

W.C. 21

Recd. with W.C. 1891

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Approved. by Com^r

Y. L. O. Sept 20th 1891

1594

4-671

BOOK 1594

1594

FIELD NOTES

GENERAL LAND OFFICE.

Boundary T. 6 S. R. 31 E

fractional feet. West boundary

T. 6 S. R. 30 E

Extension 1/2nd Standard parallel South

Contract No. 18

Daniel Drummond

Dated May 29th 1891

Survey commenced July 13th 1891
survey completed Dec 2nd 1891

BOOK 1594

10-94

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Township 6 S., R. 30 E.

BOOK 1594

15

15	6	5	4	3	2	1	11
	7	8	9	10	11	12	9
	18	17	16	15	14	13	7
	19	20	21	22	23	24	5
	30	29	28	27	26	25	3
	31	32	33	34	35	36	1

1594

BOOK 1594

Field notes
of the survey of the west boundary
Township 6. South, Range. 31 East
and
fractional part. of N. boundary of
Township 6. South. Range 30 East
and
Extension of 1 Standard parallel. South
of the
Gila and Salt. river base and
Meridian
in the
Territory of Arizona as surveyed by
Daniel Drummond
Under his contract No. 18
Dated May. 29th 1891
Survey commenced May 29th 1891
Survey completed Sept 2nd 1891

West Boundary T. 6. S. R. 31. E.

chains I begin at the Cor.
to Tps 6 and 7. S. R. 30th & 31st E
recently established by
me. Thence I run
North bet Secs 31st and 36.
Var. 12° 30' E.

9.20 Top of mesa.

12.20 leave mesa. and descend

35.10 Wash 15 lks wide Course E.

35.80 Wash 15 lks wide Course S. E.

38.10 Top of ridge running S. E.

40.00 Set a Lava Stone 18x10x4
ins. 12 ins in the ground
for 1/4 Sec Cor. Marked 1/4
on W. face. and raised a
mound of stone 1 1/2 ft
high. 2 ft base. Alongside
Pits impracticable

46.85 Wash 35 lks wide Course E.

West Boundary T. 6. S. R. 31. E.
chs.

- 49.20 Top of ridge running E. & W.
51.50 Wash 30 lks wide Course E
56.10 Top of ridge running E. & W.
60.50 Wash 10 lks wide Course E
69.10 Top of ridge running E. & W.
79.65 Wash 10 lks wide Course S. E.
80.00 Set a limestone 18x8x7 ins
12 ins in the ground for.
Cor to Secs 25, 30, 31 and 36.
Marked with 5 matches on
N. and 1 match on S. faces
and raised a mound of stone
2 ft high. 4 1/2 ft base
alongside. Pit's impracticable
Land. rough and mountainous
Soil rocky and gravel ^{4th ruffe}
No timber

West Boundary T. 6. S. R. 31 E

Chains North bet Secs. 25 and 30.
Va. $12^{\circ} 31' E$.

10.15 Top of ridge running N.E.

17.05 Wash 10 lks wide Course N.E.

26.80 Top of ridge running E

40.00 Set a lava 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. 2 ft base. Alongside
Pits impracticable

70.40 Wash 20. lks wide Course N.E

76.45 Edge of mesa.

80.00 Set. a lava Stone $16 \times 10 \times 6$
ins. 12 ins in the ground
for Cor. to Secs. 19, 24, 25 and 30
with 4 notches on N and
2 notches on S. faces.

West Boundary J. C. S. R 31 E

sh. and raised a mound of stone
2 ft high. $4\frac{1}{2}$ ft base, alongside
Pits impracticable

Land rough and broken
Soil rocky and gravelly ^{3d note}
No timber

West Boundary T. 6. S. R. 31. E.

chains North bet Secs. 19 and 24,
Va. $12^{\circ}30'E$

- 7.80 Wash. 15 lks wide Course E
 9.30 Enter mesa
 20.80 Wash 35 lks wide Course N.E.
 28.00 Top of ridge running N.E.
 40.00 Set a granite stone $16 \times 10 \times 4$
 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. 2 ft base alongside
 Pit's impracticable
 48.95 Wash 25 lks wide Course E
 54.00 Top of ridge. running E. & W.
 56.10 Wash 15. lks wide Course N.E.
 59.10. Top of ridge running E. & W.
 80.00 Set a limestone $20 \times 8 \times 5$
 ins. 14 ins. in the ground

West Boundary T. 6, S. R. 31, E.

pho. for Cor. to Secs. 13, 18, 19 and 24.
Marked with 3 notches on
N and S faces, and raised a
Mound of Stone. 2 ft high
4 1/2 ft base alongside
Ditch impracticable
Land hilly and broken
Soil sandy and gravel ^dmate
No timber

July 19, 1891

West Boundary T. 6. S. R. 3. E

chains North bet Sec. 13, and 18.

Va. $12^{\circ} 30' E$

- 1.10 Wash 10 lks wide Course N.E.
 11.80 Wash 15 lks wide Course N.E.
 14.60 Enter mesa
 25.40 Wash 10 lks wide Course E
 27.10 Enter mesa
 38.00 Wash 15 lks wide Course E.
 40.00 Set a lava stone $16 \times 9 \times 6$ ins
 12 ins in the ground for
 $\frac{1}{4}$ Sec Cor. marked $\frac{1}{4}$ on
 W face. And raised a Md.
 of stone $1\frac{1}{2}$ ft high 2 ft.
 base. ^{along way} But impracticable
 43.50 Top of ridge running N.E.
 62.00 Wash 25 lks wide Course N.E.
 66.00 Wash 10 lks wide Course S.E.
 73.25 Wash 20 lks wide Course E
 76.00 Top of ridge running E.

West Boundary T. 6. S. R. 31. E.

hs.
0.00 Set a lava Stone 24x10x5
ins. 18 ins in the ground
for Cor. to Secs. 7, 12, 13 and 18
Marked with 2 notches on N.
and 4 notches on S faces.
and raised a mound of Stone
2 ft high. 4 1/2 ft base
alongside. Pits impracticable
Land rolling and hilly
Soil Stony. 3^d rate
No timber

West Boundary T. 6 S. R. 31 E

chains North by Secs. 7 and 12.

Va. $12^{\circ}30'E$

over rocky mesa

40.00 Set. a black lava stone

16x9x5 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. 2 ft base along side.

Pit's impracticable

71.80 Wash 40 lks wide Course N.W.

79.10 Wash 20 lks wide Course N.E.

80.00 Set. a limestone 24x15x10

ins. 18 ins in the ground for Cor. to Secs. 1, 6, 7 and 12

Marked with 1 notch on N. and 5 notches on S faces and raised a mound of stone 2 ft high. $4\frac{1}{2}$ base, alongside

West Boundary T. 6. S. R. 31. E.

chs	Pits impracticable Land Level + stony Soil rocky 3 ^d rate No timber
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West Boundary T. 6. S. R 31 E

Chains North bet Secs 1 and 6.

Va. $12^{\circ} 30' E$.

3.74 Centu of Arizona New Mex
Rail Road Course N. W.

5.30 Left bank of the Gila River
Set a post, 4 ft long, 4 ins
square, with marked stone
12 ins in the ground, for
Meander Cor. to fractional
Secs. 1 and 6, marked M.C.
on N face, and T. 6. S. on S.
R 31 E Sec 6 on E. and
R 30 E Sec 1 on W faces
dug pit 3 ft square, 12 ins
deep, 8 lks S of post
and raised a mound of
earth, 2 ft high, $4\frac{1}{2}$ ft
base, around post.

West Boundary T. 6. S. R. 31 E

chs.
19.70 Right bank of the Gila River. Set a post 4 ft. long, 4 in square, with marked stone, 12 ins in the ground, for Meander Cor. to fractional Secs. 1, and 6. Marked M.C. on S face. T. 6. S. on N face R. 31. E. Sec 6 on E face R. 30 E Sec. 1 on W face and raised a mound of stones 2 ft high, 4 1/2 ft base, around post.

Pit's impracticable

24.50 entire mesa

26.85 old wagon road course N 60° E

36.20 entire bottom

37.80 Wash 65 lks wide Course NW

40.00 Set a granite stone 16 x 8 x 5

West Boundary T. 6. S. R. 31 E

chs. ins. 12 ins in the ground
for 1/4 sec. Cor. Marked
1/4 on ~~N~~ face, and raised
a mound of stone 1 1/2 ft
high. 2 ft. base, along-
side. Pits impracticable

44.35 leave bottom

54.60 enter mesa

62.65 Wash 20 lks wide Course S.W.

66.85 enter mesa.

79.40 Intersect 1st Standard
parallel South. 5.90 chs
East. from the Standard
Cor. to Secs 35 and 36,
T. 5. S. R. 30. E.

Set a porphyry stone
24 x 10 x 3 ins in the
ground. for closing
Cor. to Tps 6. S. R. 30. E.

West Boundary T. 6. S. R. 31 E¹⁴

chs 30 and 31 East, and
Marked with 6 nails
on E and W faces, and
C.C. on S face, and
raised a mound of
stone, 2 ft high, 4 1/2
ft. base alongside
Pits impracticable
Land rolling.

Soil sandy + gravel 2^d rate

No timber

July 20. 1891

15 First Standard line South

Chains I begin at the Standard
Cor. to Sp. 5, S. R. S.
29 and 30 E. which is
a post $4\frac{1}{2}$ ft long, and
4 ins square. Marked
S. C. Sp. 5, S. on N.

R 30 E Sec 31 on E, and
R 29 E Sec. 36. on W faces
with 6 notches on N. E,
and W faces.

From thence I run a
true line West.

Var $12^{\circ} 30' E$

40.00 Set a Volcanic Stone
 $22 \times 6 \times 5$. ins. 17 ins. in
the ground for $\frac{1}{4}$ Sec Cor.
Marked S. C. $\frac{1}{4}$ on N.
face, and raised a
mound of Stone

First Standard Parallel South

2 ft high. 3 ft base

along side. Pits. impracticable

53.10 Wash 10 lks wide Course S.E.

54.10 Enter mesa

68.12 Set a limestone 26x12x8

ins. 20 ins in the ground
for Closing Cor. to Spd

6. S. Rs. 29 and 30 E.

Marked C.C. with 6
natches on S. E and W.

faces. and raised a

mound of stone 1 1/2 ft
high. 2 ft. base. Alongside

Pits. impracticable

Land undulating

Soil rocky 3^d rate

No timber

West Boundary T. 6. S. R. 30 E

Chains I begin at the C.C. to Sp. 6. S. R. 29 and 30 E recently established by me. From thence I run South on a true line but Secs. 1 and 6 Var. $12^{\circ} 30' E$

2320 Gulch. 15 lks wide Course N 8.

39.40 Set a limestone $30 \times 20 \times 8$ ins. 22. 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 2 ft base. Along side Pitts impracticable

79.40 Set a Volcanic Stone $20 \times 9 \times 7$ ins. 15 ins. in the ground for Cor to Secs. 1, 6, 7 and 12. Marked

West Boundary T. 6. S. R. 30. E.

ch with 1 notch on N. and
5 notches on South face
and raised a mound of
stone 2 ft high. $4\frac{1}{2}$ ft.
base. Alongside. Pits
impracticable

Land rough and broken
Soil rocky. 4th rate
No timber

July 21. 1891

Line discontinued, on
account of high mountains
Daniel Drummond.
U. S. Dep Surveyor.

U. S. Surveyor-General's Office,

TUCSON, A. T., Sept 18 1891

The foregoing Field Notes of the Surveys of
 the Exterior lines of 2 1/2
 Six South Ranges Thirty and
 Thirty one East 1/4 2 1/2 South Range
 31 East of Gila and Salt River Meridian
 in Arizona executed by
 Daniel Drummond

U. S. Deputy Surveyor, under his contract dated
 May 29th 1891

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

Richard Johnson

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