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BOOK 1521

4-671

FIELD NOTES
GENERAL LAND OFFICE.

*1st Standard
Parallel South
— through —
Range 29E.*

BOOK 1521

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Aut. Pa. 586.

R. 29 E.

31	32	33	34	35	36
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First Standard Par. S. thro' R. 29 East.

- Chain 9 in; in the ground, for Standard
 1/4 Sec. Cor. marked S.C. 1/4 on
 N. face, and raise a mound of
 Stone 2 ft. base, 1 1/2 ft. high,
 N. of cor. Pits impracticable
60. 42.18 Bottom and ascend
- 56.61 Top, trans. N.E. & S.W.
- 58.00 Begin descent.
- 62.07 Trail, trans. N.E. & S.W.
- 70.05 Bottom & ascend, trans. N.E. & S.W.
- 75.00 Top, trans. N. & S.

Difference bet. measurements
 of 80. chs. by two sets of chain-
 men is 10 lks. position of
 middle point.

By 1st set. 80.05 chs.

By 2^d set. 79.95 chs.

the mean of which is

80.00 Set a Malpais Stone 15 x 15 x 12 in.

First Standard Parallel South

Chains 10 ins. in the ground. for
Standard Cor. of Secs. 32. ^{and}
33, marked. S.C. on N. with
2 grooves on W. and 4 grooves
on E. faces, and raise a
mound of stone, 2 ft. base,
1 1/2 ft. high, N. of Cor.
Pits impracticable.

An Oak 8 ins. diam. trans.
N 39° W 8 lks. dist. marked
T. S. A. R. 29 E S. 32. B. J.

Land Mountainous

Soil, gravelly & stony, 3^d & 4th rate
Timber. Scattering oak. ^{and} Cedars
Mountainous land 80. chs.

East. on S. side Sec. 33.

over Mountainous land

3.50

Begin descent, trans. N.W. & S.E.

Through Range 29 East.

chs.	
4.00	Bottom of Cañon, flows. N.W., ascend
17.20	Top, trans. N.W. + S.E.
19.50	Begin descent.
25.60	Bottom, trans. N.E.S., ascend
35.00	Ridge, trans. N.E.S., slight descent.

Difference bet. measurements of 40. chs. by two sets of chainmen is 12 chs., position of middle point.

By 1st set. 40.06 chs.

By 2^d set. 39.94 chs.,

the mean of which is

40.00 Set a malpais stone 18x12x6 in.

12 in. in the ground, for Standard 1/4 Sec. Cor, marked S.C.

1/4 on N. face, and raise a mound of stone, 2 ft. base. 1 1/2 ft. high, N. of cor.

Pits impracticable

First Standard Parallel South

chs.	
57.00	Begin descent into deep Cañon
66.00	Bottom, dry wash 75 lks. wide, flows N.
68.50	ascend
75.00	Top of Spur, trans. N.T.S., descend into deep Cañon.
80.00	Bottom of deep Cañon, flows North, Cor. point falls in Cañon - ascend abruptly.
	Difference bet. measurements of 93. chs. by two sets of Chauvin is 16 lks. Position of middle point.
	By 1 st set. 93.08 chs.
	By 2 ^d set. 92.92 chs.
	the mean of which is
93.00	Set a Malpais Stone 18x6x6 ins, 12 ins, in the ground, for witness to Standard Cor.

Through Range 29 East.

chs. of Secs. 33rd & 34. marked
 W.C. S.C. on N. with 3 grooves
 on E. & W. faces, and raise a
 mound of stone, 2 ft. base, 1 1/2 ft.
 high, N. of cor. Gills impracticable
 Land, Mountainous
 Soil, Stony, 4th rate.
 Timber, Scattering Cedars.
 Mountainous land. 80. Chs.
 November. 25, 1895.

East. on S. side Sec. 34.

over Mountainous land, ascend

13.00 W.C. to Standard Cors of Secs.
 33. rd & 34.

16.00 Tap. brass N. & S. thence along
 S. slope of high mesa.

Difference bet. measurements
 of 40. Chs. by two sets of chain-

First Standard Parallel South

Chain
 men is 6 Mts., position of
 Middle point.

By 1st Set. 40.03 chs.

By 2^d Set. 39.97 chs.;

the mean of which is

40.00 Set a Malpais Stone 14x10x8 in
 9 ins. in the ground. for.

Standard $\frac{1}{4}$ Sec. Cor., marked
 S.C. $\frac{1}{4}$ on N. face, and raise
 a mound of Stone, 2 ft. base
 1 $\frac{1}{2}$ ft. high, N. of Cor.

Pits impracticable

A Cedar 8 ins. diam. bears
 N $33\frac{1}{2}^{\circ}$ W 46 lks. dist.

marked S.C. $\frac{1}{4}$ S. B.S.

A Cedar 10 ins. diam. bears
 N $42\frac{3}{4}^{\circ}$ E 173 lks. dist.

marked S.C. $\frac{1}{4}$ S. B.S. -

65.00 Begin descent into Cañon

Through Range 29. East.

- chs.
74.50 Bottom of Cañon 40 lks. wide
flows N.
- 79.00 W.C. of Secs. 34nd and 35.
- 79.75 Dry wash, 50 lks. wide, flows N.
- 80.00 Cor. point. in wash. I set a
Malpais Stone 16x10x7 ins. one
chain West. 11 ins. in the ground
for Witness to Standard Cor.
of Secs. 34nd and 35 marked
W.C. S.C. on N. face. with
4 grooves on W. and 2 grooves
on E. face, and raise a mound
of Stone, 2 ft. base, 1 1/2 ft. high,
N. of Cor. Pits impracticable.
Land, Mountainous
Soil gravelly & stony 3rd & 4th rate
Timber. Scattering Cedars.
Mountainous Land 80. chs.
-

First Standard Parallel South

Chain East on N. side Sec. 35.
over Mountainous land; ascend

.02 Trail, trans. N.T.S.

8.50 Top, trans. N.T.S.; descend

12.95 Bottom. & ascend, trans. N.N.E. & S.S.W.

16.50 Top, trans. N.T.S.; descend

22.50 Bottom and ascend

29.50 Top, trans. N.N.E. & S.S.W.; descend

39.81 Bottom, and ascend

Difference bet. measurements
of 40. chs. by two sets of chains
was 12 lbs., position of
middle point

By 1st set. 40.06 chs.

By 2^d set. 39.94 chs.

the mean of which is

40.00 Set a Malpais Stone 18x11x5
ins. 12 ins. in the ground. for
Standard 1/4 Sec. Cor. marked

Through Range 29. East.

- Chs. S.C. $\frac{1}{4}$ on N. face, and raise a mound of Stone 2 ft. base, $1\frac{1}{2}$ ft. high. N. of Cor. pits impracticable
- 49.87 Top, trans. N. to S., descend
- 53.64 Bottom, and ascend
- 57.00 Top, trans. N.W. to S.E., descend
- 62.50 Bottom, and ascend
- 76.00 Top of Ridge, trans. N.W. to S.E., descend

Difference Tot. Measurements of 80. Chs. by two sets of Chainmen is 6 lks., position of Middle point.

By 1st set. 80.03. Chs.

By 2^d set. 79.97 chs,
the mean of which is

- 80.00 Set a markais Stone 20x14x6 ins. 15 ins. in the ground for Standard Cor. of Secs. 35. and 36. marked S.C. on N. with

First Standard Parallel South

Chains 5 grooves, on W. and 1 groove
on E. faces; and raise a mound
of Stone 2 ft. base. $1\frac{1}{2}$ ft. High
N. of Cor. *Spils impracticable*
Land, Mountainous
Soil, Stony; 4th rate.
No. Timber. Scrub greasewood
Mountainous land 80. chs.

East on S. bdy Sec. 36.

over Mountainous land; descend
17.00 Bottom of Gulch, flows N. ascend
25.75 Top, beans. N.T.S. descend
32.92 Bottom, beans. N.T.S. ascend
Difference bet. measurements
of 40 chs. by two sets of Chain-
men is 14 lks.; position of
middle point.
By 1st set. 40.07 chs.

Through Range 29 East.

chains By 2^d Sect. 39.93 chs.

the mean of which is

40.00 a Malpais rock in place

18x10 ins., 8 ins above ground for

Standard $\frac{1}{4}$ Sec Cor., Marked

S.C. $\frac{1}{4}$ on N. face, and raise

a mound of stone, 2 ft. base $1\frac{1}{2}$

ft high, N. of cor. It's impracticable

43.00 Top of Ridge, trans. N. + S; descend

47.36 Intersect W. bdy Sp. 6. S. R.

30. E, at 7.62 chs. S. of C.C.

Cor of Sp. 6. S. R. 29 + 30. E.

Established by U.S. D.S.

Daniel Drummond, which

is a stone with mound of

stone alongside, properly

marked and witnessed,

as described by the

Surveyor General.

First Standard Parallel South

chain at this intersection I set
a malpais stone $18 \times 10 \times 8$ ins
12 ins. in the ground for the
Closing Cor. of T^p. 5. S. R. 29 E.
Marked, C.C. on West,

with 6 grooves on N. & S.
faces, and raise a mound of
stone 2 ft. base $1\frac{1}{2}$ ft. high
W. of Cor. T^ps. impracticable
Land, Mountainous.

Soil, gravelly & stony, 3^d & 4th rate
No. Timber.

Mountainous land 47.36 chs.

November 26. 1895.

Note: In the execution of the
survey of the "First Standard
Parallel South" through Rs. 26, 27
28 and 29, I destroyed all corners
established by G. S. Deputy Surveyor
A. L. Snippel, in compliance
with my special instructions, dated
September 23. 1895.

Through Range 29 East

General Description

Through the W. half of Range 26. & the mountains are low and rolling. the East half of Range 26 and all through Ranges 27, 28 and 29. & This line runs over high rough rugged and precipitous mountains, also over deep rough canyons. Very few living streams cross this line, only portions of Tps 6. S.

Ranges 27 & 28 E should be surveyed

Philip Coutzen,
Compassman

Tucson, A. T. January 22, 1897.

The foregoing field notes, of the survey of the First Standard Parallel South, through Ranges 26, 27, 28 and 29 East, Gila and Salt River Meridian in Arizona, executed by Philip Contzen, Compassman, and U. S. Deputy Surveyor, under ~~his~~ Contract No. 29, with A. L. Trippel, dated June 17th, 1895, having been critically examined, the necessary corrections and explanations made, the said field notes and the Surveys they describe are hereby approved.

George J. Roskruge
U. S. Surveyor-General,

For the Territory of Arizona.