

Approved by G.L.O. 6/20, 1900.

7<sup>th</sup> Standard Parallel N  
through

Ranges 1, 2, 3, 4, 5, West

W. O. Secor, D.S. BOOK 1682

1682

4-671

~~4-671~~  
1682

FIELD NOTES  
GENERAL LAND OFFICE.

BOOK 1682

1682

1682

BOOK 1682

Judy  
7th Standard Worth  
Through.

Ranges	1 X.	4.
"	2 "	12
"	3 "	21
"	4 "	30
"	5 "	40

mi chs low  
26 53  
3 27 hi

- Field Notes -  
 of the Survey of the  
 7<sup>th</sup> Standard Parallel North  
 - Through -  
 Ranges 1. 2. 3. 4. and 5 - West  
 - of the -  
 Gila and Salt River Meridian  
 - in the -  
 Territory of Arizona  
 as surveyed by  
 W. C. Secor.

U. S. Deputy Surveyor,  
 Under his Contract No. 58  
 Dated Oct 10<sup>th</sup> 1899

Survey commenced Jan 13-1900  
 Survey completed Jan 17-1900

Names and duties of assistants.

- C. G. Kolster - - - Chairman
- R. L. Merritt - - - Chairman
- H. A. Cargile - - - Chairman
- M. J. Bird - - - Chairman
- T. A. Gauder - - - Assman
- A. F. Hamilton - - - Assman
- Ellis Work - - - Flagman
- A. G. Johnson - - - Flagman.

INDEX

T. 29 N. R. 1 W.

31	32	33	34	35	36
10	8	7	6	5	4

7th Standard Parallel N

T. 29 N. R. 2 W.

31	32	33	34	35	36
19	18	17	15	14	12

7th Standard Parallel N

T. 29. N. R. 3 W.

31	32	33	34	35	36
27	26	25	23	22	21

7th Standard Parallel N

T. 29. N. R. 4 W.

31	32	33	34	35	36
36	35	34	33	31	30

7th Standard Parallel N

T. 29. N. R. 5 W.

31	32	33	34	35	36
47	45	44	42	41	40

7th Standard Parallel N

We, T. A. Gander, A. J. Hamilton, and Ellis Hook and  
A. G. Johnson

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

in the establishment of corners and other duties, according to instruct-  
ions given us, and to the best of our skill and ability, in the sur-  
vey of the 7th Standard Parallel North through five ranges  
west and six ranges east

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

A. J. Hamilton  
T. A. Gander  
Ellis Hook  
A. G. Johnson

BOOK 1682

Subscribed and sworn to before me this 15th

day of November 1899

J. Johnston  
Notary Public.

PRELIMINARY OATHS OF ASSISTANTS.

We, Charles Kolster, R. E. Minitt, H. A. Cargile,  
and M. J. Bird

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 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 7<sup>th</sup> Standard Parallel North through five  
ranges west and six ranges east

BOOK 1682

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

<u>Chas Kolster</u>	Chairman.
<u>R. E. Minitt</u>	Chairman.
<u>H. A. Cargile</u>	Chairman.
<u>M. J. Bird</u>	Chairman.

Subscribed and sworn before me this 15<sup>th</sup>

day of November

1899

Gas Johnston

Notary Public.

(SEAL)

BOOK 1883

ASSISTANT

Wm. H. B. [unclear]

Let us finally excuse the duties of  
which upon even and uneven ground,  
taking or dropping the same;  
to all notable objects, and the  
necessarily, to the best of our  
instructions given us, in the

Wm. H. B. [unclear]

7<sup>th</sup> Standard Parallel. N Through R. 1. W

From a point 2.37 ft S of standard Cor of Tps 29

N R 1. E. and 1. W. 2 ran

N 89° 5-8' W. on the secant<sup>s</sup> of sec 36

Over rolling, rocky ground

Diff bet measurements of Hochs by two sets of  
chainmen is 4 lks; Position of middle point

By 1<sup>st</sup> set 40.02 chs

By 2<sup>nd</sup> set 39.98 chs, the mean of which is

40.00

N 1.07 ft from the secant

Set a lime stone 20 x 7 x 5 ins, 14 ins in ground for

Standard 1/4 sec cor marked SE 1/4 36 on N face

and raised a md of stone 2 ft base 1/2 ft high N of cor

Diff bet measurements of Hochs by two sets of  
chainmen is 2 lks; Position of middle point

By 1<sup>st</sup> set 80.01 chs

By 2<sup>nd</sup> set 79.99 chs the mean of which is

80.00

Set a lime stone 20 x 8 x 5 ins 14 ins in the ground

for standard cor to secs 35 & 36 marked SE on North

with one notch on East and 5" notches on N face

and raised a md of stone 2 ft base 1/2 ft high N of cor



7<sup>th</sup> Standard Parallel N. through R. 1. W.

Land rolling and rocky.

Soil 4<sup>th</sup> rate.

No timber.

N 89° 59' W through sec 35 on the secant

Diff bet measurements of 40 chs by two sets of  
Chainmen is 2 lks; position of middle point

By 1<sup>st</sup> set 40.02 chs

By 2<sup>nd</sup> set 39.98 chs the mean of which is

40.00

S 0.83 ft from the secant

Set a lime stone 12 x 8 x 8 ins. 9 ins in the ground  
for standard 1/4 sec cor marked SC 1/4 35 on North  
and raised a rd of stone 2 ft base 1/2 ft high N of cor

Diff bet measurements of 80 chs by two sets of chainmen  
is 7 links; position of middle point

By 1<sup>st</sup> set 80.03 chs

By 2<sup>nd</sup> set 79.96 chs. the mean of which is  
S 1.43 from the secant.

80.00

Set a lime stone 28 x 12 x 8 ins in a rd of stone

- ground to rocky to admit the same - for standard

cor to sec 34 & 35 marked SC on the North 4

notches on N. and 2 notches on each edge

Land rolling and rocky

7<sup>th</sup> Standard Parallel N Through R. 1. WSoil 4<sup>th</sup> rate

No timber

N 89° 59' W on the secant thro sec 34

29.50 Small ravine. Course S 70° W

35.00 Begin to descend slope of cañon

Diff bet measurements of 40 chs by two sets of chainmen  
is 5 lks. Position of Middle PointBy 1<sup>st</sup> set 40.02 chsBy 2<sup>nd</sup> set 39.97 chs the mean of which is

40.00 S 1.78 ft from the secant

Set a line stone 12 x 10 x 8 in 8 in in ground

for stand and 1/4 sec cor marked SC 1/4 34 on N

face and raised a rnd of stone 2 ft base

1 1/2 ft high at of Cor

Diff bet measurements of 80 chs by two sets of  
chainmen is 8 lks. Position of Middle PointBy 1<sup>st</sup> set 80.04 chsBy 2<sup>nd</sup> set 79.96 chs the mean of which is

80.00 S 1.90 ft from the secant

Set a line stone 15 x 10 x 5 in 10 in in ground

for Standard Cor to sec 33 &amp; 34 marked.

7<sup>th</sup> Standard Parallel N. Through R 17

SC on North with 3 notches on E  
and 3 notches on West edges, and  
raised a Md of Stone 2 ft base and  
1/2 ft high N of Cor  
Land rolling and rocky  
Soil 4<sup>th</sup> rate

No timber

next on second thro sec 33

Descending to cañon

28.00 Bottom of Cañon course S 15° W

30.00 Begin to ascend, West bank

Diff bet. measurements of 40 chs by two sets  
of chainmen is 12 chs; Position of Middle Point

By 1<sup>st</sup> set 40.06 chs

By 2<sup>nd</sup> set 39.94 chs the mean of which is

40.00 S 1.78 ft from the second

Set a lime stone 24 x 3 x 6 ins, 16 ins in ground  
for stand and 1/4 sec Cor. marked SC 1/2 33 on N  
face and raised a Md of Stone 2 ft base  
1/2 ft high N of Cor

50.80 Road bears N and S, ascend abruptly

7<sup>th</sup> Standard Parallel N. Through R. 17

57.00 Top of N. bank of draw

61.00 Begin to descend

Duff bet measurements of 80 chs by two sets of chainmen is 10 lks; Position of middle point

By 1<sup>st</sup> set 80.05 chsBy 2<sup>nd</sup> set 79.95 chs the mean of which is

80.00 S 1.43 ft from the second

set a lime stone 20x14x8 in 14 in in ground

for stand and Cor to sec 32 and 33 marked

SC on N with 4 notches on E and 2 notches

on W. edges, and raised a Md of Stone 2 ft base 1 1/2 ft high N of Cor

Land rough and rolling. Hilly

Soil 4<sup>th</sup> rate, rocky

No timber

S 89° 59' W on the second through N sec 32

Over rolling ground, sloping W

Duff bet measurements of 40 chs by two sets of chainmen is 5 lks; Position of middle point

By 1<sup>st</sup> set 40.02 chsBy 2<sup>nd</sup> set 39.97 chs the mean of which is



7<sup>th</sup> Standard Parallel. N. Through R. 1. W.

S 89° 35' W on the summit S of Sec 31

Ascending over rocky ground

- 14.00 Top of ridge bearing N and S descend
- 17.70 Edge of bluff of side cañon descend ~~slightly~~
- 25.00 Head of side cañon Course N. E
- 35.00 Top of bluff of side cañon descend
- 36.00 Bottom of cañon. Course N 10° E ascend
- 37.20 Top of bluff. W. side continue to ascend
- Suff. bet measurements of 40 chs by two sets of  
chainmen is 8 lks; position of middle point  
By 1<sup>st</sup> set 40.04 chs  
By 2<sup>nd</sup> set 39.96 chs the mean of which is
- 40.00 N 10.7° from the creek
- Set a line stone 18x16x4 in in a mid of  
stone for standard 1/4 Sec Cor. marked 5C 1/4  
31 on North face, ground rocky
- 55.00 Ascend more abruptly
- 58.00 Top of bluff of mesa bearing N & S  
Continue over rolling ground
- Suff. bet measurements of 80 chs by two sets  
of chainmen is 11 lks; position of middle point

7<sup>th</sup> Standard Parallel N Trough R. 1. WBy 1<sup>st</sup> Feb 80.15 chsBy 2<sup>nd</sup> Feb 79.94 chs the mean of which is  
80.00 N 237 ft from the secantSet a line stone 20 x 8 x 8 in 14 in in ground  
for standard cor to T<sub>60</sub> 29 S. R<sub>60</sub> 1 and 2 W

marked SE 29 N on N W; R 1 W on N.E.;

With 6 watches on N.E. and W edges

and raised a Md of stone 3 ft  
base and 3 ft high N of CorLand rough and hilly  
Soil rocky 4<sup>th</sup> rate

No Timber Jan 13-1900

- General description -

7<sup>th</sup> Standard Parallel N. Through P 27

I set my transit over a tack driven in a stake firmly set in the ground 2.37 ft S of the  $\phi$  last described, and at 11.40 P.M. of the 13<sup>th</sup> of Jan 1900, I observe Polaris when at its greatest eastern elongation in accordance with the instructions in the manual and mark the point in the line thus determined by a tack driven in a wooden plug set in the ground 5.00 chs N of my instrument. At 8 AM I lay off the azimuth of Polaris  $13^{\circ}30'$  to the east and mark the true meridian by a tack driven in a stake set in the ground east of the point established last night. The magnetic bearing of the true meridian is N  $14^{\circ}40'$  W which reduced by the table on page 100 of the manual gives the mean mag. decl.  $14^{\circ}41'$  E. From the true meridian thus established I turn to a test sight established 32 chs east, and find the mean of these angles to be  $89^{\circ}59'$ , and conclude



7<sup>th</sup> Standard Parallel. N. Through R. 2 W.

my line to this point to be correct  
I therefore turn N. 89.58° W and run  
South of Sec 36. T 29 N R 2 W on the secant.

Over rolling ground

Diff. bet measurements of 40 chs by two sets of  
chainmen is 3 lks; position of middle point

By 1<sup>st</sup> set 40.01 chs

By 2<sup>nd</sup> set 39.98 chs the mean of which is

40.00

N 1.07 ft from the secant

Set a line stone 24 x 12 x 10 in 16 in in ground  
for standard  $\frac{1}{4}$  sec cor. marked SE  $\frac{1}{4}$  36 on N  
face and raised a md of stone 2 ft base  $\frac{1}{2}$  ft  
high N of cor.

Diff. bet measurements of 80 chs by two sets of  
chainmen is 2 lks; position of middle point

By 1<sup>st</sup> set 80.01 chs

By 2<sup>nd</sup> set 79.99 chs the mean of which is

80.00

Set a line stone 20 x 16 x 7 ins. 14 ins in ground  
for standard cor to Sec's 35 & 36 marked SE  
on N with 1 groove on E and 5 grooves

7<sup>th</sup> - Standard Parallel N. Through R 2 W

on Wedges and raised a Mound of  
Stone 2 ft base  $\frac{1}{2}$  ft high N of Cor  
Land rolling.

Soil 3<sup>rd</sup> rate

No timber

N 89° 3-9' West on the secant through sec 35

Over rolling ground

15.00

Begin gradual descent

Diff bet measurements of 40 chs by two sets of  
Chains is 6 chs; Position of middle point

By 1<sup>st</sup> set 40.03 chs

By 2<sup>nd</sup> set 39.97 chs. the mean of which is

40.00

39.50 ft from the secant

Set a line stone 18x10x8 ins 12 ins in ground

for standard  $\frac{1}{4}$  sec Cor Marked SC  $\frac{1}{4}$  35 on

N. and raised a Md of Stone 2 ft base  $\frac{1}{2}$  ft  
high N of Cor

54.00

Bottom of descent, ascend low ridge

61.00

Top of ridge, bearing N + S. descend

66.00

Foot of ridge down over rolling ground

Diff bet measurements of 80 chs. by two sets of

7<sup>th</sup> Standard Parallel. N. Through R. 2 W

Chains are 40 chs; Position of Middle Point

By 1<sup>st</sup> set 80.02 chs

By 2<sup>nd</sup> set 79.98 chs the mean of which is

80.00 S 1.43 ft from the secant

Set a line stone 18x8x6 ins, 10 ins in ground

for Standard Cor to sec's 34 and 35 Marked SC

on N. with 2 notches on E and 4 notches on

W. edges, and raised a md of stone

3 ft base 3 ft high N of Cor.

Land rolling with slope to N and S

Sail 3<sup>rd</sup> rate

N. timber

N 89° 59' W on the secant thru sec 34

On rolling ground

Diff. bet measurements of 40 chs by two sets of chains

is 3 links; Position of Middle Point.

By 1<sup>st</sup> set 40.01 chs

By 2<sup>nd</sup> set 39.99 chs the mean of which is

40.00 S 1.78 ft from the secant

Set a line stone 24x10x5 ins, 15 ins in ground

for Standard 1/4 sec cor marked SC 1/4 34 on N

7<sup>th</sup> Standard Parallel. N. Through R. 2 N.

and raised a Md of stone 2 ft base 2 ft high N of Cr

Diff bet measurements of 80 chs by two sets of chainmen is 5 lbs; position of Middle point 134<sup>th</sup> set 79.97 chs

134<sup>th</sup> set 81.02 chs. the mean of which is

80.00 S. 1.90 ft from the secout

Set a lime stone 18 x 8 x 5 ins. 12 ins in ground for standard Cr to Secs 33 & 34 marked S C on

N. with 3 notches on E and 3 notches on W. edges, dug pits 24 x 18 x 12 ins, crosswise on each line E and W. 3 ft and N of stone

7 ft dia, and raised a Md of earth 4 ft base 2 ft high N of Cr.

Land rolling.

Soil 2<sup>nd</sup> rate.

No timber.

7<sup>th</sup> - Standard Parallel N Through R. 2 W  
 W on Secant through see 38

Over rolling land

Diff bet measurements of 40 chs by two sets of  
 chainmen is 6 lks; position of Middle Point

By 1<sup>st</sup> set 40.03 chs

By 2<sup>nd</sup> set 39.97 chs the mean of which is

40.00

5.78 ft from the secant

Set a line stone 16 x 8 x 4 ins. 10 ins in ground  
 for standard  $\frac{1}{4}$  sec cor, marked S.C. 1433 on N

Dug Ditch 18 x 18 x 12 ins E + W of stone 3 feet dia  
 and raised a Mt. of earth  $3\frac{1}{2}$  ft base  $\frac{1}{2}$  ft high

N of Cor

Diff bet measurements of 80 chs by two sets of  
 chainmen is 7 lks; position of Middle Point

By 1<sup>st</sup> set 80.03 chs

By 2<sup>nd</sup> set 79.96 chs. the mean of which is

80.00

5.43 ft from the secant.

Set a line stone 18 x 9 x 3 ins, 12 ins in the ground  
 for standard Cor to seci 32 + 33 marked

S.C. on N. with 4 grooves on E and 2 grooves  
 on W. edges; dug Ditch 24 x 18 x 12 ins

7<sup>th</sup> Standard Parallel N Through R 2 N

Crosswise on each line  $\text{E } \frac{1}{2} \text{ W } 3 \text{ ft}$  and  
 N of stone 7 ft dish and raised a  $\frac{1}{2}$  md  
 of earth 4 ft base 2 ft high N of Cor  
 Land rolling.

Soil 2<sup>nd</sup> rate

No timber.

59° 59' was the second through see 31

On rolling ground

Diff. bet measurements of 40 chs by two sets of  
 chainmen is 4 lbs; position of Middle point

By 1<sup>st</sup> set 40.02 chs

By 2<sup>nd</sup> set 39.98 chs the mean of which is

40.00

3.083 ft from the second

Set a lime stone  $14 \times 12 \times 3$  ins, 8 ins in ground  
 for standard  $\frac{1}{4}$  sec Cor Marked S C 1/4 32 on N  
 ; dug pits  $18 \times 18 \times 2$  ins E & W of Stone 3 ft  
 dish and raised a  $\frac{1}{2}$  md of earth  $3 \frac{1}{2}$  ft  
 base  $1 \frac{1}{2}$  ft high N of Cor.

Diff. bet measurements of 80 chs by two sets  
 of chainmen is 3 lbs; position of Middle point

By 1<sup>st</sup> set 80.01 chs

7<sup>th</sup> Standard Parallel. N. Through R2W

80.00

By 2<sup>nd</sup> Feb 79.98 chs the mean of which is  
 Set a lime stone  $18 \times 10 \times 5$  ins 12 ins in the ground  
 for standard cor to sec 31 & 32 marked SC on  
 N. with 5 notches on the E and 1 notch  
 on the west face; dug pits  $24 \times 18 \times 12$  in  
 crosswise on each line E & W. 3 ft. + N of  
 stone 7 ft dist, and raised a  $\frac{1}{2}$  rd of  
 earth 4 ft base 2 ft high N of Cor  
 Land rolling.

Soil 2<sup>nd</sup> rate

No timber.

S  $89^{\circ} 58'$  W on the secant S of sec 31

Over rolling ground

Diff bet. measurements of 40 chs by two sets of  
 chainmen is 2 lbs; position of Middle Point

By 1<sup>st</sup> Feb 40.01 chs

40.00

By 2<sup>nd</sup> Feb 39.99 chs the mean of which is  
 N 107 ft from the secant

Set a lime stone  $16 \times 8 \times 6$  ins. 9 ins in ground  
 for standard  $\frac{1}{2}$  sec. Cor marked SC  $\frac{1}{4}$  31 on N  
 face and dug pits  $18 \times 18 \times 12$  ins, E and W of stone.

7<sup>th</sup> Standard Parallel. N. Through R. 2. W.

3 ft disk. and raised a Md. of Earth  
3 1/2 ft base 1/2 ft high N of Cor.

Cliff bet. measurements of 80 chs by two sets  
of chainmen is 6 lks; position of middle point.

By 1<sup>st</sup> set 80.03 chs

By 2<sup>nd</sup> set 79.97 chs. the mean of which is

80.00

N 2.37 ft from the second

Set a lime stone 18 x 16 x 4 ins, 12 ins in ground  
for standard Cor to Tps 29 N. R. 27 W. marked

SC. 29 N on N. 2 W. on E. and 3 W. on W. faces

with 6 grooves on N. E. and W. faces; dug pits

30 x 24 x 12 ins crosswise on each line E + W

4 feet and 4 of stone 8 ft disk; raised a

Md of earth 5 ft base 2 1/2 ft high N of Cor

Land rolling.

Set 2<sup>nd</sup> rate.

No timber.

Jan 14 - 1900



7<sup>th</sup> Standard Parallel N Through R. 37

- Note -

Continuous, cloudy weather has made it impossible to observe Polaris at this point.  
N 84° 58' W. on the summit S of sec 36

Diff bet measurements of 40.00 chs by two sets of chainmen is .8 lbs; position of middle point

By 1<sup>st</sup> set 39.96 chs

By 2<sup>nd</sup> set 40.04 chs, the mean of which is

40.00

N. 1.07 ft from the second

Set a lime stone 18x7x4 ins 12 ins in ground for standard 1/4 sec. cor. marked SC 1/2 36 on N.

dig ditch 18x18x12 ins E + W of stone 3 ft deep and raised a 9 in of earth 3 1/2 ft base 1 1/2 ft high N of cor.

Diff bet measurements of 80.00 chs by two sets of chainmen is .5 lbs; position of middle point

By 1<sup>st</sup> set 80.02 chs

By 2<sup>nd</sup> set 79.97 chs, the mean of which is

80.00

Set a lime stone 24x10x10 ins 16 ins in ground for standard Ar to sec 35 and 36 marked SC on N. with 1 groove on E and 5 grooves on N. faces. dig ditch 24x18x12 ins crosswise

7<sup>th</sup> Standard Parallel N. Through R. 3. W.

on each line, E & W, 3 ft and N of Stone  
7 ft dia and raised a  $\frac{1}{2}$  of earth  
4 ft base 2 ft high N of Cor.

Land rolling.

Soil 2<sup>nd</sup> rate.

No timber

N 89° 59' W through sec 35 on the secant

Cross rolling ground

Diff bet measurements of 40 chs by two sets of  
chainmen is 5 lbs; Position of Middle Point

By 1<sup>st</sup> set 40.02 chs

By 2<sup>nd</sup> set 39.97 chs. the mean of which is

40.00

S. 0.83 ft from the secant

Set a lime Stone 14 x 10 x 6 ins, 8 ins in ground  
for Standard  $\frac{1}{4}$  sec Cor marked 89° 4' 35" on N face

dig pits 18 x 18 x 12 ins, E & W of Stone 3 ft dia  
and raised a  $\frac{1}{2}$  of earth 3  $\frac{1}{2}$  ft base  
1  $\frac{1}{2}$  ft high N of Cor

Diff bet measurements of 80 chs by two sets of  
chainmen is 7 lbs; Position of Middle Point

By 1<sup>st</sup> set 80.03 chs

7<sup>th</sup> Standard Parallel, N. Trough R. 311

80.00

By 2<sup>nd</sup> set 79.96 chs the mean of which is  
 S 1.43 ft from the secant  
 Set a line stone 18x6x5 ins, 12 ins in ground  
 for Standard Cor of sec 34 & 35. Marked S.E.  
 on N. with 2 grooves on E. and 4 grooves on  
 N. faces; dug pits 24x18x12 ins crosswise  
 on each line E & N, 3 feet. and N. of stone 7 ft  
 dish, and raised a mound of earth 4 ft.  
 base, 2 ft high, N. of Cor.

Land rolling.

Soil 2<sup>nd</sup> rate

No timber.

N 89° 59' Mt on the secant through sec 34  
 Over rolling ground

Diff bet measurements of 40 chs by two sets of  
 chainman is 6 chs: Position of middle point

By 1<sup>st</sup> set 39.97 chsBy 2<sup>nd</sup> set 41.03 chs the mean of which is

40.00

S 1.79 ft from the secant

Set a line stone 18x15x5 ins, 12 ins in ground  
 for Standard 1/4 Sec Cor. Marked S.E. 1/4 34 on N.

7<sup>th</sup> Standard Parallel N. Through R. 3 W

face: dug pits  $18 \times 18 \times 12$  in E+W of stone  
3 ft dia and raised a  $\frac{1}{2}$  in of earth  $3\frac{1}{2}$  ft base  
 $1\frac{1}{2}$  ft high N of Cor.

Differ measurements of 80 chs by two sets  
of chainmen is 3 lks; position of middle point  
By 1<sup>st</sup> set 79.99 chs

By 2<sup>nd</sup> set 80.02 chs the mean of which is  
80.00 5 1.90 ft from the second

Set a line stone  $16 \times 8 \times 5$  ins, 10 ins in ground  
for standard Cor to lines 33+34, marked S C on  
N. with 3 notches on E and 3 notches on W edges  
dug pits  $24 \times 18 \times 12$  ins crosswise on each  
line E+W. 3 ft, and N of stone 7 ft dia and  
raised a  $\frac{1}{2}$  in of earth 4 ft base 2 ft high  
N of Cor

Land rolling.

Soil 2<sup>nd</sup> rate

No timber.

7<sup>th</sup> Standard Parallel N Tmo R 3N

Wish on the secant through Sec 33

Over rolling ground

Differ measurements of 40 chs by two sets  
of chainmen is 6 chs: Position of Middle PointBy 1<sup>st</sup> set 40.03 chsBy 2<sup>nd</sup> set 39.97 chs the mean of which is

40.00 S 1.78 ft from the secant

Set a lime stone 16x10x6 ins, 10 ins in ground  
for Standard 44 sec on marked SC 4 33 on

N. face; dug pits 18x18x12 ins E + W of

Stone 3 ft, dish and raised a top of earth

3 1/2 ft base 1/2 ft high N of Cr

Differ. measurements of 80 chs by two sets of  
Chainmen is 4 chs: Position of Middle PointBy 1<sup>st</sup> set 80.02 chsBy 2<sup>nd</sup> set 79.98 chs. the mean of which is

80.00 S 1.43 ft from the secant

Set a lime stone 15x7x5 ins 9 ins in the  
ground for Standard cr to Secs 32+33

Marked SC on N with 4 grooves on E,

and 2 grooves on W faces; dug pits

7<sup>th</sup> Standard Parallel N Thro R. 3 W

24x18x12 in crosswise on each line  
 E and W 3 ft disk and N. of stone 7 ft  
 disk, and raised a md of earth  
 4 ft. base. 2 ft high, N of Cor  
 Land rolling.

Soil 3<sup>rd</sup> rate.

No timber.

589.897 mls across through sec 32

Over rolling ground

Diff bet measurements of 4, chs by two sets of  
 chainmen is 4 lks.; position of middle point

By 1<sup>st</sup> set 41.02 chs

By 2<sup>nd</sup> set 39.98 chs the mean of which is

40.00

S. 0.83 ft from the stream

Set a line stone 16x11x4 in, on main ground  
 for standard 1/4 sec cor, marked S C 1602 on N  
 face; dug pits 18x18x12 in E & W of stone  
 3 ft disk, and raised a md of earth 3 1/2 ft  
 base 1/2 ft high N of Cor.

Diff bet measurements of 80 chs by two sets of  
 chainmen is 3 lks.; position of middle point

7<sup>th</sup> - Standard Parallel, N. Through R. 3. W.

By 1<sup>st</sup> set 80.02 chs  
 By 2<sup>nd</sup> set 79.99 chs the mean of which is  
 80.00 Set a line stone 16x9x4 ins, 10 ins in ground  
 for standard Cor to sec 31+32 Marked SC on N  
 with 1 notch on W and 5 notches on E edges.  
 Dig pits 24x18x12 ins, crosswise on each line  
 E+W. 3 ft. and N. of stone 7 ft. dia; and  
 raised a bed of earth 4 ft. base 2 ft. high to 4 of Cor  
 Land rolling.  
 Soil 2<sup>nd</sup> rate

No timber

S 89° 5' 8" W on the secant S of sec 31

Over rolling ground

14.55 Road bears N 15° W. and S 15° E

Diff. bet measurements of 4.1 chs by two sets of  
 chains is 5 lbs; position of middle point

By 1<sup>st</sup> set 40.03 chs

By 2<sup>nd</sup> set 39.98 chs the mean of which is

40.00 N 107 ft from the secant

Set a line stone 16x8x5 ins, 10 ins in ground

for standard 1/4 sec Cor. Marked SC 1/4 31 on N face

7<sup>th</sup> Standard Parallel N. Through R. 3. W.

Say pits 18.18 x 12 ins E + W of stone 3 ft disk  
and raised a Md of earth 5 1/2 ft base 1 1/2 ft  
high N of Cor

Diff. bet measurements of 80 ch by two sets of  
chainman in 3 lks. i position of Middle South

By 1<sup>st</sup> set 80.02 chs

By 2<sup>nd</sup> set 79.99 chs the mean of which is

80.00

N. 237 ft from the second

Set a line stone 24 x 10 x 5 ins. 16 ins in

the ground for Standard Cor to Tps 29

N R 3 + 4 W, marked S. 29 N on N. 3 W on

E and W on W faces with 6 grooves on

N. E. and W faces. Say pits 30 x 24 x 12 ins

Crosswise on each line E + W. 4 ft disk

and N of stone 8 ft disk & raised a Md of

earth 5 ft base 2 1/2 ft high N of Cor

Land selling

Soil 2<sup>nd</sup> rate.

No timber

Jan 15 - 1900



7<sup>th</sup> Standard Parallel. N. Through P. 3. N.

At the last point determined on the second at 11.32 P.M. I observe Polaris when at its greatest western elongation Jan 15<sup>th</sup> 1900 and mark the direction thus determined by a tack driven in a stake firmly set in the ground about five ft. N. of my instrument.

Jan 16<sup>th</sup> 1900 at 7.30 A.M. I lay off the Azimuth of Polaris,  $1^{\circ}30'30''$  to the east and mark the true meridian thus determined by a tack driven in a stake firmly set in the ground east of the point marked last night.

I measure the angle between the true meridian and a signal which I had erected

7<sup>th</sup> Standard Parallel. N. Through R 4 W

about 30 chs. west of my station - on  
the old secant. as follows

1 - 90° 02' 30"

2 90° 02' 00"

3 90° 02' 30"

Mean 90° 02' 20" which makes  
the true bearing of line run yesterday  
S 89° 57' 40" W which is so nearly the proper  
course that I conclude my previous line  
a good one and from the true meridian  
just determined from  
N 89° 58' on the secant of sec 36  
T. 29 N R. 4 W

Diff bet measurements of 40 chs by two sets of  
chains is 5 lbs, position of middle point

By 1<sup>st</sup> set 40.03 chs

By 2<sup>nd</sup> set 39.98 chs. the mean of which is

40.00

N. 107 ft from the secant

Set a line stone 24 x 12 x 4 ins. 16 in sig mark  
for standard 1/4 sec on marked SE 1/4 36 on N  
face: dug pits 18 x 18 x 12 ins E + W of stone

7<sup>th</sup> Standard Parallel N. Through P. 4<sup>th</sup> W

3 ft. dia, and raised a  $\frac{1}{2}$  in of earth

$3\frac{1}{2}$  ft base  $1\frac{1}{2}$  ft high N of Cor

There was no diff. in the measurements of  
80 chs by two sets of chainmen.

80.00 Set a lime stone  $18 \times 14 \times 5$  ins, 12 in in ground

for standard Cor to sec 35 + 36 marked S.C.

on N with 1 notch on E and 5 notches on

N. edges; dig pits  $24 \times 18 \times 12$  ins crosswise

on each line E + W 3 ft, and  $N \frac{1}{2} W$  7 ft dia,

and raised a  $\frac{1}{2}$  in of earth 4 ft base,

2 ft high N of Cor

Land rolling,

Soil 2<sup>nd</sup> rate,

N. timber,

N 89° 59' 27" on the same through sec 35

Over rolling ground.

Diff. bet measurements of 40 chs by two sets of  
chainmen is 4 chs; position of middle point

By 1<sup>st</sup> set 40.02 chs.

By 2<sup>nd</sup> set 39.98 chs the mean of which is

40.00

50.83 ft from the sec mark.

7<sup>th</sup> Standard Parallel. N. Twp. R. 4. W.

Set a line stone  $24 \times 16 \times 5$  ins, 16 ins in ground  
for standard  $\frac{1}{4}$  sec cor, marked SC  $\frac{1}{4}$  35  
on N face; dig pits  $18 \times 18 \times 12$  ins E + W  
of stone 3 ft dia, and raised a mound  
of earth  $3\frac{1}{2}$  ft base  $1\frac{1}{2}$  ft high N of Cor.

54.24 Road bears N + S.

Diff. bet measurements of 80 chs by two sets  
of chainmen is 6 chs.; position of middle point  
By 1<sup>st</sup> set 80.03 chs.

By 2<sup>nd</sup> set 79.97 chs the mean of which is  
80.00 S. 1.43 ft from the secant

Set a line stone  $16 \times 15 \times 6$  ins, 16 ins in ground  
for standard cor to sec 34 and 35. Marked  
S.C. on the N. with 2 grooves on E. and 4  
grooves on W. edges; dig pits  $24 \times 18 \times 12$  ins  
crosswise on each line E + W, 3 ft and N  
of stone 7 ft dia; raised a <sup>to 3 cor</sup> mound of earth 4 ft base  $2\frac{1}{2}$  ft high  
Land rolling.

Soil 2<sup>nd</sup> rate

No timber.

7<sup>th</sup> Standard Parallel N. Through R & W

N 89° 59' W on the record through Sec 34

Over rolling ground

Dip bet measurements of 40 chs by two sets  
of chainmen is 3 lks; position of middle pointBy 1<sup>st</sup> set 39.98 chsBy 2<sup>nd</sup> set 40.01 chs the mean of which is

40.00 S 1.78 ft from the record

Set a lime stone 18 x 12 x 3 ins. 12 ins in ground  
for standard  $\frac{1}{4}$  sec cor. marked SE  $\frac{1}{4}$  34 on N

face; dug pits 18 x 18 x 12 ins E + W of stone

3 ft dia, and raised a Md of earth

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

Dip bet measurements of 80 chs by two sets

of chainmen is 4 lks; position of middle point

By 1<sup>st</sup> set 80.02 chsBy 2<sup>nd</sup> set 79.98 chs the mean of which is

80.00 S 1.90 ft from the record

Set a lime stone 18 x 10 x 4 ins 12 ins in ground  
for standard cor to Secs 33 + 34 marked SE

on N with 3 notches on E and 3 notches on W

edges; dug pits 24 x 18 x 12 ins crosswise

7<sup>th</sup> Standard Parallel N Through R.H.W.

on each line  $\Sigma + 20.3$  ft.  $\times 17.7$  ft. <sup>of line</sup> deck.

and raised a nd of earth 4 ft base  
2 ft high N of Cor

Land rolling.

Soil 2<sup>nd</sup> rate

No timber.

met on the second through sec. 33

Over rolling ground

Stiff bet. measurements of 40 chs by two sets of  
chainmen is 4 lbs; position of middle point

By 1<sup>st</sup> set 39.98 chs

By 2<sup>nd</sup> set 40.02 chs the mean of which is  
51.75 ft from the descent

40.00

Set a line stone 18 x 14 x 3 ins 12 ins in ground  
for Standard  $\frac{1}{4}$  sec Cor, marked 50  $\frac{1}{4}$  33 on N

face; dig pits 18 x 18 x 12 ins  $\Sigma + N$  of stone  
3 ft dia and raised a nd of earth 3  $\frac{1}{2}$  ft  
base 1  $\frac{1}{2}$  ft high N of Cor

Stiff bet. measurements of 80 chs by two sets of  
chainmen is 8 lbs; position of middle point

By 1<sup>st</sup> set 80.01 chs

By 2<sup>nd</sup> set 79.96 chs the mean of which is

7<sup>th</sup> - Standard Parallel N. Thru to R. 4. W.

80.00 5.143 ft from the secant

Set a lime stone  $18 \times 13 \times 4$  ins, 12 ins in ground  
for standard cor to sees 32 + 33. Marked SC  
on N. with 2 notches on W and 4 notches  
on E edges; dug pits  $24 \times 18 \times 12$  ins. crosswise  
on each line E + W, 3 ft, and N of stone 7 ft  
dist, and raised a rnd of earth 4 ft  
base. 2 ft high N of cor.

Land rolling.

Soil 2<sup>nd</sup> rate.~~No timber~~

39.59 on the secant thru see 32  
Over rolling ground

Diff bet. measurements of 40 chs by two sets  
of chainmen is 2 chs; position of middle point  
By 1<sup>st</sup> set 40.01 chs

By 2<sup>nd</sup> set 39.99 chs the mean of which is

H 0.00 50.83 ft from the secant

Set a lime stone  $24 \times 10 \times 6$  ins 16 ins in ground  
for standard 1/4 sec cor marked SC 1/4 32 on N face  
dug pits  $18 \times 18 \times 12$  ins 2 + W of stone 3 ft dist.

7<sup>th</sup> Standard Parallel & Trough to R 4 W

and raised a  $\text{Md}$  of earth  $3\frac{1}{2}$  ft base  
 $1\frac{1}{2}$  ft high N of Cor.

Diff bet measurements of 80 chs by two sets of  
 chainmen is 8 lbs; position of middle point

By 1<sup>st</sup> set 80.04 chs

By 2<sup>nd</sup> set 79.96 chs the mean of which is

80.00

Set a line stone  $15 \times 4 \times 4$  ins, 9 ins in ground  
 for Standard Cor to Sec 31 & 32, marked SE on  
 the N, with 1 notch on W and 5 notches on  
 E. Edges; dug pits  $24 \times 18 \times 12$  ins, crosswise  
 on each line E & W, 3 ft and N of stone  
 7 ft dia, and raised a  $\text{Md}$  of earth  
 $4\frac{1}{2}$  ft base 2 ft high N of Cor  
 Sand rolling.

Soil 2<sup>nd</sup> rate

N o timber.

$589^{\circ}5'$  with the sec 31

A m rolling ground

Diff bet measurements of 40 chs by two sets of  
 chainmen is 5 lbs; position of middle point

By 1<sup>st</sup> set 39.98 chs



7<sup>th</sup> Standard Parallel Through R4N

40.00 B<sub>92</sub><sup>nd</sup> set 40.03 chs the mean of which is  
N. 1.07 ft from the secant.

Set a line stone 24x10x5 ins, 16 ins in ground  
for standard  $\frac{1}{4}$  sec cor, marked SC  $\frac{1}{4}$  31 on  
N. face; dug pits 18x18x12 ins E + W of stone  
3 ft disk, and raised a  $\frac{1}{2}$  of earth  
 $3\frac{1}{2}$  ft base  $1\frac{1}{2}$  ft high N of cor.

Cliff bek measurements of 80 chs by two sets of  
chainmen in 4 chs; position of middle point

B<sub>91</sub><sup>st</sup> set 79.98 chs

80.00 B<sub>92</sub><sup>nd</sup> set 80.02 chs the mean of which is  
N. 2.37 ft from the secant

Set a line stone 16x15x6 ins, 10 ins in ground  
for standard cor to T<sub>91</sub> R<sub>4</sub> 4+5 N  
Marked SC 29 N on N, 4 E on E, 5 E on  
W. faces with 6 notches on N E + W  
faces; dug pits 30x24x12 ins. crosswise  
on each line E + W, 4 ft and N of  
cor 8 ft disk, and raised a  $\frac{1}{2}$   
of earth 5 ft base  $2\frac{1}{2}$  ft high N of cor

7<sup>th</sup> Standard Parallel. Through R 4 W

Land rolling.

Sail 2<sup>nd</sup> rate

No timber

Jan 16-1900

At the last point determined on the  
 Secant at 11:27 P.M. Jan 16-1900 I  
 observe Polaris when at its greatest  
 western elongation and mark the  
 direction, thus determined by a tack  
 driven in a stake firmly set in the  
 ground, four chs N of my instrument.  
 At 7:30 AM<sub>Jan 17, 1900</sub> I lay off the azimuth of  
 Polaris  $1^{\circ}30'30''$  to the east and mark  
 the true meridian thus determined  
 by a tack driven in a stake set in

7<sup>th</sup> Standard Parallel N. Through R. S. W.

the ground, east of the point marked last night, I measure the angle between the true meridian and a signal which I had erected about 20 chs N. of my station on the old secant, as follows

1.  $90^{\circ} 02' 00''$

2  $90^{\circ} - 02' 30''$

3  $90^{\circ} 02' 00''$

Mean  $90^{\circ} 02' 10''$  which makes the true bearing of the line run yesterday  $89^{\circ} 57' 50''$  N which is so nearly the proper course that I conclude my previous line a good one and from the true meridian just determined I run N  $89^{\circ} 58'$  N, S of sec 36

T. 29. N. R. 5 W

Over rolling ground

Sliff but measurements of 40 chs by two

7<sup>th</sup> Standard Parallel N Through R. 5. W

sets of Chainmen is 3 lks; Position of Middle point

By 1<sup>st</sup> set 40.02 chs

By 2<sup>nd</sup> set 39.99 chs the mean of which is

40.00

N 1.07 ft from the second

set a line stone 16x14x3 ins, 10 ins in ground

for Standard 1/4 sec Cor Marked S.C. 14.36 on

N. face and dug pits 18x18x12 ins

E and W of stone 3 ft dia and raised

a wd of earth 3 1/2 ft ball 1 1/2 ft high

N of Cor

69.50

Road bears N 5° E + S 5° W

Cliff bed measurements of 80 chs by two sets of

Chainmen is 2 lks; Position of Middle point

By 1<sup>st</sup> set 80.01 chs

By 2<sup>nd</sup> set 79.99 chs the mean of which is

80.00

set a line stone 24x16x3 ins 18 ins in ground

for Standard Cor to Secs 35 + 36 Marked

S.C. on N with 12 dots on E and 5 notches

on west edges; dug pits 24x18x12 ins

crosswise on each line E + W 3 ft dia

7<sup>th</sup> Standard Parallel A Through R 5 W

and N. of Stone 7 ft disk, and raised  
a Md of earth 4 ft base 2 ft high N of Cor  
Sand rolling

Sail 2<sup>nd</sup> rate

No timber

N 89° 59' W on the secant through Sec 35  
Over rolling ground

Diff bet measurements of 40 chs by two sets  
of chainmen is 4 lks. Position of Middle Point

By 1<sup>st</sup> set 40.02 chs

By 2<sup>nd</sup> set 39.98 chs the mean of which is

40.00 5.083 ft from the secant.

Set a line stone 18 x 18 x 3 in 12 in in ground  
for Standard 1/4 Sec Cor. Marked SC 1/4 35  
on N. face; dug pits 18 x 18 x 12 in S + W

of Stone 3 ft disk and raised a Md  
of earth 3 1/2 ft base 1 1/2 ft high N  
of Cor.

52.88

Trail. bears N 10° E and S 10° W

Diff bet measurements of 80 chs by two sets  
of chainmen is 5 lks. Position of Middle Point

7<sup>th</sup> Standard Parallel N. Through R 5 WBy 1<sup>st</sup> - Feb 79.98 chsBy 2<sup>nd</sup> - Feb 80.03 chs the mean of which is

80.00 5143 ft from the secant

Set a line stone 16x14x4 in. 10 in in ground

for Standard on the secant 34x35 marked

S.C on N with 2 notches on E and 4 notches

on W edges; dug pits 24x18x12 in. Corrosive

on each line E+W 3 ft and N of stone

7 ft dish and raised a 1/2 in of

earth 4 ft base 2 ft high N of Cor

Land rolling.

Soil 2<sup>nd</sup> rate

No timber

N 69° 59' W. on base sec. 34

Over rolling ground.

21.00 Begin to descend to draw and enter

scattering Cedars.

29.00 Bottom of draw course S.W. ascend gradually

35.00 Leave Cedars

Difficult measurements of 40 chs by two sets

Choumen is 8 chs; position of middle point

7<sup>th</sup> Standard Parallel N. Tro. R 5 NBy 1<sup>st</sup> set 40.04 chBy 2<sup>nd</sup> set 39.96 ch, the mean of which is

40.00 51.78 ft from the secant

Set a line stone 14x10x5 in in ground  
for Standard 1/2 sec cor marked 33+34 on

N face 1 dig pits 18x18x12 in E+W of stone

3 ft dia, and raised a Md of earth

3 1/2 ft base 1 1/2 ft high N of cor

Diff bet measurements of 80 chs by two sets of  
Chauvenet is 2 lbs; position of Middle pointBy 1<sup>st</sup> set 80.01 chsBy 2<sup>nd</sup> set 79.99 chs the mean of which is

80.00 51.90 ft from the secant

Set a line stone 14x12x10 in 8 in  
in the ground for Standard cor to

sec's 33+34 marked 33 on N with 3

notches on W and 3 notches on E edges

dig pits 24x18x12 in, likewise on

each line E+W, 3 ft + N of stone 7

feet dia and raised a Md of

7<sup>th</sup> Standard Parallel N. Thro R 5. W

earth 4 ft base 2 ft high N of Cor  
Land rolling.

Soil 2<sup>nd</sup> rate.

Scattering Cedars for 14 chs

W on the secant through sec. 33

over rolling ground

Diff bet measurements of 4 chs by two sets of  
Chainsman is 5 lbs. Position of Middle Point

By 1<sup>st</sup> set 40.03 chs

By 2<sup>nd</sup> set 39.98 chs the mean of which is

40.00 S 1.78<sup>ft</sup> from the secant

Set a lime stone 24 x 14 x 3 ins. 16 ins. on ground

for Standard 4<sup>th</sup> Cor Marked S E 1/4 33 on

at face; dug pits 18 x 18 x 12 ins. E + W of  
stone 3 feet dia and raised a mid

of earth 3 1/2 ft base 1 1/2 ft high N of Cor

75.00 Top of high Prairie. Enter rough hills, descend  
through scattering Cedar & Quince.

Diff bet measurements of 80 chs by two sets of  
Chainsman is 10 lbs. Position of Middle Point

By 1<sup>st</sup> set 80.05 chs



7<sup>th</sup> Standard Parallel to Town R. 5. N.

80.00 By 2<sup>nd</sup> set 79.95 chs the mean of which is  
51.43 ft from the secant

Set a lime stone 18x16x4 ins. 12 ins  
in the ground for standard or to see  
32x33. Marked SC on N with H

Notches on E and 2 notches on W. edges

And raised a Md of stone 2 ft  
base 2 ft high N of cor

Land rolling 75 chs hilly 5 chs

Soil 2<sup>nd</sup> rate

Scattering timber 5 chs

S 89.59° from the secant through sec 32  
Descending over rough ground

17.00 Bottom of gulch <sup>no chs wide</sup> course S ascend

Cliff bet measurements of 40 chs by two sets

of chainsmen is 7 chs; position of Middle point

By 1<sup>st</sup> set 39.96 chs

By 2<sup>nd</sup> set 40.03 chs the mean of which is

40.00 50.83 ft from the secant

Set a sand stone 24x7x5 ins 16 ins in  
the ground for standard 1/4 sec cor

7<sup>th</sup> Standard Parallel N. Tm R 5 W

Marked 3C 1/4 32 on N face; dug pits  
18x18x12 in E & W of stone 3 ft dia  
and raised a md of earth 3 1/2 ft base  
1 1/2 ft high N of Cor.

Diff bed measurement of 40 chs by two sets  
of chainmen is 8 lbs; position of middle fork

By 1<sup>st</sup> set 79.96 Chs

By 2<sup>nd</sup> set 80.04 chs the mean of which is

8000 Set a sand stone 18x10x4 in 12 in in  
the ground for Standard Cor to  
Secs 31 & 32 Marked 3C on N face  
with 5 notches on E and 1 notch on  
W edge; dug pits 24x18x12 in. crosswise  
on each line E & W. 3 ft and N of stone  
7 ft dia. and raised a md of earth  
4 ft base. 2 ft high N of Cor.

Land rolling and rough.

Soil 3<sup>rd</sup> rate

Scattering Cedars & Quirs 80 Chs

7<sup>th</sup> Standard Parallel A Through R. 5. W.

S 89° 58' W on the second 3 of sec 31

Over rolling ground

Diff bet measurements of 40 chs by two sets of  
chainmen is 6 lks; Position of Middle Joint.By 1<sup>st</sup> set 40.03 chsBy 2<sup>nd</sup> set 39.97 chs the mean of which is

40.00

At 1.07 ft from the second

Set a line stone 18x15x3 ins. 12 ins  
in the ground, for Standard 1/2 sec

Cor. marked S C 1/2 31 on N face

dig pits 18x18x12 ins E + W of stone

3 ft dia and raised a Mt of

earth 3 1/2 ft base 1 1/2 ft high N of cor

Diff bet measurements of 80 chs by two sets  
of chainmen is 4 lks; Position of Middle JointBy 1<sup>st</sup> set 80.02 chsBy 2<sup>nd</sup> set 79.98 chs the mean of which is

80.00

At 2.37 feet from the second

Set a line stone 12x14x6 ins in

a Mt of Stone for Standard Cor

to T. 29 N R. 5 and 6 W. Marked

7<sup>th</sup> Standard Parallel N. Tms. R. 5<sup>th</sup> W.

SC 29 N on N - 5 W on E and 6 W on N  
faces, with 6 Notches on N. E. + W faces  
from which.

A Cedar 6 ins diam bears N 6° 20' E, 51 lbs dia  
Marked S C T 29 N R 5 W S 31 T B T

A Cedar 8 in diam bears N 51° 40' W, 71 lbs dia

Marked S C T 29 N R 6 W S 36 T B T  
no other trees in  
land rolling.

Soil 3<sup>rd</sup> rate.

Scattered Cedars & Junos 80 etc

Jan 17 - 1900

## - General description -

The 7<sup>th</sup> Standard Parallel N, west of the  
G. & C. R. Meridian, runs through an open country,  
the surface of which is generally rolling  
with a slope to the south.

The Cataract Cañon flows in a north-westerly  
direction through T 29. N. R. 1. W. Aed.  
with its branches it is very rugged.

W Oscar Secor.

U. S. Surveyor General's Office,

Tucson, A. T., May 31st, 1900,

The foregoing field notes of the surveys  
of the 7th Standard Parallel North through  
Ranges 1, 2, 3, 4 & 5 West, G. & S. R.  
B. & Mer., in Arizona, executed by

— W. O. SECOR —

U. S. Deputy Surveyor, under his contract  
dated Oct. 10th, 1899, having been criti-  
cally examined, the necessary corrections  
and explanations made, the said field  
notes and the surveys they describe are  
hereby approved.

*George Christ*

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