 \times 8 \times 12$ ins. in each sec. $5\frac{1}{2}$ ft. dist. and raise a mid of earth 4 ft. base 2 ft. high. W. of cor.

Land mesa

Soil 2nd and 3rd rate.

No. timber, little brush.

Tp. 24S., R. 23 East.

S. $89^{\circ}58'E$ bet secs. 17 and 20
on a random line.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.85. Intersect ^{$\frac{1}{4}$ line} 2 lks S. of cor. secs.
16, 17, 20 and 21. Thence I run
N. $89^{\circ}59'W$. on true line bet.
secs. 17 and 20.

9.92 $\frac{1}{2}$ Set a granite rock 18X9X7 ins
12 ins in ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on N. face.

^{15X15X12 ins.}
dig pits, 3 ft. E. & W. of stone
and raise a mound of earth
3 $\frac{1}{2}$ ft. base 1 $\frac{1}{2}$ ft. high N. of cor.

79.85 Cor. secs. 17, 18, 19 and 20

Land Mesa

Soil 2nd rate

No timber little brush

Subdivisions of

W. bet. secs. 18 and 19

The cor of secs. 13, 18, 19
and 24 on W. Bdy being
plainly visible I run
fort W. on a random line.

40.00. Set temp. $\frac{1}{4}$ sec. cor.

79.96. cor. secs. 13, 18, 19 and 24

Thence I run E. on a true
line bet. secs. 18 and 19.

39.96. Set a granite 15X10X8 ins.

10 ins. in ground for $\frac{1}{4}$ sec.
cor. marked $\frac{1}{4}$ on N. face;
dig pits 18X18X12 ins. 3 ft.
E. & W. of stone; and raise
a mid of earth $3\frac{1}{2}$ ft. base
 $1\frac{1}{2}$ ft. high N. of cor.

79.96. Cor. secs. 17, 18, 19 and 20.

Land mesa and rolling
Soil 2nd and 3rd rate
Not a ber, little brush.

Tp. 24 S., R. 23 East.

S. 0°-3' E. bet. secs. 19 and 20

12.5' Intersect International Bdy
79.84 chs. W. of C. C. ^{secs.} 20 and 21.

also 63.65 chs. E. of International Bdy
Monument No. 95.

Set a quartzite rock 18 X 8
X 8 ins for closing cor. marked

C. C. on the N. face

5 notches " " E. "

M. E. X " " S. "

1 notch " " W. "

Dig pits 30 X 24 X 12 ins. 3 ft.

E. and W. of stone and 24 X 18
X 12 ins. 7 ft. N. (all crosswise
of lines) and raise a mid
of earth 4 ft. base 2 ft. high
N. of corner.

Land mesa

Soil 2nd rate.

No timber, very little brush. Nov. 10.

Subdivisions of

General Description

This fractional township lies³ between the International B'd'y and the Mules Mts. A narrow & irregular valley crosses it in a north westerly direction; The slope being toward the San Pedro River five or six miles west.

The soil in this valley is a sandy loam of excellent quality but water is found only at great depths.

Northward the country is a limestone region covered with mesquit, catsclaw and great-wood bushes, producing fair grass.

Southward is a mesa gradually sloping up to the foots hills of San Jose Mountains in Mexico. This mesa region is covered with excellent grasses. There is no timber. The Naco

Tp. 24 S., R. 23. East.

Branch of the Arizona and South Eastern R.R. passes through the eastern portion. The junction with the main line from Bisbee is but a few chains north of the N. Bdy of Sec. 2.

There are 4 settlers in sec. 13, one in sec 14 and 3 residences a part of the town of Naco, in the fractional sec. 24.

The township west is very similar to this, and probably includes a portion of the San Pedro River; it should be surveyed. The Tp. N. is largely in the Mule Mts. the western portion is a rolling grassy region & might be surveyed to a good advantage.

John A. Rockefeller
U.S. Dep Surveyor

List of Names. BOOK 991

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A List of the Names of the Individuals
employed by *John H. Rockwell*
U. S. Deputy Surveyor, to assist in running, meas-
uring and marking the lines and corners described
in the foregoing Field Notes of the survey of the

Subdivisions of
Tp 24 S.
R 28 E.

of the Gila and Salt River Base and Meridian, in
the Territory of Arizona, showing the respective
capacities in which they acted.

W. Howard Chainman.

Ed. Huber Chainman.

Chainman.

Chainman.

Geo. T. Proffitt ~~Chainman~~
Axeman.

Wm. S. Bustin Axeman.

James Johnson Flagman.

3 53 BOOK 991

Final Oath of Assistants.

We hereby certify that we assisted John A. Rockfuss U. S. Deputy Surveyor, in surveying all those parts or portions of the Subdivisions Tp 24 S Range 23 E.

of the Gila and Salt River Base and Meridian, in the Territory of Arizona, as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established according to the instructions furnished by the United States Surveyor General for Arizona.

Edward Huber Chainman.
W. Howard Chainman.
..... Chainman.
..... Chainman.

Geo. P. Proffitt ^{Moundman} Axeman.
Mrs. Gros Burton Axeman.
James Johnson Flagman.

Sworn to and subscribed before me, this 11th day of November, 1899 1900

John A. Rockfuss
Notary Public.
My com. expires
Apr 10 1903

[SEAL.]

Final Oath of U. S. Deputy Surveyor.

BOOK 991

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I, John A. Rockfellow

U. S. Deputy Surveyor, do solemnly swear that in
pursuance of a contract received from Royal A. Lee
Johnson, United States Surveyor-General for Ari-
zona, bearing date of the 27^d day of

May ¹⁹⁰⁰~~189~~, I have well, faith-
fully, and truly, in my own proper person, and in
strict conformity with the instructions furnished by
the United States Surveyor-General for Arizona,
the Manual of Surveying Instructions, and the
laws of the United States, surveyed all those parts

or portions of the Subdivisions
of T^p 24 South
Range 23 East

of the Gila and Salt River Base and Meridian, in
the Territory of Arizona, as are represented in the
foregoing Field Notes as having been surveyed by
me and under my direction; and I do further
solemnly swear that all the corners of said surveys
have been established and perpetuated in strict
accordance with the Manual of printed instructions,
the special instructions of the United States Sur-
veyor-General for Arizona, and in the specific

55 manner described in the field notes, and that the foregoing are the true Field Notes of such survey; and should any fraud be detected I will suffer the penalty of perjury, under the provisions of an act of Congress approved August 8, 1846.

John H. Rock
U. S. Deputy Surveyor

Sworn to and subscribed before me this 29th

day of *December*, 1890



A. H. Emmanuel

Clerk

1st

Judicial District

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BOOK 991

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APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GEN'L.

Tucson Arizona, 1902.

The foregoing field notes of the surveys of The Subdivisions Lins
of Tract T. 24 S; R. 23 E -----

Gila & Salt River Meridian,

executed by John A. Rockfellow

under his contract No. 66 dated 7/22/1900

having been critically examined, and the

necessary corrections and explanations

made, the field notes, and the surveys

they describe, are hereby approved.

August H. Price

U. S. Surveyor General for Ariz