General Land Office • Original Field Notes

Book Number

546

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The original surveys in Nebraska began in the mid 1850's and were completed in the mid 1880's. The Nebraska office of the Surveyor General was closed June 30, 1886.

T. 29-32 N.
R. 31 W.
and
Resurvey
of
Exteriors.

28.

Field Notes

of the

Resurvey of Exterior L

and

Survey of subdivision

of

Township No. 29 North of

the Base Line

of

Range No. 31 West

of the 6th Principal Meridian

in Nebraska

as Surveyed

by

Thomas Graham

U.S. Deputy Surveyor

under his Contract

No. 119.

Dated June 14th 1881

Survey Commenced September 18th 1881

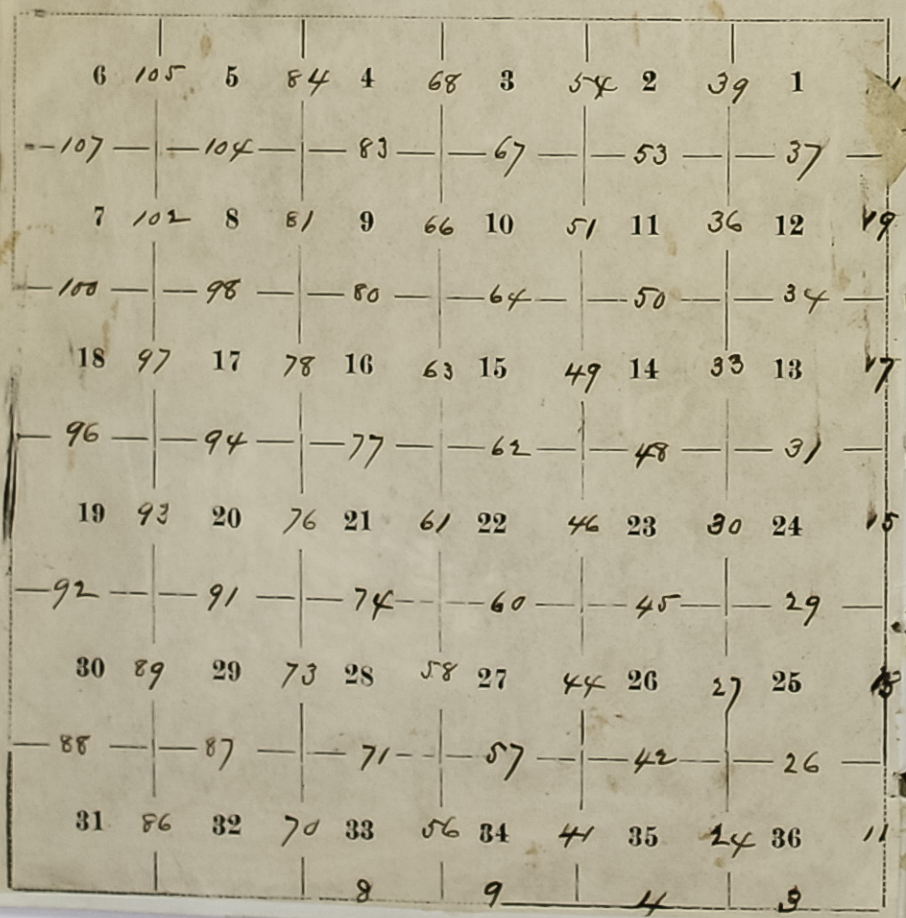
Survey Completed September 23d 1881.

Names and duties of assistants

W. I. Richardson — Compassman
G. W. Samson — Chainman
R. B. Rutherford — Chainman
Geo. E. Richtmyer — Rodman
John W. Merriam — Rodman
Elmer E. Leet — Flagman

For Preliminary notes see Pages 115 & 11 inclusive survey of T. 30 N. R. 31 W.

Town No. 29 N. Range No. 31 W.



Exteriors T 29 N. R. 31 W.

Resurvey of a portion of Exterior boundaries of T. 29 N. R. 31 W.

In Subdividing this town=
=ship I commenced by run=
=ning West on a blank line
along the South boundary of
Sec. 36 Va. 12° 50' E. at 39,82
chs. found a stake marked 1/4 S.
Sticking in the ground but
no mound or pits and at 80.
chs. found no trace of Cor.
the places for both Corners
Situated at Sandy hillside
I continue blank line with
Same Va. and at 120,28 chs.
from Township Cor. found at
24 lks N. a mound 1 ft. high
and pits N. E. and W. of Cr. 18
X 18 filled to within a few inches
of Surface with post in mound
marked 1/4 S. on N. face and
at 160.68 chs found at a
point 29 lks N. a mound

Exteriors T 29 N. R. 31 W.

in fair condition with pits
E. N. and W. 5½ ft. dist 18 X 18
ins filled to within a few
inches of the Surface, with
post in mound marked
R 31 W S. 35 on E. and
T 29 N S. 34 on W. face
with 4 notches on W. and 2
notches on E. face

I therefore resurvey this
portion of said South boundary
as follows-

Commencing at Standard
Cr. to Townships 29 N. Ranges
30 and 31 W. a mound in
fair condition with pits
24 X 18 ins nearly filled up
N. E. and W. of Cr. 6 ft. dist.
and post in mound marked
R 30 W. S 31 on E.
T 29 N. on N and
R 31 W. S 36 on W face
with 6 notches on each of

Exteriors T 29 N. R 31 W.

the N.E. and W. faces I re=
=build mound making it 2½
ft. high and 5 ft. base. and
Clean out pits making them
24 X 18 X 12 ins. Thence I run
West on a true line along
South boundary of Sec. 36.
Va. 12° 44' E.

40.17 Deposited a Charred Stake
12 ins in the ground for 1/4 Sec.
Cor. dug pits E. and W. of Cr.
18 X 18 X 12 ins 5½ ft. dist and
raised a mound of earth 1½
ft. high 3½ ft. base over it.
In E. pit drove a Stake 2
ft. long 2 ins. Square 12 ins.
in the ground marked 1/4
S. S. C. on N. face

80.34 Deposited a charred stake
12 ins. in the ground for Stan=
=dard Cor. at Secs. 35 and 36
dug pits 18 X 18 X 12 ins. N. E.
and W. of Cr. 5½ ft. dist. and

Exteriors T 29 N. R. 31 W.

raised a mound of earth
2 ft. high 4½ ft. base over
it. In E. pit drove a
Stake 2 ins. Square 2 ft. long
12 ins. in the ground marked
T 29 N. R 31 W. S. C. on N
S 36 on E. and
S 35 on W. faces with 1
notch on E. and 5 notches on
W. face. Land-Rolling. Soil. 2d rate

West on a true line along
South boundary Sec. 35
Va. 12° 44' E.

39.94 Rebuilt old Cor. by making
mound 1½ ft. high 3½ ft.
base Clean out pits making
them 18 X 18 X 12 ins. and in
E. pit drove a Stake 2 ft. long.
2 ins. Square 12 ins. in the
ground marked 1/4 S. S. C.
on N. face.

0.34 Rebuilt old Cor. by making

Exteriors T 29 N. R. 31 W.

or rebuilding old mound
2 ft. high and 4½ ft. base
Cleaned out pits making
them 18×18×12 ins. and in
E. pit drove a Stake 2 ft.
long 2 ins. Square 12 ins. in
the ground marked
T 29 N. R 31 W. S. C. on N.
S 35 on E. and
S 34 on W. faces with 2
notches on E. and 4 notches
on W. faces.
Land – Hilly and rolling
Soil – 2d rate.

Exteriors T 29 N. R. 31 W.

In searching for Cor. to Secs.
33 and 34 at the South bound-
ary of this township for a
Starting point I found a
Stake laying on the ground
marked
T 29 N. S 33. and
R 31 W. S 34. with the other
face in which there had
been some marks somewhat
decayed, but could find no
pits or mounds I according-
-ly from the Cor. to Sec. 34
and 35 on the S. boundary of
this Township ran West on a
blank line on the South
boundary of Sec. 34 and at
40.28 chs found a Stake
marked ¼ S. on N. face but
no pits or mounds and at
80.16 found at 28 lks. South
the Stake first mentioned
and at 120.16 found no. Cor.

Exteriors T 29 N. R. 31 W.

and at 159.92 chs. at 34 lks. South found the Stan=
=dard Cor. to Secs. 32 and 33 a three cornered Stake marked
T 29 N. S 32 on N W.
R 31 W. S 33 on N E. and S. C. on S faces with 2 notches on W. and 4 notches on E. face in mound about 1½ foot high 6 ft. base with pits 5½ ft. dist E. W. and N. 18 X 18 X 10 ins. I clean out pits making them 18 X 18 X 12 ins. rebuild mound ma=
=king it 2 ft. high and 6 ft. base and in E. pit drove Stake 2 ft. long 2 ins. Square 12 ins in the ground marked
T 29 N. R 31 W. S.C. on N.
S 33 on E. and
S 32 on W. faces with 2 notches on W. and 4 notches on E.

Exteriors T 29 N. R. 31 W.

Chains.	
	faces. From Said Cor. I run East on a true line on South boundary of Sec. 33, Va. 1 2° 57' E.
39.98	Deposited Charred Stake 12 in. in the ground for Standard ¼ Sec. Cor. dug pits 18 X 18 X 12 ins E. and W. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In E. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ S. S. C. on N. face
79.96.	Deposited Charred Stake 12 ins. in the ground for Standard Cor. to Secs. 33 and 34. dug pits 18 X 18 X 12 ins. N. E. and W. of corner 5½ ft. dist and raised a mound of earth 2 ft. high 4½ ft base over it. In E. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked

Exteriors T. 29 N. R. 31 W.

Chains	
	T 29 N. R 31 W. S C. on Ct S 34 on E and S 33 on W. faces with 3 notches on E and W. faces. Land - Hilly and rolling Soil - 2d and 3d rate.
	East on a true line along S. boundary Sec. 34 Va. 13° 5' E.
39.98	Deposited a charred Stake 12 ins. in the ground for Stan= =dard 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. E. and W. of Cr. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. On E. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. S. C. on N. face
8	
79.96	The Standard Cr. to Secs 34 and 35 Land. Hilly Soil - 3d rate

Exteriors T. 29 N. R. 31 W.

Chains	
	In running the East bound= =ary of Sec. 36 in this Town= =ship and commencing at the Standard Cr. to townships 29 N. R. 30 and 31 W. post in mound described on page 2 I run North on a blank E line Va 13° 00' E. at 40 chs. find the 1/4 Sec. Cr. nearly destroyed and at 81.40 chs. the Cr. to Secs. 25. 30. 31 and 36 I. therefore continue the true line North found no State on the line, the meas= =urements improperly made and some of the corners nearly obliterated but that the Cr. to townships 29 and 30 N. Ranges 30 and 31 W. was due North of the Starting Cr. as town 29 N. Range 30 W. had not been Sub= =divided and consequently

Exteriors T 29 N. R. 31 W

Chains	
	no subdivision lines had been closed on either side of this East boundary I re-survey the same as follows: Commencing at Standard Cor. to townships 29 N. of Ranges 30 and 31 W. a post in mound described at pages 2 and 3 I run North bet. Secs. 31 and 36 Va 13° 00' E.
3	
40.00	The old 1/4 Sec. Cor. in fair condition but no stake. Rebuild mound making it 1½ ft. high 3½ ft. base clean out pits 18 X 18 X 12 ins N. and S of Cor. 5½ ft. dist. In N. put down stake 2 ft. long 2 ins Square 12 ins. in the ground marked 1/4 S. on W. side

Exteriors T 29 N. R. 31 W.

Chains	
80.00	Deposited chargd stake 12 ins. in the ground for Cor. to Secs. 25. 30. 31 and 36 dug pits 18 X 18 X 12 ins. in each Sec. 5½ ft. dist and raised a mound of earth 2½ ft. high 5½ ft base over it. In S E. put down stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 29 N. S. 30 on N E, R. 30 W. S. 31 on S E, R. 31 W. S. 36 on S W. and S 25 on N W. faces with 5 notches on N. and 1 notch on S edge. From this Cor. the old Cor. a mound and pits but no stake bears North 1.40 chs. dist - Destroyed old cor, Land - Hilly and rolling Soil - 2d rate

Exteriors T 29 N. R. 31 W.

Chains	
	North Cor. Secs. 25 and 30 Va. 13° 00' E.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins N. and S. of Cor. 5½ ft. dist and raised a mound of earth 2½ ft. high 3½ ft. base over it. On N. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face. From this Cor. the old 1/4 Sec. Cor. a mound and pits but no Stake bears N. 5° 00 E 50 lks. dist. I destroy all traces of old Cor.
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 19. 24. 25 and 30 dug pits 18X18X12 ins. in each Sec. 5½ ft. dist. and raised mound of earth 2 ft. high 4½ ft. base over it. On S.E. pit drove a Stake 2 ft. long 2 ins. Square 12 ins.

Exteriors T 29 N. R. 31 W.

Chains	
	in the ground marked T 29 N. S 19 on N.E., R 30 W. S. 30 on S.E., R 31 W. S 25 on S.W. and S 24 on N.W. faces with 2 notches on S. and 4 notches on N edges.
	From this Cor. the old Cor. a mound and pits but no Stake bears N 48° 30' W. 1.69 lks. dist. –
	Destroyed all traces of old Cor.
	Land – Rolling and hilly
	Soil – 2d and 3d rate

Exteriors T 29 N. R. 31 W.

Chains	
	North bet. Secs. 19 and 24
	Va. 13° 00' E., 19 and 24.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. N and S. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In N. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face. From this Cor. the old 1/4 Sec. Cor. a mound and pits but no Stake bears North 80 lks. dist. I destroy all traces of old Cor.
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 13. 18. 19 and 24 dug pits 18 X 18 X 12 ins. in each Sec. 5 1/2 ft. dist and raised a mound of earth 2 ft. high 4 1/2 ft. base over it, In SE. pit drove a Stake 2 ft. long 2 ins. Square 12

Exteriors T 29 N. R. 31 W.

Chains.

ins. in the ground marked T 29 N. S. 18 on NE. R 30 W. S. 19 on SE. R 31 W. S. 24 on SW. and S 13 on NW. faces with 3 notches on each of North and South edges

From this Cor. the old Cor. a mound with pits but no Stake bears North 87 lks. dist - I destroy old Cor.

Land - Rolling
Soil. 2d rate

Exteriors T 29 N. R. 31 W.

Chains	
	North bet. Secs. 13 and 18 Va. 13° 00' E.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cr., dug pits 18X18X12 ins. N. and S of Cr. 5½ ft. dist. and raised a mound of earth 1½ ft. base 3½ ft. base over it. In N. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
	From this Cr. the old 1/4 Sec. Cor. a mound and pits but no Stake bears North 1.10 Chs. dist. Destroyed old Cr.
80.00	Deposited Charred Stake 12 ins. in the ground for Cr. Secs. 7, 12, 13 and 18 dug pits 18X18X12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. In S.E. pit drove

Exteriors T 29 N. R. 31 W.

Chains	
	Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 29 N. S. 7 on NE, R 30 W. S 18 on SE, R 31 W. S. 13 on SW. and S 12 on NW. faces with 4 notches on S. and 2 notches on N. edges
	From this Cr. the old Cr. a mound and pits but no Stake bears N. 2.25 Chs. dist. - Destroyed old Cr.
	Land - Rolling
	Soil. 2d - rate

Exteriors T 29 N. R. 31 W.

Chains	
	North bet Secs. 7 and 12 Va. 13.° 00' E.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins. N. and S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face From this Cor. the old Cor. a mound with pits but no Stake bears North 2.85 Chs. dist the Destroyed old Cor.
80.00	In Gordon's Creek valley bears NE and SW. Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 1 6. 7 and 12 dug pits 18X18X12 ins. in each Sec. 5½ ft. dist. and raised mound of earth

Exteriors T 29 N. R. 31 W.

Chains	
	2 ft. high 4½ ft. base over it In SE. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 29 N. S. 6 on NE. R. 30 W. S. 4 on SE. R 31 W. S 12 on SW. and S 1 on NW. faces. with 1 notch on North and 2 notches on South Edges. From this Cor. the old Cor. a mound with pits but no Stake bears North 3.15 Chs. dist = Destroyed old Cor.
	Land. Rolling
	Soil - 2nd rate.

Exteriors T 29 N. R. 31 W.

Chains	
	North bet. secs. 1 and 6 Va. 13° 00' E.
40.00	Deposited Charred Stake 12 ins in the ground for 1/4 sec. cor. dug pits 18 X 18 X 12 ins: N. and S. of cor. 3 ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on W. face, From the cor. the old cor. a mound with pits in State bears North 3.79 chs. dist. Destroyed old cor.
84.25	The cor. to Townships 29 and 30 Ranges 30 and 31 described at page 13 survey of T 30 N. R. 31 W.

Field Notes

of the Subdivision Lines

of

Township No. 29 North

of the Base Line

of

Range No. 31 West

of the 6th Principal Meridian

in

Nebraska

as surveyed by

Thomas Graham

U.S. Deputy Surveyor

under his Contract

No. 119

Dated June 14th 1881

Survey commenced September 15th 1881

Survey completed September 23d 1881

Names and duties of assistants

— —	Compassman
G. W. Lawson	Chainman
R. B. Rutherford	Chainman
Geo. E. Richtmyer	Monumaner
John W. Merriam	Monumaner
Elmer E. Leet,	Flagman

For preliminary notes see pages 1 to 11 inclusive Survey of T 30 N. R 31 W,

Index at page 00.

Subdivisions T 29 N. R 31 W.

Having retraced the East and South boundary of this township I Commence at once to Subdivide at Stand= =ard Cor. to Secs 35 and 36 on South boundary

Survey Commenced Septem= =ber 15th 1879. with a W. and L. E. Gurley's Railroad Compass.

I Commenced at Standard Cor. to Secs 35 and 36 on South boundary of town= =ship described at pages 3 and 4.

Thence I run North bet. Secs. 35 and 36 Va. 13° 12' E.

On bluffs

40.00 Deposited Charred Stake 12 ins in the ground for 1/4 Sec. Cor, dug pits 18 X 18 X 12 ins. Stand S. of Cor. 3 1/2 ft.

Subdivisions T 29 N. R. 31 W.

Chains	
	dist. and raised a mound of earth over it 1½ ft. high 3½ ft. base - Dn N. pit arrow stake 2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ S. on W. Side
43.00	Foot of bluffs bear N 70° W. enter valley
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 25. 26. 35 and 36 dug pits 18X18X12 ins. in each Sec. 5½ ft. dist. and raised mound of earth 2 ft. high 4½ ft. base over it Dn S E. pit arrow stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 29 N. S. 25 on NE. R 31 W. S. 36 on SE. S. 35 on SW. and S. 26 on NW. with 1 notch on S. and E. edges

Subdivisions T 29 N. R. 31 W.

Chains	
	Land. In bluffs hilly in valley level Soil - 3rd rate.
	East on a random line bet. Secs. 25 and 36. Va. 12° 45' E.
24.00	Leave valley and enter bluffs bear N 30° E.
40.00	Set temporary ¼ Sec. Cor.
80.57	Intersect N. and S. line 19 lks. S. of Cor. to Secs. 25. 30. 31 and 36 on east boundary of township (for description of Cor. See page 12)
	Thence I run S 89° 52' W. on a true line bet. secs. 25 and 36 with Sun Va.
40.29	Deposited Charred Stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18X18X12 ins. E. and W. of Cor. 5½ ft

dist. and raised a mound
of earth 1½ ft. high 3½ ft.
base over it. On N. E. pit
drove stake 2 ft. long 2 ins.
Square 12 ins. in the ground
marked ¼ S. on N. face 80.00
80.57 The cor. to Secs. 25. 26. 35 and
36.
Land. On valley level in
bluffs hilly
Soil – 2d and 3d rate
September 16, 1881

North bet. Secs. 25 and 26
Va. 13° 12' E.
22.00 Leave valley and enter bluffs
bearing E. and W.
40.00 Deposited Charred Stake
for ¼ Sec. Cor. 12 ins. in the
ground, aug pits 18X18X
12 ins. N. and S. of Cor. 5½ ft.
dist. and raised a mound

of earth 1½ ft. high 3½ ft. base
over it. On N. pit drove a
Stake 2 ft. long 2 ins. Square
12 ins. in the ground mark-
ed ¼ S. on W. face.
Deposited Charred Stake 12
ins. in the ground for Cor. to
Secs. 23, 24. 25 and 26 dug pits
18X18X12 ins. in each Sec. 5½
ft. dist and raised a mound
of earth 2 ft. high 4½ ft. base
over it. On S.E. pit drove
stake 2 ft. long 2 ins. Square
12 ins. in the ground marked
T 29 N. S. 24 on N.E.
R. 31 W. S. 25 on S.E.
S 26 on S.W. and
S. 23 on N.W. faces with 1
notch on E. and 2 notches on
S. edge
Land. Bluffs hilly - valley level
Soil - Bluffs 3d and 4 rate –
valley 2d rate –

Subdivisions T 29 N. R 31 W.

Chains	
	East on a random line bet. Secs. 24 and 25 — Va. 12° 5' E,
40.00	Set temporary 1/4 Sec. Cor,
80.72	In Case of East boundary of township 74 lks. S. of Cor. to Secs. 19. 24. 25 and 30 (described at pages 13 and 14). Thence I run S 89° 28' W. on a true line bet. Secs. 24 and 25 with Same va.
40.36	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec, Cor, dug pits 18X18X12 ins. E. and W. of Cor. 5 1/2 ft. dist and raised a mound of earth to 1 1/2 ft. high 3 1/2 ft. base over it On E. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S, on N. face
80.72	The Cor. to Secs. 23. 24. 25 and 26 Land — Hilly Soil — 3d and 4th rate

Subdivisions T 29 N. R. 31 W.

Chains.	
	North bet. Secs. 23 and 24 Va. 13° 12' E,
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins. N. and S. of Cor. 5 1/2 ft. dist and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it, Dug N. pit drove Stake 2 ft long 2 ins Square 12 ins. in the ground marked 1/4 S, on N. face.
50.00	From this point Small lake about 20 X 10 Chs. laying S E. and N W bears N 75 E,
71.00	Foot of bluffs bear. N 8° W, on Cr valley
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 13. 14. 23. and 24, dug pits 18X18X12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high

Subdivisions T29 N. R. 31 W.

Chains

4½ ft. base over it. In S.E. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked T29 N. S. 13 on N.E. R. 31 W. S. 24 on S.E. S. 23 on S.W. and S. 14 on N.W. faces with 1 notch on E. and 3 notches on S. edge

From this cor. lake aforesaid bears S 30¼° E.

Land – Hilly

Soil – 2d rate

East on a random line bet. Secs. 13. and 24

Va. 13° 05' E.

40.00 Set temporary ¼ Sec. cor.

80.46 Intersect E. boundary of township 68 lks. S. of cor. to Secs. 13. 18. 19 and 24 a

Subdivisions T29 N. R. 31 W.

Chains

mound described at pages 15 and 16

Thence I run S 89° 31' W on a true bet. Secs. 13 and 24 with same Va.

40.23 Deposited Charred Stake 12 ins. in the ground for ¼ Sec. cor. dug pits 18×18×12 ins. E. and W. of cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. In E. pit drove stake 2 ft. long 2 ins. square 12 in. in the ground marked ¼ S. on N. face

80.46 The cor. to Secs. 13. 14. 23 and 24

Land – Level.

Soil – 1st rate sandy loam

September 16. 1881.

Subdivisions T 29 N. R. 31 W.

Chains	
	North bet. Secs. 13 and 14 Va. 13° 05' E.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. N. and S. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. On N. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. side
43.00	Foot of bluffs bears S 60° E.
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 11, 12, 13 and 14 dug pits 18 X 18 X 12 ins. in each Sec. 5 1/2 ft. dist and raised a mound of earth 2 ft. high 4 1/2 ft. base over it. On S. E. pit drove stake 2 ft long 2 ins Square 12 ins. in the ground marked

Subdivisions T 29 N. R. 31 W.

Chains	
	T 29 N. S. 12 on N.E. R 31 W. S. 13 on S.E. S. 14 on S.W. and S. 11 on N.W. faces with 1 notch on E. and 4 notches on S. edge. Land – valley land, bluffs hilly. Soil – valley 2d, bluffs 3d rate
	East on a random line bet. Secs. 12 and 13. Va 13° 30'
38.00	From this point an alkali lake about 10 Chs Wide S. and 5 Chs wide bears S 38° E. about 40 Chs. dist
40.00	Set temporary 1/4 Sec. Cor.
80.60	Intersect the last boundary of the township at 75 lks. S. of the Cor. to Secs.

Subdivisions T 29 N. R. 31 W.

Chains	
	7. 12, 13. and 18, a mound described at pages 17 and 18. Thence Draw S 89°. 28' W. on a true line bet. Secs. 12 and 13 with Same va,
40.30.	Deposited a Charred Stake 12 ins. in the ground for 1/4 Sec, Cor. dug pits 18X18X12 ins, E. and W. of Cor. 5½ ft. dist and raised a mound of earth 1½ ft. high 3½ ft. base over it. In E. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face.
80.60	The Cor. to Secs. 11. 12. 13. and 14 Land. Hilly Soil – 3d rate

Subdivisions T 29 N. R. 31 W.

Chains	
	North bet. Secs. 11 and 12 va. 13°. 10' E.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins. N. and S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove stake 2 ft. long 2 in. Square 12 ins. in the ground marked 1/4 S. in N. face
58.00	Foot of bluffs bear E. and enter Gordon Creek valley
64.20	Gordon Creek here a dry bed 10 lks. wide bears N 80° E.
80.00	Deposited a Charred Stake 12 ins. in the ground for Cor. to Secs. 1. 2. 11 and 12, dug pits 18X18X12 ins. in each Sec. 5½ ft. dist and raised a mound of earth 2 ft. high 4½ ft. base over it. In S E.

Chains	
	pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked. T 29 N. S. 1 on NE, R. 3 W. S. 12 on SE, S 11 on SW. and S 2 on NW. faces with 1 notch on E. and 5 notches on S. edge
40.12	Land- In valley level, bluffs rolling and broken Soil. In valley 2d and bluffs 3d rate
	East on a random line bet. Secs. 1 and 12. Va. 13° 00' E.
40.00	at temporary 1/4 Sec. cor,
55.00	Gordons creek 10 lks. wide bears NE. dry channel
80.24	Intersect the east boundary of the township at 72

Chains	
	lks. S. of cor. to Secs. 1, 6, 7 and 12 a mound described at pages 19 and 20, Thence I run S 89° 29' W. on a true line bet. Secs. 1 and 12 with same va. Deposited Charred Stake 12 ins. in the ground for 1/4 Sec, cor. dug pits 18 x 18 x 12 ins. E, and W. of cor. 5 1/2 ft. dist, and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In E. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face.
80.24	The cor. to Secs. 1, 2, 11. and 12 Land. Bluffs rolling valley level, Soil. Bluffs 3d rate valley 2d rate.

Chains	
	North on a random line bet. Secs. 1 and 2, Va. 13° 10' E.
21.00	Foot of bluffs about 250 ft. high bear N 40° E. ascend
40.00	Set temporary 1/4 Sec. Cor.
85.00	Intersect North boundary of the township at 32 l. W. of the Cor. to Secs. 1, 2, and 36 a mound described in Survey of T 30 N R 31 W, at pages 27 and 28.
	Thence I run S 0° 14' W. on a true line between Secs. 1 and 2 with same va.
45.00	Deposited Chas. a stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. N. and S. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. On N. pit drove stake 2 ft. long 2
40.	
55	
80.	

Chains.	
	ins. square 12 ins. in the ground marked 1/4 S. on W. face
85.00	The Cor. to Secs. 1, 2, 11, and 12.
	Land. Bottom level - bluffs hilly -
	Soil - Bottom 1st rate bluffs 2d and 3d rate.
	September 17, 1881.

Subdivisions T 29 N. R. 31 W.

Chains	
	From the Standard Cor. to secs. 34 and 35 on the S. boundary of the township a mound described at page 4 and 5 I run
	North bet. secs. 34 and 35 Va. 13° 12' E
10.00	Foot of bluffs bear W. ascend
40.00	Deposited charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 W. and S. of Cor. 5 1/2 ft. dist. and raised mound of earth 1 1/2 ft high 3 1/2 ft. base over it. Dug W. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on W. face
70.00	Foot of bluffs - enter valley bearing E and W.
80.00	Deposited charred stake - 12 ins. in the ground for Cor. to Secs. 26. 27. 34 and 35.

Subdivisions T 29 N. R. 31 W.

Chains.	
	dug pits 18 x 18 x 12 ins. in each Sec. 5 1/2 ft. dist. and raised mound of earth 2 ft high 4 1/2 ft. base over it. Dug S E. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked T 29 N. S. 26 on N. E. R. 31 W. S. 35 on S E. S 34 on S W. and S 27 on N W. faces with 2 notches on E. and 1 notch on S edge
	Land. valley level. bluffs hilly and broken.
	Soil - valley 2d rate bluffs 3d rate -
	East on a random line bet Secs. 26. and 35 Va. 1°. 45' E
40.00	Set temporary 1/4 Sec. Cor.

Subdivisions T 29 N. R 31 W.

Chains	
80.68	In Cor. 4 N. and S. line 30 lks. S. of Cor. to Secs 25. 26. 35 and 36.
	Thence Draw
	S 89° 47' W on a true line bet Secs. 26 and 35 with Same va,
40.34	Deposited Charred Stake 12 ins in the ground for 1/4 Sec. Cor, dug pits 18 X 18 X 12 ins E. and W. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. Ins E. pit arrow stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.68	The Cor. to Secs 26. 27. 34 and 35 - Land. Level bottom Soil - 2d rate.
	September 16th 1881.

Subdivisions T 29 N. R. 31 W.

Chains	
	North bet. Secs. 26 and 27 Va. 13° 12' E.:
11.00	Edge of Swamp bears E.
30.00	Leave of Swamp bears S 70° E.
37.00	Foot of Bluffs bear N 60° E ascend
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. N. and S. of Cor. 5½ ft. dist and raised mound of earth 1½ ft. high 3½ ft. base over it. Ins N. pit arrow stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.00	Deposited Charred Stake 12 ins. in the ground for Cor to Secs. 22. 23. 26 and 27 dug pits 18 X 18 X 12 ins. in each Sec. 5½ ft. dist and raised a mound of earth 2 ft. high 4½ ft. base over it Ins S E. pit arrow stake 2 ft. long 2

Subdivisions T 29 N. R. 31 W.

Chains	
	ins. Squar marked T 29 N. S. 23 on N E. R 31 W. S 26 on S E. S 27 on S W. and S 22 on N W. faces with 2 notches on S. dis 2 notches on E. edge Land. Valley level - bluffs rolling and broken Soil. Valley 2d rate - bluffs 3d rate.
	East on a random line bet. Secs. 23 and 26 Va. 12° 00' E.
40.00	Set temporary 1/4 Sec. Cor
80.78	In Intersect N. and S. line 25 lks. N. of Cor to Secs. 23. 24. 25. and 26.
	Thence N on N 89° 49' W on a true line bet. Secs. 23 and 26 with Same

Subdivisions T 29 N. R. 31 W.

Chains.	
	va.
40.39	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. E. and W. of Cor. 5 1/2 ft. dist and raise mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. On E. pit a post Stake 2 ft. long 2 ins. Squar 12 ins. in the ground marked 1/4 S. on N. face
80.78	The Cor. to Secs. 22, 23. 26 and 27 Land - Hilly Soil - 3d rate.
	North bet Secs. 22 and 23 Va. 13° 00' E.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 in. N. and S. of Cor. 5 1/2 ft. dist and raised a mound of earth 1 1/2

Subdivisions T 29 N. R. 31 W.

Chains	
	ft. high 3½ ft. base over it
	On N. pit drove Stake 2 ft.
	long 2 ins. Square 12 ins. in the
	ground marked ¼ S. on W. face
75.00	Leave bluffs and enter valley
	bears N. 70° E.
80.00	Deposited Chas. a Stake 12 ins.
	in the ground for Cor. to Secs. 14
	15. 22 and 23. dug pits 18X18X12
	ins. in each Sec. 5½ ft. dist and
	raised mound of earth 2 ft. high
	4½ ft. base over it. On SE. pit
	drove a Stake 2 ft. long 2 ins.
	Square 12 ins. in the ground
	marked
	T 29 N. S. 14 on NE.
	R. 31 W. S. 23 on SE,
	S. 15 on SW. and
	S. 10 on NW. faces with 2
	notches on E. and 3 notches on
	S edges
	Land. Bluffs hilly - valley level
	Soil. valley 2d rate bluffs 3d rate

Subdivisions T 29 N. R. 31 W.

Chains.	
	East on a random line bet.
	Secs. 14 and 23
	Va. 12° 30' E.
35.00	Foot of bluffs bear S. in ber valley
40.00	Set temporary ¼ Sec. Cor.
77.00	Foot of bluffs bearing N 60° W. as cent
80.34	Intersect N. and S. line 42
	lks. N. of Cor. to Secs. 13. 14. 23
	and 24
	Thence I run
	N 89°. 42' W. on a true line bet
	Secs. 14 and 23 with Same Va.
40.17	Deposited Chas. a Stake 12 ins.
	in the ground for ¼ Sec. Cor. dug
	pits 18X18X12 ins. East W. of Cor. 3½
	ft. dist. and raised mound of
	earth 1½ ft. high 3½ ft. base over it
	On E. pit a roo Stake 2 ft. long 2
	ins square 12 ins. in the ground
	marked ¼ S. on N. face
80.34	The Cor. to Secs 14. 15. 22 and 23
	Land. Bluffs hilly - valley level
	Soil. Bluffs 3d rate - valley 2d rate

Subdivisions T 29 N. R. 31 W.

Chains	
	September 17th 1881
	North bet Secs 14 and 15
	Va 13° 05' E.
27.00	Foot of bluffs. bear S 60° E. ascend
40.00	Deposited Charred Stake 12 ins.
	in the ground for 1/4 Sec. Cor. dug
	pits 18 X 18 X 12 ins. N. and S. of Cor.
	5 1/2 ft. dist. and raised a mound of
	earth 1 1/2 ft. high 3 1/2 ft. base over it.
	In N. pit drove Stake 2 ft. long
	2 ins. Square 12 ins. in the ground
	marked 1/4 S. on W. side
80.00	Deposited Charred Stake 12 ins.
	in the ground for Cor. to Secs 10, 11
	14 and 15. dug pits 18 X 18 X 12 ins.
	in each Sec. 5 1/2 ft. dist. and
	raised a mound of earth 2 ft.
	high 4 1/2 ft. base over it. In S.E. pit
	drove Stake 2 ft. long 2 ins. Square 12 ins.
	in the ground marked
	T 29 N. S. 11 on N.E.
	R 31 W. S 14 on S.E.
	S 15 on S.W. and

Subdivisions T 29 N. R 31 W.

Chains	
	S 10 on N.W. faces with 2
	notches on E. and 4 notches
	on S. edges
	Land. In valley level - bluffs hilly
	Soil - Valley 2° rate - bluffs 3° rate
	East on a random line bet
	Secs 11 and 14
	Va. 12° 30' E.
40.00	Set temporary 1/4 Sec. Cor.
64.46	Narrow valley about 90 lks wide
	Course S.
80.46	Intersect N. and S. line 24 lks.
	S. of Cor. to Secs. 11, 12, 13 and 14
	Thence I run
	S 89° 30' W. on a true line bet.
	Secs. 11 and 14 with same Va,
40.23	Deposited Charred Stake 12 ins.
	in the ground for 1/4 Sec. Cor,
	dug pits 18 X 18 X 12 ins. East & W
	of Cor. 5 1/2 ft. dist and raised a
	mound of earth 1 1/2 ft. high

Subdivisions T 29 N. R. 31 W.

Chains	
	3½ ft. base over it. Dr E. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ S. on N. face
80.46	The cr. of Secs. 10. 11. 14 and 15 — Land - Hilly and broken Soil - 3d and 4th rate
	September 19th 1881.
	North bd. Secs. 10 and 11 Vd. 13° 10' E.
40.00	Deposited Charred Stake 12 ins. in the ground for ¼ Sec. Cr. dug pits 18 X 18 X 12 ins. W. and S. of Cr. 5½ ft. dist. and raised Mound of earth 1½ ft. high 3½ ft. base over it. Dr N. pit drove stake 2 ft. long 2 ins Square 12 ins. in the ground marked ¼ S. on W. face
50.00.	Foot of bluffs bears S 85° W. on Cr Graden Creeks valley

Subdivisions T 29 N. R. 31 W.

Chains.	
67.00	Graden Creek 8 lks. wide runs S 80° E. a dry channel with occasional Deposites Charred Stake 12 ins. in the ground for Cr. of Secs. 2, 3. 10 and 11, dug pits 18 X 18 X 12 ins in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. Dr S E, pit drove stake 2 ft. long 2 ins, Square 12 ins. in the ground marked. T 29 N. S. 2 on NE. R 31 W. S. 11 on SE. S. 10 on SW. and S. 3 on NW. faces with 2 notches on E. and 3 notches on S. edge
80.00	Land. valley level - bluffs hilly Soil - valley 1st rate - bluffs 2d. and 3d rate

Subdivisions T 29 N. R 31 W.

Chains	
	East on a random line bet. Secs. 2 and 11 Va 1 V°. 30' E.
25.00	Foot of bluffs about 150 ft. high bear S 55° E. ascend
40.00	Set temporary 1/4 Sec. Cor,
68.00	Foot of bluffs bear N 30° E. enter Gordon Creek valley
80.50	Intersect N. and S. line 45 lks. S. of Cor. to Secs. 1. 2, 11 and 12
	Thence Draw S 89° 41' W. on a true line bet Secs. 2 and 11 with same va.
40.25	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. E and W. of Cor. 5 1/2 ft. dist and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In E. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked

Subdivisions T 29 N. R. 31 W.

Chains.	
	1/4 S. on N. face
80.50	The Cor. to Secs. 2. 3. 10 and 11 Land - valley level. bluffs hilly Soil - valley 1st and 2d rate bluffs 2d rate September 20th 1881.
	North on a random line bet. Secs. 2 and 3. Va. 13° 00' E.
40.00	Set temporary 1/4 Sec. Cor.
52.00	Foot of bluff bear N 20° W. ascend
83.36	Intersect the north boundary of township at 50 lks W. of Cor. to Secs. 2. 3. 34 and 35 a mound described in Survey of T 30 N. R 31 W. at page 29.
	Thence Draw S 0° 21' W. on a true line bet Secs. 2 and 3 with same va.
43.36	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec.

Subdivisions T 29 N. R. 31 W.

Chains	
	Cor. dug pits 18×18×12 ins. N. and S. of Cor. 5½ ft. dist and raised mound of earth 1½ ft. high 3½ ft. base over it. On N. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked ¼ S. on W. face
83.36	The Cor. to Secs. 2. 3. 10 and 11 Land. Valley level - bluffs rolling Soil - Valley 1st rate - bluffs 2d and 3d rate September 21st 1881

Subdivisions T 29 N. R. 31 W.

Chains	
	From the Standard Cor. to Secs. 33 and 34 on the S. boundary of the township a mound described at pages 8 and 9.
	I run North bet. Secs. 33 and 34 Va. 13°. 12' E.
40.00	Deposited Charred Stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18×18×12 ins. N. and S. of Cor. 5½ ft. dist and raised mound of earth 1½ ft. high 3½ ft. base over it. On N. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked ¼ S. on W. face.
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 27 28. 33 and 34. dug pits 18×18×12 ins. in each Sec. 5½ ft. dist and raised a mound of earth 2 ft. high 4½ ft. base over it On S E. pit drove stake

Subdivisions T 29 N. R. 31 W.

Chains	
	2 ft. long 2 ins. Square 12 ins. in the ground marked T 29 N. S. 27 on N.E., R 31 W. S 34 on S.E., S 33 on S.W. and S 28 on N.W. faces with 1 notch on S. and 3 notches on E. edge
	Land - Rolling and broken
	Soil - 3d rate - Sandy
	East on a random line bet Secs. 27 and 34 Va. 12° 45' E,
40.00	Set temporary ¼ Sec. Cor.
60.00	Leave bluffs and enter valley bearing N and S.
79.62	Intersect N. and S. line 52 lks. N. of Cor. to Secs 26, 27 34 and 35
	Thence I run N 89° 38' W. on a true line

Subdivisions T 29 N. R. 31 W.

Chains.	
	bet. Secs. 27 and 34 with same Va.
39.81	Deposited Charred Stake 12 ins in the ground for ¼ Sec. Cor. dug 18 X 18 X 12 ins. E and W. of Cor. 5½ ft. dist, and raised a mound of earth 1½ ft. high 3½ ft. base over it. No E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ S. on N. face
79.62	The Cor. to Secs. 27, 28, 33 and 34 Land. valley level bluffs rolling Soil - valley 2d rate bluffs 3d rate
	North bet. Secs. 27 and 28, Va 13° 20' E,
22.00	Leave bluffs and enter valley bears S 80° E
39.00	Leave valley enter bluffs bear E.
40.00	Deposited Charred Stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18 X 18 X 12 ins. N. and S. of Cor. 5½ ft. dist. and raised

Subdivisions T 29 N. R. 31 W.

Chains	
	mound of earth 1½ ft. high 3½ ft. base over it. Dn N. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked ¼ S. on N. face
80.00	Deposited Charred Stake 12 ins. in the ground for cor. to Secs. 21, 22, 27 and 28, dug pits 18 X 18 X 12 ins. in each Sec. 5½ ft. dist. and raised mound of earth 2 ft. high 4½ ft. base over it. On SE. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked T 29 N. S 22 on NE. R. 31 W. S. 27 on SE. S. 28 on SW. and S 21 on NW. faces with 3 notches on E. and 2 notches on S. edge
	Land. Valley level - bluffs rolling hilly and broken
	Soil - valley 2d rate bluffs 3d and 4th rate

Subdivisions T 29 N. R. 31 W.

Chains	
	East on a random line bet. Secs. 22 and 27. Va. 12° 30' E.
40.00	set temporary ¼ Sec. Cor.
80.00	Intersect N. and S. line 72 lks N. of cor. to Secs 22, 23, 26 and 27.
	Thence S. run
	N 89° 29' W. on a true line bet. Secs 22 and 27 with Same va.
40.00	Deposited Charred Stake 12 ins. in the ground for ¼ sec. Cor. dug pits 18 X 18 X 12 ins. E and W. of cor. 5½ ft. dist. and raise mound of earth 1½ ft. high 3½ ft. base over it. On E. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked ¼ S. on N. face
80.00	The Cor. to Secs. 21, 22, 27 and 28 Land. Hilly Soil - 3d rate

Subdivisions T 29 N. R. 3 1 W.

Chains	
	North bet. Secs 21 and 22 Va. 13° 20' E.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. N. and S. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. Dw R. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
56.00	Foot of bluffs bear E. ascend
78.00	Foot of bluffs bear N.
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 15, 16 21 and 22 dug pits 18 X 18 X 12 ins in each Sec. 5 1/2 ft. dist and raised a mound of earth 2 ft. high 4 1/2 ft base over it. Dw S E. pit drove Stake 2 ft long 2 ins. Square 12 ins. in the ground marked T 29 N. S 15 on N E. R. 3 1 W. S 22 on S E. S 21 on S W. and

Subdivisions T 29 N. R. 3 1 W.

Chains	
	S 16 on N W. faces with 3 notches on each of S and E. edges Land - valley level. bluff rolling Soil. - valley 2nd rate bluffs 3rd rate
	East on a random line bet. Secs. 15 and 22. Va. 12°. 20' E.
	On W. slope of bluff
40.00	Set temporary 1/4 Sec. Cor.
71.00	Foot of bluff bears N W. into valley
80.40	Intersect N. and S. line 38 lks N. of Cor. to Secs. 14, 15. 22. and 23. Thence S. on N. 89° 44' W. on a true line bet Secs. 15 and 22 with Same Va.
40.20	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pit 18 X 18 X 12 ins E and N. of Cor. 5 1/2 ft. dist and raise mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. Dw E. pit drove stake

Subdivisions T 29 N. R. 31 W.

Chains	
	2 ft long 2 ins. square 12 ins. in the ground marked 1/4 S. on S. face
80.40	The cr. to Secs. 15, 16, 21 and 22. Land Rolling Soil. 2nd rate. September 19th 1881

North bet. Secs. 15 and 16
Va. 13° 15' E.
along face of bluffs

17.00	Foot of bluff bear E. ascend
40.00	Deposited Charred Stake 12 ins in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. N. and S. of cr. 5½ ft. dist. and raise mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove stake 2 ft. long 2 ins. Square 12 ins in the ground marked 1/4 S. on W. face
80.00	Deposited Charred Stake 12

Subdivisions T 29 N. R. 31 W.

Chains	
	ins. in the ground for cr. to Secs 9, 10, 15 and 16, dug pits 18 X 18 X 12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it In S.E. pit drove a stake 2 ft. long 2 ins. Square 12 ins in. the ground marked. T 29 N. S. 10 on N.E. R. 31 W. S. 15 on S.E. S 16 on S.W. and S 9 on N.W. faces with 3 notches on E. and 4 notches on S. edge Land Hilly and rolling Soil — 3rd rate.

East on a random line bet. Secs. 10 and 15
Va. 12° 20' E.

40.00	Set temporary 1/4 Sec. Cor.
44.00	Narrow pass between sand

Subdivisions T 29 N. R 31 W.

Chains	
	Lies 1 chain wide bears Trees S.
80.72	Intersect N. and S. line 44 lks N. of Cor. to Secs. 10. 11. 14 and 15
	Thence I run N 89° 41' W. on a true line bet Secs. 10 and 15 with Same Va.
40.36.	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec, Cr. dug pits 18 X 18 X 12 ins. E. and W. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
80.72	The Cor. to Secs 9. 10. 15. and 16. Land – Hilly and broken Soil, 3d rate
	September 20th 1881.

Subdivisions T 29 N. R 31 W.

Chains	
	North bet. Secs. 9 and 10 Va. 13° 10' E.
32.00	Leave bluffs and enter Gordons Creek valley bears E.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. N. and S. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
54.00	Gordons Creek 10 lks. wide course E. here a dry Channel with occasional pools of water
77.00	Foot of bluffs bear E. ascend.
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs 3. 4. 9 and 10. dug pits 18 X 18 X 12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base over it.

Subdivision T 29 N. R. 31 W.

Chains	
	In S E. pit drove stake 2 ft. long 2 ins square 12 ins in the ground marked T 29 N. S. 3. on N E. R 31 W. S 10 on S E. S 9 on S W. and S 4 on N W. with 3 notches on E. and 5 notches on S edge Land.- Level or slightly rolling Soil.- 2d rate
	East on a random line bet Secs. 3 and 10 Va. 12° 10' E.
40.00	Set temporary 1/4 Sec. Cor.
80.42	On East bank and S. line 28 lks. S. of Cor. to Secs 2. 3. 10 and 11.
	Thence N run S 89° 48' W. on a true line bet. Secs. 3 and 10 with Same Va.
40.21	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec.

Subdivision T 29 N. R. 31 W.

Chains	
	Cor. dug pits 18 X 18 X 12 ins. E. and W. of Cor. 3 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it In E. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.42	The Cor. to Secs 3. 4. 9 and 10. Land. Level and slightly rol-ling - Soil - 1st and 2d rate.
	North on a random line bet Secs. 3. and 4 Va. 12° 50' E.
40.00	Set temporary 1/4 Sec. Cor.
70.00	Leave bluffs and enter val-ley bearing E and W.
81.06	Intersect North boundary of the township at 68 lks. W. of the Cor. to Secs. 3. 4 & 3.

Subdivisions T 29 N. R. 31 W.

Chains	
	and 34 a mound described at page 32 Survey of T 30 N. R 3 W.
	Thence Drew
	S 0° 29' W. on a true line bet Secs. 3 and 4 with same va,
41.06.	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cr. dug pits 18 X 18 X 12 ins. N. and S. of Cr. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. SW Cor. pit drove Stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S on W. face
81.06	The Cor. to Secs. 3. 4. 9 and 10. Land. Hilly and rolling Soil. 3d-rate.
	September 21st. 1881.

Subdivisions T 29 N. R. 31 W.

Chains	
	From the Standard Cor. to Secs 32 and 33 on the S. boundary of the township (a mound described at page 7,
	Drew
	North bet. Secs. 32 and 33. Va 13° 20' E.
40.00	At. foot of bluffs near C. Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cr. dug pits 18 X 18 X 12 ins. N. and S. of Cr. 5 1/2 ft. dist and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. SW Cor. pit drove a Stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on W. face
80.00	Deposited charred Stake 12 ins. in the ground for Cor. to Secs. 28. 29. 32 and 33. dug pits 18 X 18 X 12 ins in each &c. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base

Subdivisions T 29 N. R. 31 W.

Chains	
	over N. On SE. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked T 29 N. S. 28 on NE. R 31 W. S. 33 on SE. S 32 on SW. and S 29 on NW. faces with 1 notch on S. and 4 notches on E. edges Land. Valley level bluffs hilly - Soil. - Valley 1st rate - bluffs 3rd rate.
	East on a random line bet. Secs. 28 and 33, Va. 12°. 45' E.
40.00	Set temporary 1/4 Sec. Cor.
79.82	On bank N. and S. line 42 lks. S. of cor. to Secs. 27. 28. 33 and 34. Thence S run

Subdivisions T 29 N. R. 31 W.

Chains	
	S 89°. 42' W. on a true line bet. Secs. 28 and 33 with same Va.
39.91	Deposited Charred stake 12 ins. in the ground for 1/4 Sec Cor. and pits 18 X 18 X 12 ins. E. and W. of cor. 6 1/2 ft. dist. and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. SW E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
79.82	The cor. to Secs. 28. 29. 32 and 33. Land. - W 1/2 hilly - E 1/2 rolling Soil. - 3rd rate

Subdivisions T 29 N. R. 31 W.

Chains	
	North bet. secs. 28 and 29 Va. 13° 20' E.
36.00	Foot of bluffs bear E. enter valley
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. W. and S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In S. pit as wit stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
46.00	Edge of Swamp dry at present bears S 80° E.
56.00	Leave swamp bears E.
62.00	Foot of bluffs bear E. ascend
80.00	Deposited Charred Stake 12 ins. in the ground for Cor to Secs. 20. 21. 28 and 29 dug pits 18 X 18 X 12 ins. in each Sec. 5½ ft. dist. and raised

Subdivisions T 29 N. R. 31 W.

Chains	
	mound of earth 2 ft. high 4½ ft. base over it. In S E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked — T 29 N. S. 21 on NE. R. 31 W. S. 28 on SE. S 29 on SW. and S 20 on NW. faces with 2 notches on S. and 4 notches on E. edge Land — In valley level — bluffs hilly Soil. — Valley 2d rate — bluffs 3d and 4th rate.
	East on a random line bet. Secs. 21 and 28 Va. 12° 00' E.
40.00	Set temporary 1/4 Sec. Cor.
80.00	In bet N. and S. line 15 lks. E. of Cor. to Secs 21. 22.

Subdivisions T 29 N. R. 31 W.

Chains	
	27 and 28
	Thence I run
	S 89°. 54' W. on a true line
	bet. secs. 21 and 28 with same va
40.00	Deposited Charred Stake
	12 ins. in the ground for 1/4
	Sec. Cor. dug pits 18×18×12 ins
	E. and W. of Cor. 5½ ft. dist.
	and raised mound of earth
	1½ ft. high 3½ ft. base over
	it. In E. pit drove stake
	2 ft. long 2 ins. square 12
	ins. in the ground marked
	1/4 S. on N. face
80.00	The Cor. to Secs. 20. 21. 28 and 29
	Land. Hilly and broken
	Soil — 3d rate.

Subdivisions T 29 N. R. 31 W.

Chains	
	North bet. Secs. 20 and 21
	Va. 13°. 25' E.
40.00	In low bluffs. Deposited Char-
	-red Stake 12 ins. in the
	ground for 1/4 Sec. Cor. dug
	pits 18×18×12 ins. N. and S.
	of Cor. 5½ ft. dist. and raised
	mound of earth 1½ ft. high
	3½ ft. base over it. In N.
	pit drove stake 2 ft. long
	2 ins. square 12 ins. in the
	ground marked 1/4 S. on
	W. face
53.00	Leave low bluffs and enter
	valley
80.00	Deposited Charred Stake 12
	ins. in the ground for Cor. to
	Secs. 16. 17. 20 and 21, dug
	pits 18×18×12 ins. in each Sec
	5½ ft. dist. and raised a
	mound of earth 2 ft. high 4½
	ft. base over it. In S.E. pit
	drove stake 2 ft. long 2 ins.

Subdivisions T 29 N. R. 3 W

Chains	
	Square 12 ins. in the ground marked T 29 N. S. 16 on NE, R 3 W. S. 21 on SE. S 20 on SW. and S 17 on NW. faces with 3 notches on S. and 4 notches on E. edges. Land. - Rolling Soil. - 2d rate.
	East on a random line bet Secs 16 and 21 Va. 12° 55' E. along S. face of bluffs.
22.00	Enter valley brass Cr 50° E.
46.00	Set temporary 1/4 Sec. Cor.
79.76	Intersect N. and S. line 50 lks. S. of cor. to Secs. 15, 16, 21 and 22
	Thence S. on S 89° 39' W. on a true line

Subdivisions T 29 N. R. 3 W.

Chains	
	bet. Secs 16 and 21 with same Va,
39.88	Deposited charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. E. and W. of cor. 5 1/2 ft. dist and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. On E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
79.76	The cor. to Secs. 16, 17, 20, and 21. Land - Level or slightly rolling Soil. 2d rate - September 20th. 1881.
	North bet. Secs. 16 and 17 Va. 13° 25' E. ascend in low bluffs.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. W.

Subdivisions T 29 N. R. 31 W.

Chains	
	and S. of cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked ¼ S. on W. face. — Leave bluffs and enter valley bearing E.
80.00	Deposited Charred Stake 12 ins. in the ground for cor. to Secs. 8. 9. 16 and 17 dug pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist. and raised mound of earth 2 ft. high 4½ ft. base over it. In S.E. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked T 29 N. S. 9 on NE. R 31 W. S 16 on SE. S 17 on SW. and S 8 on NW. faces with 4 notches on each of S and E. edges

Subdivisions T 29 N. R 31 W.

Chains	
	Land. valley level-bluffs rolling. Soil — valley 2nd rate-bluff 3rd rate
	East on a random line bet Secs. 9 and 16. Va 13° 00' E.
18.00	Leave valley and enter low bluffs bearing this point NE. and SE.
40.00	Set temporary ¼ Sec. Cor.
80.16	Intersect N and S. line 45 lks S. of cor. to Secs 9. 10. 15 and 16. Thence N 89° 41' W. on a true line bet. Secs. 9 and 16 with same Va.
40.08	Deposited Charred Stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18 X 18 X 12 ins. E and W. of cor. 5½ ft. dist. and raise mound of earth to

Subdivisions T 29 N. R. 31 W.

Chains	
	1½ ft. high 3½ ft. base over it. S.W. & E. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.16	The cor. to Secs. 8, 9, 16 and 17, Land. Valley level - bluff rolling and somewhat broken Soil - valley 2d rate - bluff 3d and 4th rate.
	September 21st 1881.

North bet Secs. 8 and 9
Va. 13°. 10'
In valley

19.00	Foot of bar bluff bears N 40 E ascend
31.00	Foot of bar bluff bear S 40 E enter valley
40.00	Deposited Charred Stake 12 ins in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins N. and S. of Cor. 3½ ft. dist. and raise mound of earth 1½ ft. high 3½ ft. base

N

Subdivisions T 29 N. R. 31 W.

Chains.	
	over it. S.W. N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W face.
75.00	Girard's Creek 10 lks. wide bears E. here a dry channel
80.00	Deposited Charred Stake for Cor. to Secs. 4, 5, 8 and 9. dug pits 18 X 18 X 12 ins. in each Sec, 3½ ft. dist and raised a mound of earth 2 ft. high 4½ ft. base over it. S.W. S.E. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked R 29 N. S. 4 on N.E, R. 31 W. S. 9 in S.E, S 8 on S.W. and S 5 on N.W. faces with 4 notches on E. and 5 notches on S edge Land - Bluffs rolling Valley level Soil. - Valley 3d rate Bluffs 3d rate.

Subdivisions T 29 N. R. 31 W.

Chains	
	East on a random line bet Secs 4 and 9 Va. 13° 10' E.
31.50	Foot of bluffs bear S E.
40.00	Set temporary 1/4 Sec. Cor. in face near foot of bluffs
80.00	Intersect N. and S. line 36 Lks. S. of Cor. to Secs 3, 4, 9 and 10
	Thence I run S 89° 45' W. on a true line bet Secs. 4 and 9 with Same Va.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. E. and W. of Cor. 5 1/2 ft. dist. and raised a mound of earth over'd 1 1/2 ft. high 3 1/2 ft. base On E. pit a two Stake 2 ft long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.00	The Cor. to Secs 4, 5, 8 and 9. Land. Level or gently rolling Soil - E 1/2 1st and W 1/2 2d rate

September 22nd. 1881.

Subdivisions T 29 N. R. 31 W.

Chains	
	North on a random line bet Sec. 4 and 5 Va. 12°. 30'
12.00	Foot of bluffs bear E. ascend
40.00	Set temporary 1/4 Sec. Cor.
59.00	Foot of bluffs - enter Board-man Creek valley bear E.
72.00	Edge of marsh bear E. - dry now but probably covered with water in wet seasons
80.34	Intersect the north bound-ary of the township at 22 Lks. W. of Cor. to Secs 4, 5, 32 and 33. a mound described at page 35 Survey of T 30 N. R 31 W.
	Thence I run S 0° 09' W. on a true line bet Secs. 4 and 5 with Same Va.
40.34	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. N. and S. of Cor. 5 1/2 ft. dist. and

Subdivisions T 29 N. R. 31 W.

Chains	
	raised a mound of earth 1½ ft. high 3½ ft. base over it. On N. pit drove a stake 2 ft. long 2 ins. square 12 ins in the ground marked ¼ S. on W. face.
80.34	The cor. to Secs 4, 5, 8 and 9. Land - On bluffs hilly - valley level Soil - Bluffs 3rd rate - valley 1st and 2nd rate. September 23 1881.
40.00	
	From the Standard Cor. to Secs. 31 and 32 on the South boundary of the township which is a three cornered Stake marked R 31 S 32 on W E. T 29 31 on N W. and S. C. on S faces with 1 notch on W and 2 notches on E. faces in a mound nearly oblit=
48.00	

Subdivisions T 29 N. R. 31 W.

Chains	
	=erated with pits N. E. and W. of cor. 5½ ft. dist 18 X 18 ins partially filled and which I repair by making pits 18 X 18 X 12 ins and mound cor. 2 ft. high and 4½ ft. base I run North bet. Secs. 31 and 32 Va 13° 20' E.
16.00	Leave bluffs bearing E. and enter valley
40.00	Deposited Charred Stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18 X 18 X 12 ins. N. and S. of cor. 5½ ft. dist. and raise mound of earth 1½ ft. high 3½ ft. base over it. On N. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ S. on W. face
48.00	Leave valley and enter low bluffs

Subdivisions T 29 N. R. 31 W.

Chains	
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 29. 30. 31 and 32 dug pits 18×18×12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 3½ ft. base over it. In S.E. pit drove Stake 2 ft. long 2 ins. square 12 ins. in the ground marked. T 29 N. S 29 on N.E. R. 31 W. S. 32 on S.E. S 31 on S.W. and S 30 on N.W. faces with 5 notches on E. and 1 notch on S. edge Land. - Rolling and hilly Soil. - 2d rates
	East on a random line bet. Secs. 29 and 32 Va. 12° 36' E.
40.00	Set temporary ¼ Sec. Cor.
80.32	Intersect the N. and S. line 8 lks. N. of Cor. to Secs. 28. 29 32 and 33.

Subdivisions T 29 N. R. 31 W.

Chains	
	Thence I run N. 89° 57' W. on a true line bet. Secs. 29 and 32 with same Va.
40.16	Deposited Charred Stake for ¼ Sec. Cor. dug pits 18×18×12 ins. E and W. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In E. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked ¼ S. on N. face.
80.32	The Cor. to Secs. 29, 30, 31 and 32. Land. W½ rolling E½ hilly Soil. 3d rate.
	West on a random line bet Secs 30 and 31 Va. 12° 36'
40.00	Set temporary ¼ Sec. Cor.
79.46	Intersect west boundary of the township 68 lks. N. of Cor. to Secs. 25. 30. 31 and 36 a mound 1½ ft. high 4 ft. base with pits

Subdivisions T 29 N. R. 31 W.

Chains	
	18 X 18 X 12 ins. in each sec. 5½ ft. dist partially filled up no stake or similar mark Thence I run
	N. 89° 31' E. on a true line bet secs. 30 and 31 with same va.
39.46	Deposited charred stake 12 ins. in the ground for ¼ sec. cor dug pits 18 X 18 X 12 ins. E. and W. of cor. 5½ ft. dist and raised a mound of earth 1½ ft. high 3½ ft. base over it. In E. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked ¼ S. on N. face
79.46	To Cor. to Secs. 29, 30, 31 and 32. Land - Hilly } September Soil - 3d rates } 21st. 1881
	North bet. secs. 29 and 30 va. 13° 20' E.
40.00	Deposited charred stake 12 ins. in the ground for ¼ sec. cor. dug pits 18 X 18 X 12 ins. N.

Subdivisions T 29 N. R. 31 W.

Chains	
	and S. of cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove stake 2 ft long 2 ins. square 12 ins. in the ground marked ¼ S. on W. face
80.00	Deposited charred stake 12 ins. in the ground for cor. to secs. 19, 20 29 and 30. dug pits 18 X 18 X 12 ins. in each sec. 5½ ft. dist and raised a mound of earth 2 ft. high 4½ ft. base over it. In S E. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked T 29 N. S. 20 on N E. R. 31 W. S. 29 on S E. S 30 on S W. and S 19 on N W. faces with 5 notches on E. and 2 notches on Sedge Land. Rolling Soil. 2d rate.

Subdivisions T 29 N. R. 31 W.

Chains	
	East on a random line bet. Secs. 20 and 29
	Va. 1 1/2°. 36' E.
40.00	Set temporary 1/4 Sec. Cor.
80.06	Intersect N. and S. line 8 lks. S. of Cor. to Secs 20. 21. 28 and 29.
	Thence I run
	S 89°. 57' W. on a true line bet. Secs. 20. and 29 with Same Va.
40.03.	Deposited Charred Stake for 1/4 Sec. Cor. 12 ins. in the ground, dug pits 18 X 18 X 12 ins. E and W. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In E. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.06	The Cor. to Secs. 19. 20. 29 and 30. Sand Hilly and broken Soil - W 1/2, 3d rate E 1/2, 4th rate

Subdivisions T 29 N. R. 31 W.

Chains	
	West on a random line bet. Secs. 19 and 30.
	Va. 1 1/2°. 50' E.
40.00	Set temporary 1/4 Sec. Cor.
80.24	Intersect west boundary of the township 44 lks. N. of Cor. to Secs. 24. 25. 19 and 30. a mound 1 1/2 ft. high 4 ft. base with pits in each Sec 18 X 18 X 12 ins 5 1/2 ft. dist, partially filled ins stake or similar mark to be found
	Thence I run
	N 89°. 41' E. on a true line bet. Secs. 19 and 30 with Same Va.
40.24	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. E and W. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In E. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
80.24	The Cor. to Secs. 19. 20. 29 and 30

Subdivisions T 29 N. R. 31 W.

Chains	
	Land. E ¼ hilly, balance rolling Soil. 3d rate
	North bet Secs. 19 and 20 Va. 13°. 25' E.
40.00	Deposited Charred Stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18 X 18 X 12 ins. N. and S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ S. on W. face
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 17. 18. 19 and 20. dug pit 18 X 18 X 12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. In S.E. pit drove a Stake 2 ft. long 2 ins. Square

Subdivisions T 29 N. R. 31 W.

Chains	
	12 ins. in the ground marked T 29 N. S. 17 on N.E., R 31 W. S. 20 on S.E., S 19 on S.W. and S 18 on N.W. faces with 5 notches on E. and 3 notches on S. edge.
	Land – S ½ hilly. N ½ hilly and broken Soil – S ½ 4th rate balance 3d rate.
	East on a random line bet. Secs. 17 and 20 Va. 12°. 36' E.
39.00	Enter valley bears E.
40.00	set temporary ¼ Sec. Cor.
47.00	To avoid Swamp I offset S. 10 chs. at W. edge thence E. on offset line 33. chs. and then offset back to line which at this point is 12 lks. and N. of Cor. to Secs. 16. 17. 20 and 21. – distance back to E. edge of

Subdivisions T 29 N. R. 3 W.

Chains	
	Swamp is 6 chs. making
74.00	E. end of Swamp.
80.00	Intersect N. and S. line 12
	lks. N. of Cor. to Secs. 16. 17.
	20 and 21.
	Thence I run
	N. 89° 55' W. on a true line bet
	Secs. 17 and 20 with Same va,
40.00	Deposited Charred Stake 12 ins
	in the ground for 1/4 Sec. Cor.
	dug pit 18 X 18 X 12 ins. E. and W.
	of Cor. 5 1/2 ft. dist. and raised a
	mound of earth 1 1/2 ft. high 3 1/2
	ft. base over it. In E. pit
	drove Stake 2 ft. long 2 ins. Square
	12 ins. in the ground marked
	1/4 S. on N. face
80.00	The Cor. to Secs. 17. 18. 19 and 20
	Land. Level and rolling
	Soil - 1st and 2d rate

Subdivisions T 29 N. R. 3 W.

Chains	
	West on a random line bet
	Secs. 18 and 19
	Va. 13° 15' E.
40.00	set temporary 1/4 Sec. Cor.
50.00	Enter bottom land or valley
	bearing N W.
81.20	Intersect West boundary of
	the Township 7/5 lks. N. of Cor.
	to Secs 13. 18. 19 and 24. a
	mound 1 ft. high 4 ft. base
	with pits in each S. C. 5 1/2 ft
	dist. 18 X 18 ins nearly filled
	up no Stake or similar mark
	Thence I run.
	N. 89° 28' E. on a true line bet
	Secs 18 and 19 with Same va.
41.20	Deposited Charred Stake 12 ins
	in the ground for 1/4 Sec. Cor. dug
	pits 18 X 18 X 12 ins. E. and W. of Cor.
	5 1/2 ft. dist. and raised a mound
	of earth 1 1/2 ft. high 3 1/2 ft. base
	over it. In E. pit drove a Stake
	2 ft. long 2 ins. Square 12 ins

Subdivisions T29N. R. 31W.

Chains	
	the ground marked 1/4 S. on S. face
81.20	The cr. to Secs. 17, 18, 19 and 20. Land:- E'ly rolling - W'ly level Soil - W'ly 2d rate E'ly 3d rate
	North bet. Secs. 17 and 18 Va. 13° 20' E.
40.00	Deposited Chas. a stake 12 ins. in the ground for 1/4 Sec. Cr. dug pits 18 X 18 X 12 ins. N. and S. of cr. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In N. pit. drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 Sec. on W. face.
80.00	Deposited Chas. a Stake 12 ins. in the ground for Cr. to Secs. 7, 8, 17 and 18. dug pits 18 X 18 X 12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound

Subdivisions T29N. R. 31W.

Chains.	
	of earth 2 ft. high 4 1/2 ft. base over it. On SE. pit drove a Stake 2 ft. long 2 ins Square 12 ins. in the ground marked. T29N. S. 8 on NE. R31W. S 17 on SE. S 18 on SW. and S 7 on NW. faces with 4 notches on S. and 3 notches on E. edge Land - Hilly Soil - 3d rate.
	East on a random line bet. Secs. 8 and 17 Va. 12° 30' E. at foot of bluffs
30.00	Leave bluffs bearing SE. and enter valley
40.00	Set temporary 1/4 Sec. Cr.
79.64	Intersect N. and S. line 30 chs. South of Cr. to Secs. 8, 9, 16.

Subdivisions T 29 N. R. 31 W.

Chains	
	and 17
	Thence I run
	S 89° 47' W. on a true line bet.
	Secs. 8 and 17 with Same Va,
39.82	Deposited Charred Stake
	12 ins. in the ground for 1/4
	Sec. Cor. dug pits 18 X 18 X 12 ins
	E. and W. of Cor. 5 1/2 ft. dist
	and raised a mound of
	earth 1 1/2 ft. high 3 1/2 ft. base
	over it. In E. pit drive Stake
	2 ft. long 2 in. Square 12 ins.
	in the ground marked 1/4
	S. on N. face
79.64	The Cor. to Secs. 7. 8. 17 and 18.
	Land. Bluffs hilly - valley
	level.
	Soil - Bluffs 3d rate - Val=
	=ley 2d rate
	September 22d 1881.

Subdivisions T 29 N. R. 31 W.

Chains	
	West on a random line
	bet. Secs. 7 and 18.
	Va. 13° 40' E.
6.00	Foot of hill about 200 ft.
	high ascend
40.00	Set temporary 1/4 Sec. cr.
66.00	Foot of bluffs bear S E and
	N E from this point
83.10	Intersect west boundary of
	the township 65 lks. N. of cor.
	to Secs. 7. 12. 13. and 18. a
	mound 1 1/2 ft. high 3 ft. base
	with pits in each Sec. 30 X
	18 X 12 ins. 5 1/2 ft. dist partly
	filled and no Stake or
	Similar mark
	Thence I run
	N 89° 32' E. on a true line
	bet. Secs. 7 and 18 with Same Va,
43.10	Deposited a charred Stake
	12 ins. in the ground for 1/4 Sec.
	Cor. dug pits 18 X 18 X 12 ins. E. and
	W. of Cor. 5 1/2 ft. dist. and raised a

Subdivisions T 29 N. R. 31 W.

Chains	
	mound of earth 1½ ft. high 3½ ft. base over it. In E. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
83.10	The Cor. to Secs. 7. 8. 17 and 18. Land. E¾ Hilly. W¼ rolling Soil. E¾ 3d and 4th rate - W¼ 2d rate.

Subdivisions T 29 N. R. 31 W.

Chains.	
	North bet. Secs. 7 and 8. Va. 13° 10' E.
	At foot of bluffs. enter valley a slighter rolling ground
22.00	Foot of bluffs cross E. ascend
40.00	Deposited a charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits N. and S. of cor. 18 X 18 X 12 ins. 5½ ft. dist. and raised a mound of earth over it 1½ ft. high 3½ ft. base In N. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face.
64.00	Foot of bluffs bear S 85° E. enter Gordon Creek valley
80.00	Deposited Charred Stake 12 ins. in the ground for cor. to Secs. 5. 6. 7 and 8, dug pits 18 X 18 X 12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth over it. 2 ft. high 4½ ft. base

Subdivisions T 29 N. R. 31 W.

chains	
	Inv S E. pit. drove stake 2 ft. long 2 ins. square 12 ins. in the ground. marked. T 29 N. S. 5 on N E, R. 31 W. S. 8 on S E, S 7 on S W. and S 6 on N W. faces with 5 notches on each of S and E. edges
	Land – In bluffs hilly – in valley level.
	Soil. In valley 2d rate — bluffs 3d rate.

Subdivisions T 29 N. R. 31 W.

chains.	
	East on a random line bet. Secs 5 and 8. Va. 12° 45' E.
10.00	Set temporary 1/4 Sec. Cor.
14.00	Gordons Creek 8 lks. wide here a dry sandy Channel bears S E.
79.30.	Intersect N. and S. line 28 lks. S. of Cor. to Secs. 4, 5, 8 and 9
	Thence Draw S 89° 48' W. on a true line bet. Secs. 5 and 8 with Same Va.
39.65	Deposited a charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. E. and W. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. Inv E. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S on N. face

Subdivisions T 29 N. R. 31 W.

Chains	
79.30	The cor. to Secs. 5. 6. 7 and 8 Land. - Level. Soil. - 2d rate - light sandy loam
**	For line between Secs 6 & 7 see page 107.
	North on a random line bet Secs. 5 and 6, Va. 1 2°. 30' E,
13.00	Gordan Creek dry sandy Channel 8 lks. wide bears E,
14.00	Foot of bluffs bear E. ascend.
46.00	Set temporary 1/4 Sec. Cor.
70.00	Foot of bluffs bear E. enter Boardman Creek valley
79.06	Intersect north boundary of the Township 5 lks W. of Cor. to Secs. 5. 6. 31 and 32 a mound described in Survey of T 30 N. R 31 W. at page 37
	Thence S run S 0°. 02' W. on a true line bet Secs. 5 and 6 with same va.

Subdivisions T 29 N. R. 31 W

Chains.	
39.06	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec, Cor. dug pits 18 X 18 X 12 ins. N. and S. of cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. On N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
79.06	The cor. to Secs. 5. 6. 7 and 8. Land - Bluffs hilly - valley level - Soil - Boardman valley 1st rate - Gordan valley 2d rate and bluffs 3d rate.

Subdivisions T 29 N. R. 31 W.

Chains	
**	West on a random line bet. secs. 6 and 7. Va. 14°.00' E.
40.00	Set temporary 1/4 sec. cor.
83.95	Intersect the west boundary of the township 37 lks. north of the cor. to secs. 1, 6, 7 and 12 a mound 1 ft. high 4½ ft. base with pits 24 x 18 x 10 ins in each sec. 5½ ft. dist the mound worn down and pits partially filled up apparently no stake or similar marks Thence I run N. 89°.44' E. on a true line bet. secs. 6 and 7. with same va.
43.95	Deposited a charred stake 12 ins. in the ground for 1/4 sec. cor. dug pits 18 x 18 x 12 ins. E. and W. of cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In E. pit drove stake

Subdivisions T 29 N. R. 31 W.

	2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on N. face.
83.95	The cor. to secs. 5, 6, 7 and 8. Land - Level or slightly rolling Soil - 2d and 3d rate. September 23d 1881.

Subdivision T 29 N. R. 31 W.

Subdivision T 29 N. R. 31 W

General Description

This township has no timber, and no water except in small ponds in Gordon Creek in Secs. 10, 11 and 12, Swamps on line between Secs. 26 and 27, and on north line of Sec. 20, alkali Lake in Sec. 13. and fresh water lake in Sec. 24 neither lake has any banks. The soil is generally sandy averaging 2nd or 3rd rate

The Surface is composed of sand hills or bluffs from 50. to 200 ft. high separated by valleys from one forth to one mile broad containing good growth of grass. of the blue joint and other varieties while outside of the valleys is found buffalo bunch and other grasses affording in every part of the township good grazing - No improvements or settlements.

Subdivisions T 29 N. R 31 W

On account of continued hazy and cloudy weather while in this township I was unable to take any observations on the Star Polaris

A List of the Names of the individuals employed by Thomas Graham, U. S. Deputy Surveyor, to assist in running, measuring and marking the lines and corners described in the foregoing field notes of the survey of the Subdivision lines and Extension lines of Township No. 29 North of the Base line of Range 31 West of the Sixth Principal Meredian in the State of Nebraska, showing the respective capacities in which they acted:

W. T. Richardson	Compassman,
George W. Lawson	Chainman,
Robt. B. Rutherford	Chainman,
	Chainman,
	Chainman,
George E. Richtmyer	Moundman,
John W. Merriam	Moundman,
Elmer E. Cox	Flagman,
	Flagman.

We hereby certify that we assisted Thomas Graham United States Deputy Surveyor, in surveying all those parts or portions of the Subdivision lines and Extension lines of Township No. 29 North of the Base line of Range 31 West of the Sixth Principal Meredian in the State of Nebraska, 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 U. S. Surveyor General for Nebraska and Iowa.

W. T. Richardson	Compassman.
G. W. Lawson	Chainman.
R. B. Rutherford	Chainman.
	Chainman.
	Chainman.
Geo. E. Richtmyer	Moundman.
John W. Merriam	Moundman.
Elmer E. Cox	Flagman.
	Flagman.

Subscribed in my presence and sworn to before me this 17th day of December, 1881.

Daniel C. McKelvy
Notary Public

I, Thomas Graham, U. S. Deputy Surveyor, do solemnly swear that in pursuance of instructions received from Geo. C. Smith U. S. Surveyor General for Nebraska and Iowa, bearing date of the 14th day of June, 1881, I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the U. S. Surveyor General for Nebraska and Iowa, the Surveying Manual, and the Laws of the United States, surveyed all those parts or portions of the Subdivision lines and resurvey of Exterior lines of Township No. 29 North of the Base Line of Range No 31 West of the 6th Principal Meridian in the State of Nebraska, as are represented in the foregoing field notes as having been surveyed by me and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Surveying Manual, printed instructions, the special written instructions of the United States Surveyor General for Nebraska and Iowa, and in the specific 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 8th, 1846.

Thomas Graham

U. S. Deputy Surveyor.

Subscribed in my presence and sworn to before me this 1st day of February, 188 2.

David C. McKillip

Notary Public

Surveyor General's Office
Plattsmouth Neb.
March 20th 1882

The foregoing Field Notes of the Survey of Subdivision Lines and the re-survey of of exterior lines of Township No 29 N. Range No 31 W. of Principal Base and Meridian in the State of Nebraska, Executed by Thomas Graham, under his contract No 119 Dated June 14th 1881 In the month of Sept 1881, having been critically examined, the necessary corrections and explanations made, The said field notes and the Survey they describe are hereby approved

Geo C Smith
Surveyor General

Field Notes

of the Survey of the

Subdivision Lines

(and Re-Survey of Exterior Lines)

of

Township No. 30 North

of the Base Line

of

Range No. 31 West

of the 6th Principal Meridian

in

Nebraska

as Surveyed by

Thomas Graham

U. S. Deputy Surveyor

Under his Contract

No. 119

Dated June 14th 1881

Survey Commenced August 17th 1881

Survey Completed August 30th 1881

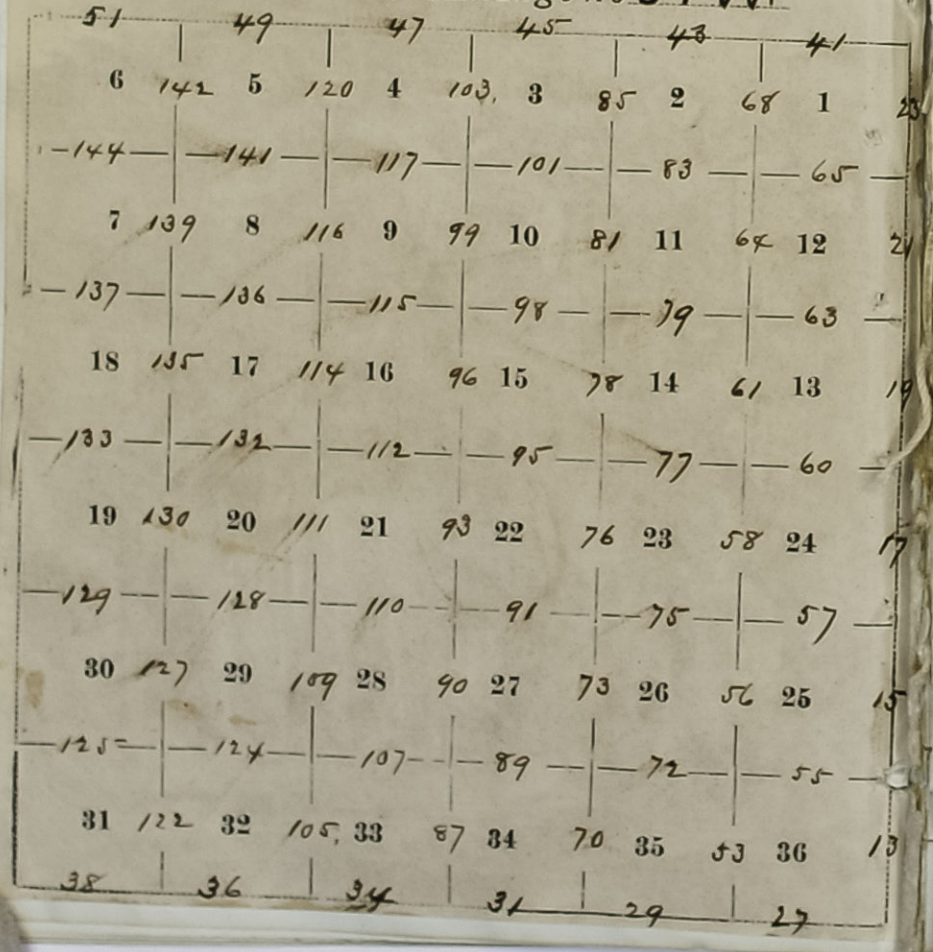
Names and duties of assistants

G. W. Lamson Chainman
Ed. F. Isard Chainman

B. B. Rutherford Chainman
Elmer E. Cox Chainman
John McCrosson Chainman
Geo. E. Richtmyer Moundman
John W. Merriam Moundman
Elmer E. Cox Flagman
G. W. Lamson Flagman
Preleminary Oaths. 11

Town No 30 N. Range No 31 W.

51		49		47		45		43		41	
6	142	5	120	4	103	3	85	2	68	1	23
144		141		117		101		83		65	
7	139	8	116	9	99	10	81	11	64	12	21
137		136		115		98		79		63	
18	135	17	114	16	96	15	78	14	61	13	19
133		132		112		95		77		60	
19	130	20	111	21	93	22	76	23	58	24	17
129		128		110		91		75		57	
30	127	29	109	28	90	27	73	26	56	25	15
125		124		107		89		72		55	
31	122	32	105	33	87	34	70	35	53	36	13
38		36		34		31		29		27	



Preleminary Oaths of assistants

We George W. Lamson and Edward F. Isard do Solemnly Swear that we will well and faithfully execute the duties of Chain carriers that we will level the Chain over 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 length 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 Subdivision and meander lines of Townships No. 29 30, 31 and 32 of Ranges 30 and 31 all North of the Base line and

Preleminary oaths of assistants

West of the Sixth Princi=
=pal Meredian in the
State of Nebraska and in
setracing exterior lines
of above named Townships
G W Lawson Chainman
E H Peard Chainman
Subscribed to and Sworn to
before me this third day of
August 1881.

D D Tyson
Clerk of the District Court
of Sherman County Nebraska

Preleminary Oaths of assistants

We George E. Richtmyer
and John W. Merriam do
Solemnly Swear that we
will well and truly perform
the duties of Axemen and
Monumen in the estab=
=lishment of Corners and other
duties according to instruc=
=tions given us and to the
best of our Skill and ability
in the Survey of the Sub=
=division and Meander
lines of Townships No. 29
30, 31 and 32 of Ranges
30 and 31 all North of
the Base Line and West
of the Sixth Principal
Meredian in the State
of Nebraska and in setra=
=cing exterior lines of Said
Townships

Geo E Richtmyer Axeman and Monumen
John W Merriam Axeman and Monumen
Subscribed and Sworn to be

Pre

Preleminary Oaths of Assistants

=fore me this Third day of
August 1881

L. D. Gross
Clerk of the District Court of
Sherman County Nebraska

leminary Oaths of assistants

I Elmer E. Cox do Solemn=
=ly swear that I will well
and faithfully execute the duties
of Chain Carrier that I will level
the Chain upon even and une=
=ven ground and plumb the
tally pins by Sticking or dropping
the Same that I will report
the true distance to all nota=
=ble objects and the true length
of all lines that I assist in
measuring to the best of my
knowledge Skill and ability
and in accordance with the in=
=structions given me in the
Survey of the Subdivision and
meander lines of Townships
Nos. 29. 30. 31 and 32 of
Ranges Nos. 30 and 31 all South
of the Base Line and West of
the Sixth Principal Mere=
=dian in the State of Nebraska
and in retracing the exterior
lines of the above named

Preleminary Oaths of Assistants

Townships

Elmer E. Cox, Chainman

Subscribed and Sworn to before me this August 20th 1881

Thomas Graham

U. S. Deputy Surveyor

Preleminary Oaths of assistants

I John McCrossan do Solemnly Swear that I will well and faithfully execute the duties of Chain Carrier that I will hold the Chain upon even and inc=-ven ground and plumb the tally pins either by Sticking or dropping the Same that I will report the true distance to all notable objects and the true length of all lines that I assist in measuring to the best of my Skill and ability and in accordance with in=-Structions given me in the Survey of the Subdivision and meander lines of Townships No. 29, 30, 31 and 32 of Ranges 30 and 31 all North of the Base Line and West of the Sixth Principal Meredian in the State of Nebraska and in retracing the exterior lines of the above named

Preliminary Oaths of assistants

Townships

John McCrossan Chainman

Subscribed and Sworn to before me this 24th day of August 1881

Thomas Graham
U.S. Deputy Surveyor

Preliminary Oaths of assistants

I R. B. Rutherford do Solemnly Swear that I will well and faithfully execute the duties of Chain Carrier that I will level the Chain upon even and uneven ground and plumb the tally pins either by Sticking or dropping the Same that I will report the true distance to all notable objects and the true length of all lines that I assist in measuring to the best of my Skill and ability and in accordance with instructions given me in the Survey of the Subdivisions and Meander lines of Townships Nos. 29, 30, 31 and 32 of Ranges 30 and 31 all North of the Base Line and West of the Sixth Principal Meridian in the State of Nebraska and in ascertaining the Meander lines of

Preleminary Oaths of Assistants

the above named Townships
R. B. Rutherford Chainman
Subscribed and Sworn to before
me this 25th day of August
1881

Thomas Graham
U. S. Deputy Surveyor.

Preleminary oaths of assistants

I. Willis T. Richardson do
Solemnly Swear that I will
well and truly perform the
duties of Compassman ac=
=cording to instructions given
me and to the best of my
Skill and ability in the
Survey of Subdivision and Meander
lines and resurvey of exterior lines
of Townships No. 29, 30, 31 and 32
of Ranges No. 30 and 31 all north
of the base line and West of the
Sixth Principal Meredian in
the State of Nebraska

W. T. Richardson
Compassman

Subscribed and Sworn to be=
=fore me this 1st. day of Sep=
=tember 1881

Thomas Graham
U. S. Deputy Surveyor

Exteriors T 30 N. R. 31 W.

Resurvey of the exterior boundaries of T 30 N. of Range 31 W of the Sixth Principal Meredian. Nebraska

In Subdividing this township I commence by running North on a blank line on the East boundary of Sec. 36 Va 13.32' E. and at 40.17 Chs. I found the 1/4 Sec. Cor 20 lks. East and at 80 Chs and 66 lks the old Sec. Cor. 26 lks. East both nearly obliterated

I therefore continued the true line North and found the alignment bad and the measurements defective, Some of the Cors. nearly and others of them entirely obliterated

As T 30 N. of R 30 W had not been Subdivided and consequently no Subdivision lines had been closed on either side of this East Bound-

Exteriors T. 30 N. R 31 W.

-ary I resurvey the same as follows: —

I commence at Cor. to townships No. 29 and 30 N. of Ranges 30 and 31 W which is a mound in fair condition with pits 24 x 18 ins 6 ft. dist, N. E. S. and W. of Cor. partially filled up, and post in State missing and repair the same by building mound up to 2½ ft. high 5 ft. base cleaned out pits 12 ins deep and in E pit drove a Stake 2 ft. long 2 ins. Square 12 ins in the ground marked T. 30 N S. 31 on N E.
R 30 W S 6 on S E.
T 29 N S 1. on S W. and
R 31 W S 36. on N W. faces with 6 notches on each edge, and from thence I run North on a true line bet. Secs. 31 and 36.

Exteriors T 30 N. R 31 W.

Chains	
	Va. 13° 22' E.
	On Gordon Creek valley
15.00	Leave valley and enter Sand bluffs bearing N E.
40.00	Deposited Charred Stake 12 ins in the ground for 1/4 Sec. Cor, dug pits 18 X 18 X 12 ins. N. and S. of cor. 5 1/2 ft dist and raised a mound of earth over it. 1 1/2 ft high and 3 1/2 ft. base On N. pit drove Stake 2 ft. long 2 ins Square 12 ins. in the ground marked 1/4 S. on W. face From this cor. the old cor. a mound nearly obliterated with pits nearly filled up bears N 13.° 40' E 20 lks. dist. Destroyed old Cor.
80.00	Deposited Charred Stake 12 ins. in the ground for cor. to Secs. 25. 30. 31 and 36 dug pits 18 X 18 X 12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of earth over it 2 ft. high 4 1/2 ft.

Exteriors T 30 N. R. 31 W.

Chains.	
	base. On S E. pit drove a Stake 2 ft. long 2 ins Square 1 2 ins in the ground marked T 30 N. S. 30 on N E. R 30 W. S 31 on S E R 31 W. S 36 on S W. and S 25 on N W. faces with 1 notch on E. and 5 notches on N. edges. From this Cor. the old cor. a mound with pits and Stake in pit bears N 19 W. 66 lks. dist. Destroyed old Cor. Land - On valley level - in bluffs broken Soil - On valley 2° rate - in bluffs 3° rate
	North bet. Secs. 25 and 30 Va. 13°. 15' E.
3.20	Leave Sand bluffs and enter rolling prairie
40.00.	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec.

Exteriors T 30 N. R. 31 W.

Chains.		
	Cor dug pits 18×18×12 ins. N. and S. of cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high and 3½ ft. base over it. In N. pit drove Stake 2 ft. long 2 ins. Square 12 ins in the ground marked 1/4 S. on W. face. From this cor. the old cor. a mound with pits bears N 7¼° W. 112 lks. dist. Destroyed old cor.	
80.00.	Deposited a charred Stake 12 ins. in the ground for. Cor. to Secs. 19. 24. 25 and 30 dug pits 18×18×12 ins. in each Sec. 5½ ft. dist and raised a mound of earth 2 ft. high 4½ ft. base over it. In S E. pit drove Stake 2 ins. Square 2 ft. long 12 ins. in the ground marked T 30 N. S. 19 on N E. R 30 W. S 30 on S E. R 31 W. S 25 on S W. and [illegible]	

Exteriors T 30 N. R. 31 W.

Chains.		
	S 24 on N W. faces with 2 notches on S and 4 notches on N. edges. From this cor. the old cor. a mound with Stake in pit bears N 9° W. 124 lks. dist Destroyed old cor. Land.— Rolling prairie Soil.— 2d rate	
	North bet Secs. 19 and 24 Va. 13° 20' E.	
	Leave rolling prairie and enter low bluffs Course E and W.	29.00
	Deposited a Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18×18×12 ins. N. and S. of Cor. 5½ ft. dist and raised a mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove a Stake 2 ins. Square 2 ft. long 12 ins in the ground marked 1/4 S. on W. face.	40.00

Exterior T 30 N. R. 31 W.

Chains	
	From this cor. the old cor. a mound and pits in bad condition with stake missing bears North 190 lks dist. Destroyed traces of old cor.
80.00	Deposited a charred stake 12 ins. in the ground for cor. to Secs. 13. 18. 19 and 24 dug pits 18X18X12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. On S.E. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 30 N. S 18 on N.E. R 30 W S 19 on S.E. R 31 W. S 24 on S.W. and S 13 on N.W. faces with 3 notches on E. and S. edges
	From this cor. the old cor. a mound nearly washed down with pits pits almost filled up and Stake missing
44.00	[illegible]

Exterior T 30 N. R. 31 W.

Chains.	
	bears N 22¼° W 2/1 lks. dist. Destroyed traces of old cor
	Land. Rolling prairie except in bluffs where it is hilly Soil – Rolling prairie 2d rate bluffs 3d rate –
	North bet. Secs. 13 and 18 Va. 13° 20' E.
40.00	Deposited charred Stake 12 ins. in the ground for ¼ Sec. cor. dug pits 18X18X12 ins. N. and S. of cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. high over it. On N. pit drove a Stake 2 ins. Square 2 ft. long 12 ins. in the ground marked ¼ S. on W face.
	From this cor. the old cor. a mound bears N 22½° W. 2.53 lks. dist. Destroyed old cor.
44.00	Enter Creek bottom bears NE.

Exteriors T 30 N. R 31 W.

Chains.	
64.00	Boardmans Creek 8 lks wide flows N 38 E.
64.50	Foot of sand bluff about 250 ft. high Course N E. Commence Step ascent.
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 7, 12, 13 and 18 dug pits 18 X 18 X 12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. On S E. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked. T 30 N. S 7 on N E. R 30 W. S 18 on S E R. 31 W. S 13 on S W. and, S 12 on N W. faces with 2 notches on N. and 4 notches on S. edges.
26.00	
36.00	
36.10	
40.00	From this cor. the old cor. which is now but a trace of mound and pits bears N 3 W.

Exteriors T 30 N. R. 31 W.

Chains.	
	219 lks. dist. Destroyed all traces of old Cor. Land.—On bottoms nearly level—in bluffs hilly and broken— Soil—On bottoms sandy loam 1st rate—in bluffs 3d rate.
	North bet. Secs. 7 and 12 Va. 13° 20' E. On bluffy ground Commence steep descent through scattering pine and cedar
	Foot of steep bluff. Leave timber and enter Creek bottom plums and willow brush course N W. Left bank Boardmans Creek 9 lks. wide flows N 65° W. Deposited Charred Stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18 X 18 X 12 ins.

Exteriors. T 30 N. R 31 W.

Chains	
	N and S. of cor. 5½ ft. dist and raised a mound of earth 1½ ft. high 3½ ft. base over it.
	Iron St. pit drove stake 2 ins. Square 2 ft. long 12 ins. in the ground marked ¼ S. on W. face. From this cor. the old cor. a pine tree bears N 25¼ E. 198 lks. dist. from which I erased all marks.
41.00	Leave creek bottom and brush and ascend
44.50	Top of rise enter rolling prairie
47.50	Road bears SE.
80.00	Deposited Charred Stake 12 ins. in the ground for cor. to Secs 1, 6, 7 and 12 dug pits 18X18X12 ins. in each Sec. 5½ ft. dist and raised mound of earth 2 ft. high 4½ ft. base over it. Iron SE. pit drove Stake 2 ft. long 2 ins Square 12 ins. in the ground

Exteriors. T 30 N. R. 31 W.

Chains	
	marked. T 30 N. S. 6 on NE. R. 30 W. S. 7 on SE. R 31 W. S 12 on SW. and S. 1 on NW. faces. with 1 notch on N. and 3 notches on S. edges. From this cor. the old cor. a mound nearly level with the ground with pits filled up and Stake bears West 14 lks. dist. Destroyed old cor. Land. Iron bluffs hilly in bot=tom and prairie rolling. Soil-Iron bottom 1st rate-rolling prairie 2d rate bluffs 3d rate Timber Cedar, pine-plum and willow brush.
	North bet. Secs. 1 and 6 Va. 13° 17' E.
10.25	Foot of bluffs bears S.W. descend
11.10	Foot of bluffs bear- S.W. enter Snake creek bottom- through

Exterior T 30 N. R. 31 W.

Chains.

flat more or less marshy

15.95 Right bank. Snake creek 405 lks wide flows N 50° E. Cross and enter bottom more or less marshy

24.25 Foot of bluffs about 220 ft. high bears N 50° E. Commence steep ascent.

40.00 Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. N and S of Cor. and 5 1/2 ft. dist. raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. Dug N. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face. From this Cor. the old Cor. which is a mound with pits all nearly obliterated bears S 1° 10' E. 67 lks. dist Destroyed old Cor.

79.24 The old Township Cor. a

Exterior T 30 N. R. 31 W.

post 4 ins. Square 4 ft. long above mound. and marked T 31 N S 31 on NE. R 30 W. T 30 S 6 on SE. R 31 W. S 36 on NW and S 1 on SW. faces. with 6 notches on each edge set in mound partly destroyed with pits 24 x 18 ins N. S. E. and W of Cor. 6 ft. dist. filled up. being on N. Side of Sandy hill Dug pits out making them 24 x 18 x 12 ins. and rebuilt mound making it 3 ft. high and 5 1/2 ft. base

Exteriors T 30 N. R. 31 W.

Before Subdividing this
township I run West on a
blank line on the South
boundary of Sec. 36 va. 13° 14E
and at 40.00 chains found a
trace of the old ¼ Sec. Cor.
North 75 lks. dist and at
80.14 chs. found the old cor.
a mound with pits but
Stake missing North 110
lks. dist.

I therefore continue the
true line West and find
the measurements improper
the alignment faulty several
of the corners nearly destroyed
with once of them missing
entirely

For these reasons I resurvey
the South boundary of this
township as follows:

From the Cor. to townships
No. 29 and 30 N. of Ranges
30 and 31 West (described on

Exteriors T 30 N. R. 31 W.

Chains	
	Page 13.) Run West on a true line bet. Secs. 1 and 36 Va. 13° 57' E.
40.00	~~Foot~~ of bluffs about 150 ft. high bears NE and SW.
41.80	Brow of bluffs bear NE.
40.00	Deposited Charred Stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18×18×12 ins. E and W of Cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. In E. pit drove Stake 2 ft. long 2 ins. Square 12 ins in the ground marked ¼ Sec. Cor. on N. face.
	From this Cor. the old ¼ Sec. Cor. a trace only of the mound and pits remaining bears North 100 lks. dist.
	Destroyed all traces of old Cor.
80.00	Deposited Charred Stake

Exteriors T 30 N. R. 31 W.

Chains

12 ins in the ground for Cor. to Secs. 1. 2. 35 and 36 dug pits 18 X 18 X 12 ins. in each Sec. 5½ ft. dist and raised a mound of earth 2 ft. high 4½ ft. base over it. In SE. pit drove a Stake 2 ins. square 2 ft. long 12 ins. in the ground marked
T 30 N. S 36 on NE.
R 30 W. S 1 on SE.
T 29 N. S 2 on SW. and
S 35 on NW. faces with 1 notch on E and 5 notches on W. edges.
From this Cor. the old cor. a mound with pits but Stake missing bears N ½ W. 157 lks. dist. Destroyed old Cor.
Land — Rolling and broken
Soil — 3d rate

Exteriors T 30 N. R. 31 W.

Chains.

West. bet. Secs. 2 and 35
Va. 13° 57' E.
9.00 Enter narrow valley bears NE. and SW.
11.00 Commence ascending
40.00 Deposited Charred Stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18 X 18 X 12 ins E. and W. of Cor. 5½ ft. dist. and raise mound of earth 1½ ft. high 3½ ft. base over it. In E. pit drove a Stake 2 ft. long 2 ins. square 12 ins. in the ground marked ¼ S on N. face
Found no trace of old Cor. after diligent search
80.00 Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 2. 3. 34 and 35. dug pits 18 X 18 X 12 ins. in each Sec. 5½ ft. dist and raised mound of earth 2 ft. high

Exterior T 30 N. R 31 W

Chains	
	4½ ft. base over it. Dug S.E. pit drove Stake 2 ins Square 2 ft. long 12 ins. in the ground marked T 30 N S 35 on N.E. R 31 W. S 2 on S.E. T 29 N. S 3 on S.W. and S 34 on N.W. faces with 2 notches on E. and 4 notches on W. edges. From this cor. the old cor. a mound and pits but Stake missing brass S 86½° W. 678 lks dist. Destroyed old cor, Land – Hilly Soil – 3rd rate

Exterior T 30 N. R. 31 W.

Chains.	
	West. bet. Secs. 3 and 34 Va. 13° 56' E.
40.	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. cor. dug pits 18 X 18 X 12 ins. E and W of cor. 5½ ft. dist and raised a mound of earth 1½ ft. high 3½ ft. base over it. Dug E. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face. From this Cor. the old cor. a mound with pits nearly filled up brass S 86° 25' W 655 lks dist. Destroyed old Cor.
45.50	Foot of bluffs enter valley brass N W and S E.
52.79	Edge of marshy ground brass S 40° E. To avoid Chaining through marsh Set flag in line on West

Exteriors T. 30 N. R. 31 W.

Chains

side thereof. I then from point on East side offset at right angles to line 5 chs. I go to extremity of offset line and find the angle between the offset line and line from extremity of offset line to point on West side of marsh is 77° 15' giving by calculation the distance between points on line on opposite sides of marsh 22.10 chs.

The distance from point on West side of marsh triangulated to back 4 W. edge of marsh is 2.53 chs. making

72.36 West edge of marsh bears S 45° E.

80.00 Deposited Charred Stake 1½ ins. in the ground for Cr. to Secs. 3. 4. 33 and 34, dug pits 18 x 18 x 12 ins. in each Sec. 5½

Exteriors T. 30 N. R. 31 W.

Chains

ft. dist and raised a mound of earth 2 ft. high 4½ ft. base over it. In S E. pit drove a Stake 2 ins Square 2 ft. long 12 ins. in the ground marked

T. 30 N. S 34 on N E,
R. 31 W. S. 3 on S E,
T. 29 N. S. 4 on S W. and
S. 33 on N W faces with 3 notches on E and W edges. From this Cor. the old Cor. a mound and pits in bad condition bears S 87 W. 600 lks. dist.

Destroyed all traces of old Cor.

Land. In bluffs hilly - Balance Level -

Soil - In bluffs 3d rate - balance 1st rate rich loam

Exterior T 30 N. R 31 W.

Chs.	Chains.	
		West bet. Secs. 4 and 33. Va. 13° 5-6' E.
	40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. E. and W. of cor. 5 1/2 ft. dist. and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. On E. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
		From this Cor. the old cor. a mound and pits but Stake missing bears S 85 1/2 W 590 lks. dist. Destroyed old cor.
7	42.00	Foot of bluffs bear NE. ascend
	65.00	Leave low bluffs bearing N.W. and enter valley of Boaramais
7		Creek.
80	72.50	Enter ground dry now but likely marshy in wet sea= =sons bears N W.

Exterior T 30 N. R. 31 W.

Chains	
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 4. 5. 32 and 33, dug pits 18 x 18 x 12 ins. in each Sec. 5 1/2 ft. dist. and raised mound of earth 2 ft. high 4 1/2 ft. base over it. On SE. pit drove a Stake 2 ins. Square 2 ft. long 12 ins. in the ground marked T. 30 N. S 33. on N E. R. 31 W. S 4 on S E. T 29 N. S 5 on S W. and S 32 on N W. faces with 4 notches on E. and 2 notches on W. edges. Diligently searched but could find no traces of old Cy. Land. On bluffs hilly - in balance level Soil. On bluffs 3d rate. bal= =ance 1st rate.

Exterior T 30 N. R 31 W.

Chains.	
	West bet. Secs 5 and 32 Va. 13° 55' E.
	To avoid chaining through marsh which occurs a few links beyond this Cor. I here offset 5 chs. South
31.00	(on line) Edge of marsh bears S 60° E.
40.00	Offset 5 chains North back to township line in advance of marsh and find the distance (31 chs.) as above noted, and Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. E. and W. of Cor. 5 1/2 ft. dist and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it.
	In E. pit drove Stake 2 ft. long 2 ins Square 12 ins. in the ground marked 1/4 S. on N. face - make diligent

Exterior T 30 N. R. 31 W.

Chains.	
	search but find no traces of old Cor.
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 5, 6, 31 and 32. dug pits 18 X 18 X 12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base over it. In SE. pit drove a Stake 2 ins. Square 2 ft. long 12 ins. in the ground marked
	T. 30 N. S. 32 on NE. R. 31 W. S 5 on SE. T. 29 N. S 6 on S W. and S 31 on N W. faces with 5 notches on E. and 1 notch on W. edges - make diligent search but find no trace of old Cor.
	Land. Level Soil - 1st rate - about 30 Chains wet in wet Seasons

Exteriors T 30 N. R. 31 W.

Chains	
	West bet. Secs 6 and 31 Va. 13° 5' E.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. E. and W. of Cor. 5 1/2 ft. dist. and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In E. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face made diligent search but can find no trace of old Cor.
85.00	The township cor. to town=ships 29 and 30 N. of Ranges 31 and 32 W. a mound in fair condition with pits N. S. E. and W. of Cor. 24 x 18 ins partly filled and post or stake missing - Rebuilt mound 2 1/2 ft. high and 5 ft. base. Cleaned out pits and made

Exteriors T 30 N. R 31 W.

them 24 x 18 x 12 ins. In E. pit drove a Stake 2 ft. long 2 ins. Square 12 ins in the ground marked T 30 N. S. 31 on NE, R. 31 W. S. 6 on SE, T 29 N. S. 1 on SW. and R 32 W. S. 36 on NW. faces with 6 notches on each edge

Chains.

In subdividing this town=
=ship and running the ran=
=dom line North bet. Secs. 1
and 2 I was unable to find
the Cor. to Secs. 1, 2, 35 and
36. I therefore commence at
Cor. to townships 30 and 31 N.
of Ranges 30 and 31 W. and
run West on a blank line
Va. 13°. 15' E. and at 40.
Chs. searched diligently but
was unable to find 1/4 Sec.
Cor. at 80. Chs. searched but
could find no Sec. Cor. and
at 90.90 Chs. found old Sec.
Cor. to Secs. 1. 2. 35 and 36.
I accordingly continued
the true line West and
found the alignment
practically correct but
the measurements im=
=properly made I therefore
resurvey said North Boundary

as follows:
From Cor. to townships 30. and
31 N. of Ranges 30 and 31 W.
(described on Pages 24 and 25)
I run.—
West bet. Secs. 1 and 36,
Va. 12°. 57' E.
On Side hill facing North
40.00 Deposited Charred Stake 12
ins. in the ground for 1/4 Sec.
Cor. dug pits 18 X 18 X 12 ins
E. and W. of Cor. 5 1/2 ft. dist.
and raised a mound of earth
1 1/2 ft. high 3 1/2 ft. base over it
In E. pit drove a Stake 2
ft. long 2 ins. Square 12 ins.
in the ground marked 1/4
S on N. face. From this Cor.
the old Cor. a mound with
pits in bad condition and
Stake missing bears S 83 1/2°
W. 1055 lks dist. Destroyed
old Cor.

Exterior T. 30 N. R. 3 W.

Chains	
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 1, 2, 35 and 36 dug pits in each Sec. 18 X 18 X 12 ins. 5½ ft. dist. and raised mound of earth 2 ft. high 4½ ft. base over it. Dw SE. pit drove Stake 2 ins. Square 2 ft. long 12 ins. in the ground marked T. 31 N. S 36 on NE. R. 3 W. S 1 on SE. T. 30 N. S. 2 on SW and S 35 on NW faces with 1 notch on E. and 3 notches on W. edges. From this Cor. the old Cor. a mound with pits bears S 88¾° W. 1068 lks dist. Destroyed old Cor. Land — Hilly Soil — 3rd rate.

Exterior T. 30 N. R. 3 W.

Chains.	
	West bet. Secs. 2 and 35. Va. 12° 5' E.
40.00	Deposited Charred Stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18 X 18 X 12 ins. E and W. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it Dw E. pit drove Stake 2 ins. Square 2 ft. long 12 ins. in the ground marked ¼ S. on N. face. From this Cor. the old Cor. a mound and pits nearly obliterated bears S 88° 50' W. 1080 lks. dist. Destroyed all traces of old Cor.
80.00	Deposited Charred Stake 12 ins in the ground for Cor. to ~~Secs.~~ Secs. 2, 3, 34 and 35. dug pits 18 X 18 X 12 in each Sec. 5½ ft. dist and raised a mound of earth 2 ft. high 4½ ft. base over it. Dw SE.

Exteriors T 30 N. R. 31 W.

Chains	
	Pit drove a Stake 2 ins. Square 2 ft. long 12 ins. in the ground marked T 31 N. S 35 on S E. R. 31 W. S 2 on S E. T 30 N. S 3 on S W. and S 34 on N W. faces with 2 notches on E and 4 notches on W. edges. From this Cor, the old Cor. a mound with pits partially filled brars S 88 3/4 W. 1087 lks. dist Destroyed old Cor. Land – Rolling and broken Soil – Third rate

Exteriors T 30 N. R. 31 W.

Chains	
	West bet. Secs. 3 and 34 Va. 12°. 57' E. On low bluffs.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. E and W. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. On E. pit drove a Stake 2 ins. Square 2 ft. long 12 ins. in the ground Marked 1/4 S. on N. face From this Cor. the old Cor. a mound and pits in bad condition brars S 89 W. 1100. lks. dist. Destroyed all traces of old Cor.
80.00.	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs 3. 4. 33 and 34 dug pits 18 X 18 X 12 ins. in each Sec. 5 1/2 ft. dist and

Exterior T 30 N. R. 31 W.

Cha	Chains		Chains.
		raised a mound of earth 2 ft. high 4½ ft. base over it. In S E. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 31 N. S 34 on N E, R. 31 W. S. 3 on S E, T 30 N. S 4 on S W, and S 33 on N W. faces with 3 notches on E and W. edges From this Cor. the old Cor, a mound with pits. and Stake missing bears N 89¼ W. 1130 lks. dist. Destroyed old Cor.	40.00
		Land - Rolling and broken Soil. 3d rate.	80.00.

Exterior T 30 N. R. 31 W.

Chains.	
	West bet. Secs. 4 and 33. Va. 12° 57' E. In rolling boulder ground Deposited Chas. a Stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18 x 18 x 12 ins. E. and W. of Cor. 5½ ft. dist and raised a mound of earth 1½ ft. high 3½ ft. base over it. In E. pit drove Stake 2 ft. long 2 ins Square 12 ins. in the ground Marked ¼ S. on N. face From this Cor. the old Cor, a mound and pits bears S. 89 W. 1135 lks. dist. Destroyed old Cor,
80.00.	Deposited Chas'd Stake 12 ins. in the ground for Cor, to Secs. 4, 5, 32 and 33. dug pits 18 x 18 x 12 ins. in each Sec. 5½ ft. dist and raised a mound of earth

Exteriors T 30 N. R 31 W.

Exteriors T 30 N. R 31 W.

Ch. Chains		Chains	
	2 ft. high 4 1/2 ft. base over it. On S.E. pit drove a Stake 2 ins. Square 2 ft. long 12 ins. in the ground marked T 31 N S 33 on N.E. R. 31 W. S 4 on S.E. T 30 N. S 5 on S.W. and S 32 on N.W. faces with 2 notches on W. and 4 notches on E. edges. From this Cor. the old Cor. a mound with pits bears N 89 1/2 W. 1148 lks. dist. Destroyed old Cor, Land.-Rolling and broken Soil - 3d Rate.		West bet. Secs. 5 and 32 va. 12° S 7° E. On bluffs
		40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. E. and W. of Cor. 5 1/2 ft. dist. and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it On E. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face. From this Cor. the old Cor. a mound and pits bears S 89 1/4° W. 1125 lks. dist. Destroyed old Cor,
		80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 5. 6. 31 and 32 dug pits 18 X 18 X 12 ins. in each Sec. 5 1/2 ft. dist. and

Exteriors T 30 N. R. 31 W.

Chains	
	raised mound of earth 2 ft. high 4½ ft. base over it. Dug S E. pit drove Stake 2 ins. Square 2 ft. long 12 ins. in the ground marked T 31 N. S 32 in S E, R 31 W. S 5 in S E. T 30 N S 6 in S W, and S 31 in N W. faces with 1 notch on E and 1 notch on Wedges. From this Cr. the old cr. a mound with pits bears S 88 3/4° W. 1140 lks. dist. Land - Broken Soil. - 3d rate

Exteriors T 30 N. R 31 W.

Chains	
	West. bet. Secs. 6. and 31 Va. 12° 57' E. Dug hilly ground
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cr. dug pit 18 x 18 x 12 ins. E and W. of cr. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. Dug E. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on E. face. From this cr. the old cr. bears S 89 W. 1129 lks. dist. Destroyed old cr.
90.26	The old cr. to townships 30 and 31 N. of Ranges 31 and 32 W. a mound somewhat worn down now 15 ins. high and 5 ft. base with pits N. S. E. and W.

Exteriors T 30 N. R. 31 W. Subdivision T 30 N. R. 31 W.

6 ft. dist & indefinite Size and post in mound
Repaired mound making it 2 1/2 ft. high and 5 ft. base and cleaned out pit making them 24 X 18 X 12 ins.
Reset post 4 ft. long 4 ins Square 2 ft. in mound marked
T 31 N. S 31 on NE.
R 31 W. S 6 on SE.
T 30 N. S 1 on SW. and
R 32 W S 36 on NW. faces with 6 notches on each edge
Land - Hilly
Soil - Second rate.

Survey commenced august 17th 1881.
Subdivision lines run with W and L. E. Gurleys Railroad Compass.
Exteriors retraced and run by W and L. E. Gurleys Light Mountain Transit followed by above Compass.
As I have already re-traced the East and South boundaries of this township I commence at once at the Cor. to Secs. 1. 2. 35 and 36 on South Boundary aforesaid described at pages 27 and 28 and from thence I run
North bet. Secs. 35 and 36
Va. 13° 22' E.
along west slope of bluff
40.00 Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. and pits 18 X 18 X 12 ins. Or.

Subdivision T 30 N. R. 31 W.

Chains.	
	and S. of Cor. 5½ ft. dist and raised mound of earth 1½ ft. high 3½ ft. base over it. Dug N. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ S. on W. face
70.00	Foot of bluffs bears Water Valley
71.50	Foot of bluffs bear S. 40 W.
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 25, 26, 35 and 36 dug pits 18X18X12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high and 4½ ft. base over it Dug S.E. pit drove Stake 2 ins. Square 2 ft. long 12 ins in the ground marked T 30 N. S. 25 on N.E. R 31 W. S. 36 on S.E. S 35 on S.W and S 26 on N.W. faces with 1 notch on S. and E. edges
	Land — Hilly
	Soil — Third rate

Subdivision T. 30 N. R. 31 W.

Chains	
	East on a Random line bet. Secs. 25 and 36 Va. 13° 56' E.
40.00	Set temporary ¼ Sec. Cor.
79.91	Intersect east boundary of the township 32 lks. S. of Cor. to Secs 25. 30. 31 and 36 (described at page 14)
	Thence Run S 89° 46' W on a true line bet. Secs. 25 and 36 with Same Va.
39.95.	Deposited Charred Stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18 X 18 X 12 ins. E. and W of Cor. 5½ ft. dist and raised a mound of earth over it. 1½ ft high 3½ ft. base. On E. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ S. on N. face
79.91	The Cor. to Secs. 25, 26, 35 and 36
	Land — Broken
August 17, 1881	Soil — 2d and 3d rate.

Subdivision T 30 N. R. 31 W.

Chains	
	North bet. Secs. 25 and 26 Va. 13° 20' E.
40.00	Deposited Charred Stake 12 ins in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins N and S. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. On N. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. faces
62.00	Leave Bluffs, enter valley bear E 3/4 W
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 23. 24, 25 and 26 dug pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist. and raised mound of earth 2 ft. high 4 1/2 ft. base over it On S E. pit drove a stake 2 ins. Square 2 ft. long 12 ins. in the ground Marked T 30 N. S 24 on N E R. 31 W. S 25 on S E. S 26 on S W. and S 23 on N W faces with —

Subdivision T 30 N. R 31 W.

Chains	
	2 notches on S and 1 notch on E. sides
	Land. On valley level bal = ance broken.
	Soil = On valley 2d rate - in bluffs 3d rate.
	East on Rand on line bet. Secs. 24 and 25 — Va. 13° 50' E.
40.00	Set temporary 1/4 Sec. Cor.
80.00	Intersect east boundary of the township 50 lks. S. of Cor. to Secs. 19. 24. 25 and 30 a mound (described at Page 16)
	Thence Down S 89° 39' W. on a true line bet. Secs. 24 and 25 with Same va.
40.00	Deposited a charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. E and W. of Cor. 5 1/2 ft. dist.

Subdivision T 30 N. R. 31 W.

Chains.	
	and raised a mound of earth 1½ ft. high 3½ ft. base over it. On E. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ Sec. on W. face
80.00	The cor. to Secs. 23. 24. 25. and 26.
	Land - Rolling
	Soil - 2d rate
	August 18. 1881
	North bet. Secs. 23 and 24 Va. - 13° 20' E.
22.30	Foot of bluffs bear N 80 E. ascend.
40.00	Deposited Charred Stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18 X 18 X 12 ins. W and S of it. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. On N. pit drove a Stake

Subdivision T 30 N. R. 31 W.

Chains.	
	2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ S on W. face
80.00	Deposited a charred Stake 12 ins. in the ground for cor. to Secs 13. 14. 23 and 24 dug pits 18 X 18 X 12 ins. in each Sec. 5½ ft. dist. and raised mound of earth 2 ft. high 4½ ft. base over it. On SE. pit drove a Stake 2 ins. Square 2 ft. long 12 ins. in the ground marked T 30 N. S 13 on NE. R 31 W. S 24 on SE. S 23 on SW. and S 14 on NW. faces with 1 notch on East and 3 notches on S edges
	Land - On valley level - in bluffs broken.
	Soil - On valley 2d rate in bluffs 3d rate.

Subdivision T 30 N. R 31 W.

Chains.	
	East on Random line bet. Secs. 13 and 24. Va. 13° 56' E. In bluffs.
40.00	Set temporary ¼ Sec. Cor.
58.40	Bottom of bluffs bear S85 E.
80.00	Intersect east boundary of the township at 17 lks S. of Cor. to Secs. 13, 18, 19 and 24 a mound (described at Page 18).
	Thence Draw S 89° 53' W. on a true line bet. Secs. 13 and 24 with Same Va.
40.00	Deposited Charred Stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18 X 18 X 12 ins. E. and W. of Cor. 5½ ft dist. and raised a mound of earth 1½ ft. high 3½ ft base over it. On E. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the

Subdivision T 30 N. R. 31 W.

Chains	
	ground marked ¼ S. on N. face
80.00	The Cor. to Secs. 13, 14, 23 and 24 Land. In bluffs rolling and broken. Soil. 3d rate.
	North bet. Secs. 13 and 14 Va. 13° 00' E.
10.00	Foot of bluffs bear S 83° E. enter rolling bottom land.
40.00	Deposited Charred Stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18 X 18 X 12 ins N. and S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. On N. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ S on W. face
68.20	Boardmans Creek 20 lks

Subdivision T 30 N. R 31 W.

Chains	
	wide flows E.
69.50	Foot of bluffs bear E. Com=
	=mence ascending.
80.00	Deposited Charred Stake
	12 ins. in the ground for
	Cr. to Secs 11, 12, 13 and 14
	dug pits 18 X 18 X 12 ins. in
	each Sec. 5½ ft. dist. and
	raised a mound of earth
	2 ft. high 4½ ft. base over
	it. Scribed E. pit drove a
	Stake 2 ins. Square 2 ft.
	long 12 ins. in the ground
	Marked
	T. 30 N. S 12 on N E.
	R. 31 W. S 13 on S E.
	S 14 on S W. and
	S 11 on N W. faces with 1
	notch on E and 4 notches on S.
	edges
	Land. In bottom rolling in bluffs
	hilly.
	Soil. In bottom 2d rate. Bluffs 3d rate

Subdivision T 30 N. R. 31 W.

Chains	
	East on Random line bet. Secs
	12 and 13.
	Va. 14 L. 00'
40.00	Set temporary ¼ Sec. Cor.
80.20	Intersect E. boundary of the
	township 58 lks. S. of Cor. to
	Secs. 7, 12, 13 and 18 a mound
	(described at Page 20)
	Thence N. run
	S 89° 35' W. on a true line
	bet. Secs. 12 and 13. with
	the Same va.
40.10	Deposited Charred Stake 12 ins.
	in the ground for ¼ Sec. Cor. dug pits
	18 X 18 X 12 ins. E. and W. of Cor. 5½ ft.
	dist and raised a mound of earth
	1½ ft. high 3½ ft. base over it
	Scribed E. pit drove stake 2 ins Square
	2 ft. long 12 ins. in the ground
	Marked ¼ S. on N. face
80.20	The Cor. to Secs. 11, 12, 13, and 14
	Land. Hilly and broken
	Soil. 3d rate.

Subdivision T 30 N. R. 31 W.

Chains	
	North bet. Secs. 11 and 12, Va. 13° 15' E,
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins. N. and S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. Drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground in N. pit marked 1/4 S. on W. face.
61.50	Leave bluffs bearing E. and W. and enter rolling prairie
70.00	Road up Snake Creek valley bears E and W.
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 1, 2, 11 and 12 dug pits 18X18X12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it.

Subdivision T 30 N. R. 31 W.

Chains	
	On S E. pit drove a Stake 2 ins. Square 2 ft. long 12 ins. in the ground marked T 30 N. S 1 on N E. R 31 W. S 12 on S E. S 11 on S W. and S 2 on N W. faces with 1 notch on E. and 5 notches on S edges
	Land - On bluffs hilly balance rolling
	Soil - On rolling ground 2d rate - on bluffs 3d rate.
	East on Range line bet. Secs. 1 and 12, Va. 14° 15' E.
36.00	Road up Snake Creek valley bears N 80° E.
40.00	Set Temporary 1/4 Sec. Cor.
47.50	Road up Snake Creek valley bears N 80° E.
49.50	Boardman's Creek 20 lks.

Subdivision T 30 N. R 31 W.

Chains	
	wide flows North.
52.70	Foot of Slope on E. Side of Creek bears N. and S. ascend – a ledge of Soft Sandstone about 8 ft. thick Crops out about 40 ft. above foot of slope
74.20	Edge of ravine about 150 ft. wide and 40 ft. deep. Containing Scattering Cedar Course N.
80.36	Intersect E. boundary of the township 46 lks. N. of Cor. to Secs 1. 6. 7 and 12 a mound (described at Page 22)
	Thence I run.
	N 89° 40' W. on a true line bet. Secs. 1 and 12 with the Same va.
40.18	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins.

Subdivision T 30 N. R. 31 W.

Chains.	
	E and W. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 base over it. On E. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.36	The Cor. to Secs. 1. 2. 11. and 12
	Land. Rolling and broken Soil. 2d rate.
	August 19. 1881.

Believing it would be to the advantage of all Concerned I this day Substitute Elmer E. Lent for Chainman instead of George W. Dawson and said Dawson as flagman instead of said Lent.

Subdivision T 30 N. R. 31 W.

Chains	
	North on Random line bet Secs. 1 and 2, Va. 13° 25'
13.20	Snake Creek 100 lks. wide flows N 45° E. Through underbrush and timber composed of cedar and Hackberry.
19.25	Snake Creek 125 lks wide flows N 30° W Through plum and willow brush
31.00	Snake Creek 70 lks. wide flows N 80° E. Commence descent of Steep bluff about 250 ft. high
40.00	Top of bluff. Set. Temporary 1/4 Sec. Cor.
72.43	Intersect N. boundary of township 65 lks. W. of cor. to Secs. 1, 2, 35 and 36. a mound (described at page 42)

Subdivision T 30 N. R. 31 W.

Chains	
	Thence Dran S 0° 28' W. on a true line bet. Secs. 1 and 2 with Same Va.
32.43	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. N. and S. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it Set N. pit dres Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
72.43	The cor. to Secs. 1. 2. 11 and 12 Land South of Snake Creek rolling - North of it hilly and broken. Soils 1st 2nd and 4th rate 6.05 lks. Timber - Cedar and Hackberry. August 28th 1881

Subdivision T 30 N. R. 31 W.

Chains	
	From the Cor. to Secs. 2, 3, 34 and 35 a mound (described at pages 29 and 30) on South Boundary of township I run North bet. Secs. 34 and 35 - Va. 13° 30' E., In bluffs
31.80	Foot of bluffs bear S. 80° E. enter valley
37.30	Leave valley and enter bluffs
40.00	On E. slope of bluffs. Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor., dug pits 18 X 18 X 12 ins. N. and S. of Cor. 5 1/2 ft. dist. and raise mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
59.50	Top of bluffs about 80 ft. high alkali Lake about 3 acres in it bears

Subdivision T 30 N. R. 31 W.

Chains.	
	N 70° E. (See E. randum for bearing to same lake)
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 26, 27, 34 and 35, dug pits 18 X 18 X 12 ins. in each Sec. 5 1/2 ft. dist. and raised mound of earth 2 ft. high 4 1/2 ft. base over it. In SE. pit drove a Stake 2 ins. Square 2 ft. long 12 ins. in the ground marked T 30 N. S. 26 on NE., R. 31 W. S. 35 on SE., S 34 on SW. and S. 27 on SW. faces with 2 notches on E. and 1 notch on S. edges Land - Rolling and broken Soil - 3rd rate.

Subdivision T 30 N. Ro. 31 W.

Chains	
	East on Random line on Secs. 26 and 35. Va. 14°. 00' E.
2.50	Foot of bluffs, enter valley
28.00	From this point alkali Lake noted on W. line of Sec. 26. 6 ears South.
40.00	Set temporary 1/4 Sec. Cor.
46.00	Leave valley enter bluffs bearing N E. and S W.
80.22	Intersect N. and S. line 22 lks. N. of Cor. to Secs, 25. 26. 35 and 36. Thence I run N. 89°. 57' W. on a true line bet. Secs. 26 and 35 with Same va,
40.11	Deposited a Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. and pits E and W. of Cor. 5 1/2 ft. dist and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In E. pit drove a stake 2 ft. long

Subdivision T 30 N. Ro. 31 W.

Chains	
	2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.22	The Cor. to Secs. 26. 27. 34 and 35. Land. In valley level in bluffs hilly. Soil – In valley 2d. rate, in bluffs 3d rate. August 18th 1881
	North bet. Secs. 26 and 27 Va. 13°. 20' E. On slope of said bluffs.
17.00	Top of bluffs
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. and pits 18 x 18 x 12 ins. N. and S. of Cor. 5 1/2 ft. dist, and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In N. pit drove a stake 2 ft. long 2 ins Square 12 ins

Subdivision T 30 N. R 31 W.

Chains	
	in the ground 1/4 S. on W face
47.00	Foot of bluffs - dry valley bears E,
61.00	Wagon trail bears N 70° E.
72.00	Leave valley enter low Sand hills bear S 70° E,
80.00	Deposited charred Stake 12 ins. in the ground for Cr. to Secs. 22, 23. 26 and 27 dug pits 18X18X12 ins. in each Sec. 5 1/2 ft. dist and raised a mound of earth 2 ft. high 4 1/2 ft. base over it. In SE. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked. T 30 N. S 23 on NE. R 31 W. S 26 on SE. S 27 on SW. and S 22 on NW. faces with 2 notches on S and E. edges
	Land. In valley level, in bluffs broken
	Soil. In valley 2d rate, in bluffs 3d rate

Subdivision T 30 N. R. 31 W.

Chains	
	East on Random line bet. Secs. 23 and 26 Va. 13° 56' E, In low Sand hills
40.00	Set temporary 1/4 Sec. Cr.
49.20	Foot of bluffs. bear N 80° E.
80.32	In Crosses N and S. line at Cr. to Secs. 23. 24. 25 and 26. Thence North on a true line bet. Secs 23 and 26 with Same va,
40.16	Deposited a charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins. E and W. of Cor. 5 1/2 ft. dist and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In E. pit drove Stake 2 ft. long 2 ins. Square 12 ins in the ground marked 1/4 S. on N. face
80.32	The Cor. to Secs. 22. 23. 26 and 27
August 19 1881	Land - Hilly
	Soil - 3d rate

Subdivision T 30 N. R. 31 W.

Chains	
	North bet. Secs. 22 and 23. Va. 13° 20' E.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. N. and S. of Cor. 5 1/2 ft. dist. and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. Dw N. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 14. 15. 22 and 23. dug pits 18 X 18 X 12 ins. in each Sec. 5 1/2 ft. dist and raised mound of earth 2 ft. high 4 1/2 ft. base over it. Dw S E. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 30 N. S 14 on NE. R 31 W. S 23 on SE. S 22 on SW. and S 15 on NW. for Secs. with 2 notches on E. and 3 notches

Subdivision T 30 N. R. 31 W.

Chains.	
	on Sedges X Stop Land. Broken Soil. 3d rate
	East on a Random line bet. Secs. 14 and 23. Va. 13° 56' E.
40.00	Set temporary 1/4 Sec. Cor.
80.26	Intersect Trail S. line 18 lks N. of Cor. to Secs. 13. 14. 23 and 24. Thence Run N 89° 52 W on a true line bet. Secs. 14 and 23 with Same Va.
40.13	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. E. and W. of Cor. 5 1/2 ft. dist. and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. Dw E. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. side
80.26	The Cor. to Secs. 14. 15. 22 and 23 Land. Hilly. Soil 3d rate

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Subdivision T 30 N. R. 31 W.

Chains	
	North bet. Secs. 14 and 15. Va 13° 20' E.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. N. and S of Cor. 5½ ft. dist and raised a mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
55.50	Foot of bluffs bearing N W. enter rolling prairie
75.90	Boardman's Creek (a dry Channel here) 25 lks wide Course E.
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 10, 11, 14 and 15 dug pits 18 X 18 X 12 ins. in each Sec. 5½ ft. dist and raised mound of earth 2 ft. high 4½ ft. base over it. In S.E. pit drove a

Subdivision T 30 N. R. 31 W.

Chains.	
	Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 30 N. S. 11 on N E. R 31 W. S. 14 on S E. S 15 on S W. and S 10 on N W. faces with 2 notches on E and 4 notches on S. edges Sand. In bluffs hilly balance rolling - Soil - In bluffs 3d rate, balance 2d rate.
	East on a Random line bet. Secs. 11. and 14 Va. 14° 00' E.
3.60	Leave rolling ground and enter bluffs.
40.00	Set temporary 1/4 Sec. Cor.
79.96	Intersect N. and S. line 36 lks. N. of Cor. to Secs. 11, 12, 13 and 14. Thence I run N 89° 45' W. on a true line bet. Secs. 11 and 14 with Same

Subdivision T 30 N. R. 31 W.

Chains	2a.
39.98	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins E. and W. of Cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. In E. pit drove a Stake 2 ft. long 2 ins Square 12 ins. in the ground marked 1/4 S. on N. face
79.96	The Cor. to Secs 10, 11, 14 and 15 Land. 3.60 chs. rolling balance hilly and broken. Soil. 3d rate

Subdivision T 30 N. R. 31 W.

Chains	North bet Secs. 10 and 11 2a. 13° 30' E.
1.20	Foot of bluffs bear N 80° E. ascend
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins N. and S. of Cor. 5½ ft. dist. and raise mound of earth 1½ ft. high 3½ ft. base over it In N. pit drove stake 2 ft. long 2 ins. Square 1½ ins. in the ground marked 1/4 S. on N. face
56.50	Foot of bluffs bear N 85° E. enter rolling ground.
66.20	Road along Snake Creek valley bears E. as the Cor. to Secs. 2, 3, 10 and 11 will come in Snake Creek, at a point 34 lks back from edge of water on Rig' bank of Snake Creek a

Subdivision T 30 N. R. 3 W.

Chains	
77.49	Deposited charred stake 12 ins. in the ground for Witness Cr. to Secs 2, 3, 10 and 11 dug pits 18 x 18 x 12 ins. NE. SE. SW. and NW. of cor. 5½ ft. dist and raised mound of earth 2 ft. high 4½ ft. base over it.
	On SE. pit drove stake 2 ft. long 2 ins. square 12 ins in the ground marked T 30 N. S. 2 W.C. on NE, R 3 W. S. 11 on SE, S 10 on SW. and S 3 on NW. faces with 2 notches on E and 5 notches on S. edges
77.70	Right bank Snake Creek 4.30 chs. wide flows S 45° E.
80.00	Set stake in Creek for temporary purposes
	Land. On bluffs hilly, balance rolling
	Soil. On bluffs 3rd rate, balance 2nd rate

Subdivision T 30 N. R. 3 W.

Chains.	
	East on a random line bet. Secs. 2 and 11. Va. 14° 00' E.
	From temporary Cor. in Snake Creek.
2.24	Left bank Snake Creek
4.50	Leave bottom and cross bluffs bearing N 70 and S 6.
35.00	Foot of bluffs bearing NE, and SW. enter Snake Creek bottom
36.88	Left bank Snake Creek 176 lks. wide flows N E.
40.00	Set temporary 1/4 Sec. Cor.
	From this point Watts Ranch bears S 10° W about 10 chs. dist.
80.10	Intersect N. and S. line 12 lks. S. of Cor. to Secs 1, 2, 11, and 12. Thence I run S 89° 55' W on a true line bet. Secs. 2 and 11 with Same Va.

Subdivision T 30 N. R. 31 W.

Chains	
40.05	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cr. dug pits 18 X 18 X 12 ins. E. and W. of cr. 5 1/2 ft. dist and raise mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. On E. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
80.10	The temporary Cr. of Secs. 2. 3. 10 and 11 Land - Rolling with no bottom land of any consequence Soil. 2d rate
	August 23d 1881

Subdivision T 30 N. R 31 W.

Chains.	
	North on a random line bet. Secs. 2 and 3 Va. 13° 15' E.
	From temporary Cr. in Snake Creek.
2.00	Left. bank Snake Creek Commence ascending Steep bluff about 300 ft. high
40.00	at temporary 1/4 Sec. Cr.
74.63	Intersect N. boundary of township 32 Rks W. of Cr. of Secs 2. 3. 34 and 35. a mound (described at page 43).
	Thence runs S. 0° 22' W. on a true line bet. Secs. 2 and 3 with Same Va.
34.63	Deposited a Charred Stake 12 ins. in the ground for 1/4 Sec. Cr. dug pits 18 X 18 X 12 ins. N and S. of Cr. 5 1/2 ft. dist. and raised mound

Subdivision T 30 N. R. 31 W.

Chains	
	of earth 1½ ft. high 3½ ft. base over it. On N. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ S. on W face
74.63	The temporary Cor. to Secs. 2. 3. 10 and 11.
	Land. Hilly and rocky Soil. 3d rate.
	August 26th 1881

Subdivision T 30 N. R. 31 W.

Chains	
	From the Cor. to Secs. 3. 4 33 and 34 on the S. boundary of the township which is a mound (described at pages 32 and 33)
	I run North bet. Secs. 33 and 34 Va. 13° 25'
17.80	Foot of bluff bears E. Commence ascending
40.00	Deposit Charred Stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18×18×12 ins. N. and S. of Cor. 5½ ft. dist and raise a mound of earth over it 1½ ft. high 3½ ft. base. On N. pit drove a Stake 2 ft. long 2 ins. Square 12 ins in the ground marked ¼ S. on W. face
80.00	Deposited Charred Stake

Subdivision T 30 N. R. 31 W.

Chains		Chains.
	12 ins. in the ground for Cor. to Secs. 27. 28. 33 and 34. dug pits 18X18X12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. On SE. pit drove a Stake 2 ft. long 2 ins Square 12 ins. in the ground marked T 30 N. S 27 in NE. R. 31 W. S. 34 in SE. S. 33 in SW. and S 28 in NW. with 3 notches on E. and 1 notch on S edges	
	Land - 17.80 chs. level balance broken.	
	Soil - 17.80 chs. 1st rate - balance 3d rate.	79.98

Subdivision T 30 N. R 31 W.

Chains.	
	East on random line bet. Secs. 27 and 34 Va. 13° 55' E.
40.00	Set temporary ¼ Sec. Cor.
79.98	Intersect N. and S. line 42 lks. N. of Cor. to Secs. 26, 27, 34 and 35. Thence I run N 89° 45' W. on a true line bet. Sec. 27 and 34 with same Va.
39.99.	Deposited Chas a Stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18 X 18 X 12 ins. E. and W. of Cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. On E. pit drove stake 2 ft. long 2 ins Square 12 ins. in the ground marked ¼ S. on N. face
	The Cor. to Secs. 27, 28. 33 and 34
	Land = Rolling
	Soil - 3d rate.
	August 20th 1881

Subdivision T 30 N. R. 31 W.

Chains	
	North bet. Secs. 27 and 28 Va. 13° 75' E.
11.00	Foot of bluffs bear E. enter valley
40.00	Deposited charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins. N. and S. of Cor. 6 1/2 ft. dist and raised mound of earth 1 1/2 ft high 3 1/2 ft. base over it. In N. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
48.00	Foot of bluffs bear N 70° E ascend
72.00	Top of bluff about 150 ft. high
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 21, 22, 27 and 28 dug pits 18X18X12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high

Subdivision T 30 N. R. 31 W.

Chains.	
	4 1/2 ft. base over it. In S E. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 30 N. S 22 on N E. R 31 W. S 27 on S E. S 28 on S W. and S 21 on N W faces, with 2 notches on S. and 3 notches on E. edges
	Land - In valley slightly rolling - in bluffs hilly Soil - In valley 1st rate - in bluffs 3d rate.
	East on a random line bet Secs. 22 and 27 Va, 13° 56' E.
29.00	Foot of bluffs bear N. enter valley
40.00	Set temporary 1/4 Sec. Cor.
58.50	Foot of bluffs bear N 50° W. ascend.

Subdivision T 30 N. R 31 W.

Chains.	
80.10	Intersect N. and S. line 6 lks. N. of cor. 6 Secs 22. 23. 26 and 27 Thence d run N 89° 57' W on a true line bet Secs. 22 and 27 with Same va.
40.05.	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. cor. dug pits 18 X 18 X 12 ins. E. and W. of cor. 5 1/2 ft. dist and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In E. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.10	The cor. to Secs. 21. 22. 27 and 28 Land - In valley Cedar in bluffs hilly Soil - In valley 1st rate - in bluffs 3d rate

August 23d 1881

Subdivision T 30 N. R. 31 W.

Chains.	
	Edward F. Beard present Chairman. having given out I this morning Swear John McGrossan as Chairman in=stead of said Board.
	North bet. Secs. 21 and 22 Va. 13° 25' E.
40.00	Deposited Charred Stake for 1/4 Sec. Cor. 12 ins. in the ground dug pits 18 X 18 X 12 ins. N and S of cor. 5 1/2 ft. dist and raise mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In N. pit drove a Stake 2 ft. long 2 ins. Square 12 ins in the ground marked 1/4 S on N. face
48.00	Foot of bluffs bear E. under valley
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 15. 16. 21 and 22. dug

Subdivision T 30 N. R. 31 W.

Chains	
	pits 18X18X12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. In SE. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked T30 N. S 15 on NE. R. 31 W. S 22 on SE. S 21 on SW. and S 16 on NW. faces with 3 notches on each of S and E. edges AFa
	Land. In valley level - in balance broken.
	Soil - In valley 2d rate - balance 3d rate

Subdivision T 30 N. R 31 W.

Chains.	
	East on a random line bet. Secs. 15 and 22 Va. 13° 5 6' E.
4.00	Foot of bluffs. bear S 45° E. enter valley
13.00	Leave valley - enter bluffs.
40.00	Set temporary 1/4 Sec. Cor.
80.36	Intersect N. and S. line 12 lks N. of Cor. to Secs 14. 15. 22 and 23. Thence Run N 89° 55' W on a true line bet. Secs. 15 and 22 with Same Va.
40.18	Deposited Chas a Stake 12 ins in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins. E and W of Cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft base over it. In E pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on W face
80.36	The Cor. to Secs. 15. 16. 21 and 22.

Subdivision T 30 N. R. 31 W.

Chains	
	Land – valley gently rolling – bluffs hilly and broken Soil. valley 2° rate – bluffs 3° rate –
	North bet. Secs. 15 and 16 Va. 13° 20' E.
26.70	Boardmans Creek 14 lks. wide course N 60° E. here a dry channel with occasional water holes.
29.00	Enter Steep bluffs bear NE leave valley.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. W. and S. of Cor. 5 1/2 ft. dist. and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In N. pit drove stake 2 ft. long 2 ins Square 12 ins. in the ground marked 1/4 S. on W. face

Subdivision T 30 N. R. 31 W.

Chains.	
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 9, 10, 15 and 16 dug pits 18 x 18 x 12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base over it. In S E. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 30 N. S 10 on N E. R 31 W. S. 15 on S E. S 16 on S W. and S 9 on N W. faces with 4 notches on S and 3 notches on E edges
	Land - In valley gently rolling - in bluffs hilly and broken.
	Soil. In valley 2° rate in bluffs 3° and 4th rate

Subdivision T 30 N. R. 31 W.

Chains.	
	East on a random line bet. Secs. 10 and 15 Va. 13° 56' E.
40.00	Set temporary 1/4 Sec. Cor.
56.50	Leave bluffs bearing N E.
58.24	Boardman's Creek 18 lks wide Course N 50 E. here a dry Channel
69.00	Boardman's Creek 20 lks wide Course S 20° E. a dry Channel
80.06	Intersect N. and S. line 32 lks S. of Cor. to Secs. 10, 11, 14 and 15. Thence Run S 89° 46' W. on a true line bet Secs. 10 and 15 with Same Va.
40.03	Deposited a Charred Stake for 1/4 Sec. Cor. 12 ins. in the ground dug pits 18 X 18 X 12 ins. E. and W. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. Iron E. pit drove

Subdivision T 30 N. R 31 W.

Chains.	
	a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.06	The Cor. to Secs. 9, 10, 15 and 16 Land. Badly broken Soil — 3d and 4th rate.

	North bet. Secs. 9 and 10 Va. 13° 30' E.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. N. and S. of Cor. 5 1/2 ft. dist. and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. Iron N. pit drove a Stake 2 ft. long, 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
60.00	Foot of bluffs bear E. under Snake Creek valley
70.62	Road up Snake Creek bears S 80° E.

Subdivision T 30 N. R. 31 W.

Chains.	
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 3. 4. 9 and 10 dug pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist, and raised mound of earth 2 ft. high 4 1/2 ft. base over it. On S E. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 30 N. S 3 on N E. R. 31 W. S. 10 on S E. S 9 on S W. and S 4 on N W. faces with 3 notches on E. and 5 notches on S. edges
	Land. On bluffs broken in bottom slightly rolling
	Soil – On valley 1st rate – in bluffs 3d rate

Subdivision T 30 N. R. 31 W.

Chains.	
	East on a random line bet. Secs. 3 and 10 Va. 14° 00' E.
	Ns. this line will in 4 or 5 chs. Strike Snake Creek and run in the Creek or very close to it the whole length. I offset S. from this Cor. 7 chs. to good ground thence East as above
40.00	offset N. back to line, at 4.84 chs. from offset line strike Right bank of Snake Creek and continuing N. 7 chs. Set temporary 1/4 Sec. Cor. in Snake Creek.
	Resuming offset line I intersect N and S. line 7.42 chs. S of temporary Cor. to Secs 2. 3. 10 and 11 at 80.08 chs. giving
80.08	Intersect N. and S. line 42

Subdivision T 30 N. R. 31 W.

Chains	
	lks. S. of cor. to Secs. 2. 3. 10 and 11. Thence I run S 89° 42' W. bet. Secs. 3 and 10 on a true line with Same va
40.04	This cor. coming in Snake Creek, at a point 257 lks. S. Deposited Charred Stake 12 ins in the ground on S. bank of Creek for Witness Cor. dug pits 18X18X12 ins. E. and W. of W. lo. 5½ ft. dist. and raised a mound of earth over it 1½ ft. high 3½ ft. base In E. pit drove a Stake 2 ft. long 2 ins Square 12 ins. in the ground marked ¼ S. W. C. on N. face
80.08	The cor. to Secs. 3. 4. 9 and 10 Land - Nearly Level Soil - 1st rate This line line runs nearly its whole length in Snake Creek August 24. 1881.

Subdivision T 30 N. R 31 W.

Chains.	
	North on a random line bet. Secs 3 and 4 Va. 13° 25'
3.90	Right bank Snake Creek 70 lks. wide flows East.
4.65	Commence steep ascent of Bluff about 250 ft. high
40.00	Set temporary ¼ Sec. Cor.
76.34	On East N. boundary of the township 36 lks. W. of Cor. to Secs. 3. 4. 33 and 34 a mound (described at pages 45 and 46). Thence I run
	S 0°. 15' W on a true line bet. Secs. 3 and 4 with Same va.
36.34	Deposited Charred Stake 12 ins in the ground for ¼ Sec. Cor. dug pits 18X18X12 ins. N. and S. of cor. 5½ ft. dist and raised mound of earth 1½ ft. high 3½ ft. base over it In N. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in

Subdivision T 30 N. R. 31 W.

Chains	
	the ground marked 1/4 S. on N. face
76.34	The Cor. to Secs. 3. 4. 9 and 10 Land. Snake valley rolling - bluffs hilly and broken Soil. Snake valley 1st rate - bluffs 3d rate. August 26th 1881

Subdivision T 30 N. R. 31 W.

Chains	
	From the Cor. to Secs 4. 5. 32 and 33. on S. boundary of the township which is a mound (described at page 35) From North bet. Secs. 32 and 33 Va. 13° 25' E,
	Through ground that is low and liable to be marshy in wet seasons.
10.30	Leave low ground bears E,
12.30	Edge of dry Slough Bears E.
14.00	Leave Slough bears E,
17.70	Slough bears N 30° E,
20.62	Boardmans Creek flows N. 40° E. 10 lks wide
24.20	Boardmans Creek runs N 30° W 1 ch. wide
32.25	Boardmans Creek N 30 E. 60 lks. wide
37.00	Boardmans Creek 60 lks wide bears W,
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec

Subdivision T 30 N. R. 31 W

Chains.	
	Cor. dug pits 18X18X12 ins. N. and S. of Cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove Stake 2 ft. long 2 ins. Square 12 ins in the ground marked ¼ S. on W. face.
50.80	Boardmans Creek 16 lks wide Course E.
60.40	Boardmans Creek 36 lks. wide Course NW.
62.00	Boardmans Creek 90 lks. wide Cmse NE.
65.50	Boardmans Creek 50 lks. wide Course NW.
71.00	Boardmans Creek 50 lks. wide comes in from SW. from this point runs NW.
72.20	Leave bottom and enter Bluffs Course NE.
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to

Subdivision T 30 N. R. 31 W

Chains.	
	Secs 28. 29. 32 and 33. dug pits 18X18X12 ins. in each Sec. 5½ ft. dist and raised mound of earth over it 2 ft. high 4½ ft. base. In SE. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 30 N. S. 28 on NE. R. 31 W. S 33. on SE. S 32 on SW. and S 29 on NW. faces. with 1 notch on S and 4 notches on E edges. Land - Level and rolling Soil - In valley 1st rate balance 2d rate.
	East on a random line bet. Secs. 28 and 33. Va. 13° 30' E.
40.00	Set temporary ¼ Sec. Cor.
79.80	In Exact Mans S. line 10 lks N. of Cor. to Secs 27. 28. 33 and

Subdivision T. 30 N. R. 31 W.

Chains.	
	34. Thence Down N. 89° 56' W. on a true line bet. Secs. 28 and 33. with Same Va.
39.90.	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. E. and W. of Cor. 5 1/2 ft. dist and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. Iron E. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
79.80	The Cor. to Secs. 28, 29, 32 and 33.
	Land - Rolling
	Soil - 2d rate
	August 22. 1881

Subdivision T. 30 N. R. 31 W.

Chains.	
	North bet. Secs. 28 and 29 Va. 13° 25' E.
40.00	Deposit Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. N. and S. of Cor. 5 1/2 ft. dist and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. Iron N. pit drove Stake 2 ft. long 2 ins. Square 12 ins in the ground marked 1/4 S. on W. face
43.00	Foot of bluffs bear N 60 W. outer valley
63.00	Leave valley enter bluffs bear W.
80.00	Deposited charred Stake 12 ins. in the ground for Cor. to Secs. 20, 21 28 and 29, dug pits 18 X 18 X 12 ins. in each Sec. 5 1/2 ft. dist and raised mound of earth 2 ft. high 4 1/2 ft. base over it. Iron S. E. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 30 N. S 21 on N E. R 31 W. S 28 on S E. S 29 on S W. and

Subdivision T 30 N. R. 31 W

Chains.	
	S 20 on W. W. faces with 2 notches on S and 4 notches on E edges respectively Land - Level in valley - bluffs hilly Soil - 2d rate in valley - bal = =ance 3d rate.
	East on random line bet. Secs. 21 and 28 Va. 13° 56'
40.00	Set temporary 1/4 Sec. Cor.
79.64	Intersect N. and S. line 6 lks. N. of Cor. to Secs 21, 22, 27 and 28. Thence S and N 89° 57' W. on a true line bet Secs. 21 and 28 with same Va.
39.82	Deposited Charred Stake 12 ins in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. E. and W. of Cor. 5 1/2 ft. dist and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it SW E. pit drove Stake 2 ft.

Subdivision T 30 N. R. 31 W.

Chains	
	long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
79.64	Due cor. to Secs. 20, 21, 28 and 29. Land - Hilly Soil. 3d rate August 24th 1881
	North bet. Secs. 20 and 21 Va. 13° 30' E.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. N. and S. of Cor. 5 1/2 ft. dist. and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. SW N. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face.
80.00	Deposited Charred Stake 12 ins in the ground for Cor. to Secs. 16 17, 20 and 21. dug pits 18 X 18 X 12 ins. in each Sec. 5 1/2 ft. dist and

Subdivision T 30 N. R. 3 1 W.

Chains	
	raised a mound of earth 2 ft. high 4½ ft. base over it. Dug SE. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 30 N. S. 16 on NE, R 31 W. S. 21 on SE. S 20 on SW. and S 17 on NW. faces. with 3 notches on S. and 4 notches on E. edges Land - Hilly and brosten Soil — 3d rate.
	East on a random line bet. Secs. 16 and 21 Va. 13° 56' E.
40.00	Set temporary ¼ Sec. Cor,
79.58	Intersect N. and S. line 34 lks. N. of Cor. to Secs. 15. 16. 21 and 22 Thence I ran N 89°. 45' W. on a true line bet. Secs. 16 and 21 with Same va.

Subdivision T 30 N. R. 3 1 W.

Chains.	
39.79.	Deposited Chas'd Stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18×18×12 ins. E. and W. of Cor. 5½ ft. dist and raised mound of earth 1½ ft. high 3½ ft. base over it. Dug E. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ S. on N. face
79.58	The Cor. to Secs. 16. 17. 20 and 21 Land - Hilly and brosten Soil - 3d rate.

August 25th 1881

R. B. Rutherford Sworn and qualified as Chainman instead of John McCrossan present Chainman disabled —

Subdivision T 30 N. R. 31 W.

Chains	
	North bet. Secs. 16 and 17 Va 13° 30' E.
31.00	Foot of bluffs bear S W. and S E. enter valley.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. N. and S. of cor. 5 1/2 ft. dist. and raise mound of earth 1 1/2 ft. high 3 1/2 ft. base over it In N. pit drove Stake 2 ft. Long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
57.76	Boardmans Creek 20 lks. wide Course E. here a dry channel
52.00	Foot of bluffs about 200 ft. high ascend.
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 8, 9. 16 and 17 dug pits 18 X 18 X 12 ins. in each sec. 5 1/2 ft. dist. and raised mound of earth 2 ft. high 4 1/2 ft. base over it. In S E pit drove Stake 2 ft. long

Subdivision T 30 N. R. 31 W.

Chains.	
	2 ins. Square 12 ins. in the ground marked T 30 N. S. 9. on N E. R. 31 W. S. 16 on S E. S 17 on S W. and S 8 on N W. faces. with 4 notches on S. and E. edges. Land - In Boardman valley rolling - bluffs hilly - Soil - valley 2d - bluffs 3d rate
	East on random line bet. Secs. 9 and 16 Va. 13° 56' E.
40.00	Set temporary 1/4 Sec. Cor.
80.18	Intersect N. and S. line 36 lks. N. of cor. to Secs. 9, 10, 15 and 16. Thence Draw N 89° 45' W. on a true line bet. Secs. 9 and 16 with Same Va.
40.09	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins E. and

Subdivision T 30 N. R. 31 W

Chains	
	W. of Cor. 5½ ft. dist and raised a mound of earth 1½ ft. high 3½ ft. base over it. Dug E. pit drove stake 2 ft. long 2 ins Square 12 ins in the ground marked ¼ S. on N. face
80.18	The Cor. to Secs. 8, 9, 16 and 17. Land. Hilly and rocky Soil – 3rd and 4th rate

North bet. Secs. 8 and 9
va. 13° 75' E.

40.00	Deposited Charred Stake for ¼ Sec. Cor 12 ins. in the ground dug pits 18 X 18 X 12 ins. N. and S of Cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. Dug N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ S. on N. face
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs 4,

Subdivision T 30 N. R 31 W.

Chains	
	5, 8 and 9. dug pits 18 X 18 X 12 ins. in each Sec. 5½ ft. dist and raised mound of earth 2 ft. high 4½ ft. base over it. Dug E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 30 N. S 4 on NE. R 31 W. S 9 on SE. S 8 on SW. and S 5 on NW. faces with 4 notches on E. and 5 notches on S edge Land. Hilly and rocky Soil – 3rd and 4th rate.

East on a random line bet Secs. 4 and 9
va. 13° 50' E.

12.00	Leave bluffs and enter Snake Creek valley bears S 85° E.
17.80	Road up Snake Creek valley Comes S. E. and N. W.

Subdivision T 30 N. R. 31 W

Chains.	
35.00	To avoid chaining in Snake Creek which this line will cross at least three times I offsett 7 chains South.
35.30	(on random line) set temporary W. C.
35.50	(on random line) Right bank Snake Creek - in about 10 chs. line will again strike right bank Snake Creek at 79 intersect N. and S. line 678 lks S. of cor. to Secs. 3, 4, 9 and 10 ~~at 79.50 chs.~~ Therefore making at
79.50	Intersect N. and S. line 22. lks. N. of Cor. to Secs. 3, 4, 9 and 10. Thence I run N. 89° 51 W. on a true line bet. Secs. 4 and 9 with same va,
39.75	as this point comes in Snake Creek I at
44.20	at a point 4.45 chs. west of 1/4 Sec. Cor. and 70 lks west from edge of water on right bank

Subdivision T 30 N. R. 31 W.

Chains	
	of Snake Creek, deposit charred stake 12 ins. in the ground for 1/4 Sec. witness Cor. dug pits 18 X 18 X 12 ins. E. and W. of W. Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In E. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. W. C. on N. face
79.50	The cor. to Secs. 4, 5, 8 and 9 Land. In bluffs hilly - in creek bottom nearly level - Soil - 2d rate. The creek is lined more or less with willow and plum brush

August 26th 1881

Subdivision T 30 N. R. 3 W.

Chains.	
	North on a random line bet. Secs. 4 and 5 Va 13° 35' E.
5.36	Foot of bluffs bear S 80° E. Snake Creek bottom
5.96	Road up Snake Creek valley bears E and W.
12.39	Right bank Snake Creek Course N 60° E. 587 lks wide
20.76	Foot of bluffs bear W. ascend
40.00.	~~of terrace~~ 1/4 Sec. Cor
76.96	Intersect N. boundary of the township at Cor. to Secs. 4. 5, 32 and 33. a mound (described at pages 47 and 48)
	Thence I ran South on a true line bet. Secs. 4 and 5 with same va,
36.96	Deposited a marked Stone 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins W. and S. of Cor. 5 1/2 ft. dist. and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. Sw Cr.

Subdivision T 30 N. R 3 W.

Chains.	
	pit dug on State 2 ft. long 2 ins Square 12 ins. in the ground marked 1/4 S. on W. face
76.96	The Cor. to Secs. 4. 5. 8 and 9 Land. On bluffs hilly - bottom rolling.
	Soil - On bluffs 2d rate - in bottom 1st rate.
	August 30th 1881

Subdivision T 30 N. R. 31 W.

Chains.	
	From the Cor. to Secs. 5. 6. 31 and 32 on the S. boundary of the township which is a mound (described at page 37) I run North bet. Secs. 31. and 32 Va. 13.° 30' E. On law ground
14.00	To avoid chaining through marsh which communicates here and edge of which bears N 85° E. - I set flag in line on opposite side. then offset from this point at right angles to line 2 chs. I find the angle made by offset line and line joining its extremity and point on line on opposite side of swamp is 61.° 50' giving by calculation the distance to point triangulated to 37.6 lks. I go across and find the distance back which gives

Subdivision T 30 N. R. 31 W.

Chains.	
6.54	Left and opposite bank of Boardmans creek course E. about 122 lks wide and bounded here on the South by mossy Swamp. - with scattered clumps of willow
17.76	Point triangulated to.
39.00	Leave bottom and enter bluffs. bearing E.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins N. and S of Cor. 5½ ft. dist and raised mound of earth 1½ ft. high 3½ ft. base over it. Dug N. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. side
80.00	Deposited Charred Stake 12 ins. in the ground for Cor to Secs. 29 30. 31 and 32 dug pits 18X18X12 ins. in each Sec 5½ ft. dist. and raised mound

Subdivision T 30 N. R. 31 W

Chains.	
	of earth 2 ft. high 4½ ft. base over it. On S.E. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 30 N. S. 29 on N.E. R. 31 W. S. 32 on S.E. S 31 on S.W. and S 30 on N.W. faces with 1 notch on S. and 5 notches on E. edge
	Land. On bottom level - in bluffs hilly
	Soil - 1st 2d and 3d rate
	East on random line bet. Secs. 29 and 32. Va 13° 50' E.
40.00	Set temporary ¼ Sec. Cor.
41.00	Enter valley bearing N. W. and S.E.
74.20	Boardman's Creek 16 lks. wide Course N.W.
86.29	Intersect N. and S. line 56 lks. S. of Cor. to Secs. 28. 29. 32 and 33

Subdivision T 30 N. R. 31 W.

ins.	
	Thence I ran S 89° 36' W. on a true line bet. Secs. 29 and 32 with Same va.
40.14	Deposited Chas'd Stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18 X 18 X 12 ins. E. and W. of Cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. On E. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ S. on N face.
80.29	The Cor. to Secs. 29. 30. 31 and 32 Land. In valley level - in bluffs hilly - Soil - In valley 1st rate - in bluffs 2 and 3d rate.
	West on random line bet. Secs. 30 and 31 Va. 13° 45'
40.00	Set temporary ¼ Sec. Cor.
86.70	Intersect N. boundary of town=

Subdivision T 30 N. R. 31 W.

Chains.	
	= Ship 46 lks. S. of Cor. to Secs. 25. 30. 31 and 36 a mound 2 ft. high 4½ ft. base with pits 18 X 18 X 12 in each Sec. 5½ ft. dist. but Stake missing
	Thence I run
	S 89° 40' E. on a true line bet Secs. 30 and 31 with same va.
46.70	Deposited Charred Stake 12 ins in the ground for ¼ Sec. Cor. dug pits 18 X 18 X 12. E. and W. of cor. 5½ ft. dist and raised a mound of earth 1½ ft. high 3½ ft. base over it. On E. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ S. on N. face
86.70	The Cor. to Secs. 29. 30. 31 and 32. Land - Hilly
	Soil 2nd rate
	August 22d 1881

Subdivision T 30 N. R. 31 W.

Chains.	
	North bet. Secs. 29 and 30. Va. 13° 25' E.
14.40	Foot of bluffs bears S 70° W. enter Boardmans Creek valley
45.00	Deposited Charred Stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18 X 18 X 12 ins. N. and S. of Cr. 5½ ft. dist, raised mound of earth 1½ ft. high 3½ ft. base over it. On N. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ S. on W. face
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 19. 20. 29 and 30, dug pits 18 X 18 X 12 ins in each Sec. 5½ ft. dist and raised mound of earth 2 ft. high 4½ ft. base over it. On S E. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 30 N. S. 20 on N E. R 31 W. S. 29 on S E. S. 30 on S W. and.

Subdivision T 30 N. R. 31 W.

Chains	
	S 19 m N W. faces, with 2 notches on S and 5 notches on E edges. Land. In bluffs rolling - in valley level -
	Soil - In valley 1st rate Sandy loam - in bluffs 2d and 3d rate.
	East on random line bet. Secs. 20 and 29 Va. 13° 56' E.
1.54	Boardmans Creek Course N. 20° W. water in pools.
40.00	Set temporary 1/4 Sec. Cor.
80.18	Intersect N. and S. line 22 lks. S. of Cor. to Secs. 20. 21. 28 and 29 Thence S run S 89. 51 W. on a true line bet. Secs. 20 and 29 with Same va.
40.09	Deposited Charred Stake 12 ins in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. E. and W. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high

Subdivision T 30 N. R. 31 W.

Chains.	
	3 1/2 ft. base over it. Inv E. pit dove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.18	The Cor. to Secs. 19. 20. 29 and 30. Land. - Hilly and broken Soil - 3d rate -
	West on random line bet. Secs. 19 and 30 Va. 13° 45' E.
	In narrow valley
0.60	Leave valley and timber bluffs bearing N W.
40.00	Set temporary 1/4 Sec. Cor.
86.70	Intersect W. boundary of township 62 lks. S. of Cor. to Secs. 19. 24. 25 and 30 a mound 2 ft. high 4 1/2 ft. base with pits in each Sec. 18 X 18 X 12 ins 5 1/2 ft. dist but no Stake Thence S run S. 89° 33' E. on a true line bet. Secs. 19 and 30 with Same va

Subdivision T. 30 N. R. 31 W.

Chains.	
46.70	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cr. dug pits 18X18X12 ins. E. and W. of Cr. 5 1/2 ft. dist and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
86.70	The Cr. to Secs. 19, 20, 29 and 30. Land - Hilly and broken Soil - 3d rate.
	North bet. Secs. 19 and 20 Va. 13° 30' E.
1.35	Bend of Boardmans Creek Comes in from S E. and leaves line in N E Course 40 lks wide formed of disconnected pools
3.50	Boardmans Creek 20 lks. wide Course N 30° W.
9.00	Boardmans Creek 20 lks. wide Course N E.
16.25	Boardmans Creek 15 lks.

Subdivision T 30 N. R. 31 W.

Chains.	
	wide Course N W.
18.30	Boardmans Creek 18 lks. wide Course N E.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cr. dug pits 18X18X12 ins N. and S. of Cr. 5 1/2 ft. dist and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
46.50	Bend of Boardmans Creek 16 lks. wide Comes from S E. and leaves line in a N E. Course
80.00	Deposited Charred Stake 12 ins. in the ground for Cr. to Secs. 17, 18, 19 and 20. dug pits 18X18X12 ins. in each Sec. 5 1/2 ft. dist and raised mound of earth 2 ft. high 4 1/2 ft. base over it. In S E. pit drove Stake 2

Subdivision T 30 N. R. 31 W.

Chains.	
	ft. long 2 ins. Square 12 ins. in the ground. marked T 30 N. S. 17 on 1/4 E, R. 31 W. S. 20 on S E, S. 19 on S W. and S 18 on N W. faces with 3 notches on S and 5 notches on E. edge.
	Land - Level.
	Soil - 2d rate
80.14	East on a random line bet. Secs. 17 and 20 Va. 13°. 56' E.
16.90	Boar dmans Creek 70 lks. wide Course N E.
31.50	Foot of bluffs bear North. ascend
40.00	Set temporary 1/4 Sec. Cor.
80.14	Intersect N. and S. line 30 lks. S. of Cor. to Secs. 16. 17. 20 and 21 Thence I run S 89°. 47' W. on a true line bet Secs. 17 and 20 with same va.

Subdivision T 30 N. R. 31 W.

Chains.	
40.07	Deposited Chas. a Stake 12 ins. in the ground per 1/4 Sec. Cor. dug pit 18 x 18 x 12 ins. E. and W. of Cor. 5 1/2 ft. dist and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In E. pit drove a stake 2 ft. long 2 ins Square 12 ins. in the ground marked 1/4 S. on N. face
	The Cor. to Secs. 17. 18. 19 and 20
	Land. In valley level - in bluffs hilly -
	Soil. - In valley 2d rate - in bluffs 3d rate -
	West on random line bet. secs. 18 and 19 Va 13°. 35' E.
40.00	Set. temporary 1/4 Sec. Cor.
41.00	Leave valley and enter bluffs bear N W.
86.78	Intersect W. boundary of the township 3 4 lks. S. of Cor. to

Sourbdivision T 30 N. R. 3 W.

Chains	
	Secs. 13, 18, 19 and 24
	Thence I ran
	S 89° 45' E. on a true line bet.
	Secs. 18 and 19 with Same va.
46.78	Deposited Charred Stake 12
	ins. in the ground for 1/4 Sec. Cor.
	dug pits 18X18X12 ins. E. and W.
	of Cor. 5 1/2 ft. dist and raised a
	mound of earth 1 1/2 ft. high
	3 1/2 ft. base over it - In E. pit
	drove Stake 2 ft. long 2 ins.
	Square 12 ins. in the ground
	marked 1/4 S. on N. face
86.78	The Cor. to Secs 17, 18, 19 and 20
	Land. In valley level - in
	bluffs rolling
	Soil - In valley 2d rate -
	in bluffs 2d and 3d rate
	August 25th, 1881

Subdivision T 30 N. R. 3 W.

Chains.	
	North bet. Secs. 17 and 18
	Va. 13° 30' E
	In Boardmans Creek valley
40.00	Deposited Charred Stake 12
	ins. in the ground for 1/4 Sec.
	Cor. dug pits 18X18X12 ins. N.
	and S. of Cor. 5 1/2 ft. dist. and
	raised mound of earth 1 1/2 ft.
	high and 3 1/2 ft. base over it.
	In N. pit drove Stake 2 ft.
	long 2 ins. Square 12 ins. in
	the ground marked 1/4 S. on
	N. face
57.50	Enter low bluffs bear S 85° E.
80.00	Deposited Charred Stake 12
	ins. in the ground for Cor. to
	Secs. 7, 8, 17 and 18. dug pits 18
	X18X12 ins. in each Sec. 5 1/2 ft
	dist. and raised a mound of
	earth 2 ft. high 4 1/2 ft. base
	over it. In SE. pit drove a
	Stake 2 ft. long 2 ins. Square
	12 ins. in the ground marked
	1/4 Marked

Subdivision T 30 N. R. 31 W.

Chains	
	T 30 N. S 8 on N E. R. 31 W. S 17 on S E. S 18 on S W. and S 7 on N W. faces with 5 notches on E. and 4 notches on S edge. Land - In valley level - in bluffs rolling and hilly Soil - 2d rate.
	East on a random line bet Secs. 8 and 17 Va. 13° 55' E.
40.00	Set temporary 1/4 Sec. Cor.
80.44	Intersect N bank S. line at Cor. Secs. 8, 9, 16 and 17. Thence Down West. on a true line bet. Secs 8 and 17 with Same Va.
40.22	Deposited Chas a Stake 12 ins. in the ground for 1/4 Sec. Cor. and pits 18 X 18 X 12 ins. E. and W. of Cor. 5 1/2 ft. dist and

Subdivision T 30 N. R. 31 W.

Chains	
	raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. On E. pit drove Stake 2 ft. long 2 ins Square 12 ins. in the ground marked 1/4 S. on N. face.
80.44	The Cor. to Secs. 7, 8, 17 and 18 Land - Rolling and hilly Soil - 2d and 3d rate
	West on random line bet. Secs. 7 and 18. Va. 13° 30' E,
40.00.	Set temporary 1/4 Sec. Cor.
89.10	On E. bank W. boundary of Town = = ship 16 Lks. N. of Cor. to Secs. 7, 12, 13, and 18 a mound 2 ft. high 4 1/2 ft. base with pits 18 X 18 X 12 ins. in each Sec. 5 1/2 ft. dist. and Stake missing Thence Down N. 89° 53' E. on a true line bet Secs. 7 and 18 with Same Va
49.10	Deposited Chas a Stake 12

Subdivision T30 N. R. 31 W.

Chains.	
	12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. E. and W. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 base over it. In E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
89.10	The Cor. to Secs. 7, 8, 17 and 18
	Land - Hilly
	Soil - 3d rate.
	August 27th 1881.

Subdivision T30 N. R. 31 W.

Chains.	
	North bet. Secs. 7 and 8 Va. 13° 25' E
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. N. and S. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. side
	Enter rolling land.
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs 5, 6, 7 and 8 dug pits 18 X 18 X 12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base over it. In SE. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T30 N. S 5 on NE. R31 W. S 8 on SE.

Subdivision T 30 N. R. 3 W.

Chains.	
	S 7 on S.W. and S 6 on N.W. faces. with 5 notches on each of S. and E. edges Land. S½ hilly N½ rolling Soil. 2d rate.

Subdivision T 30 N. R. 3 W.

Chains.	
	East on a random line bet. Secs. 5 and 8 Va. 13. 55. E.
40.00	Set temporary ¼ Sec. Cor.
80.16	Intersect N. and S. line 12 lks. N. of cor. to Secs. 4, 5, 8 and 9 Thence I run N 89° 55' W. on a true line bet. Secs 5 and 8 with same va.
40.08	Deposited Charred Stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18×18×12 ins. E. and W. of cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. On E. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ S. on. N. face
80.16	The cor. to Secs. 5, 6, 7 and 8, Land. Gently rolling. Soil - 1st. rate.

Subdivision T 30 N. Ro. 3 W.

Chains	
	West on random line. see page 144.
	North on a random line bet. Secs. 5 and 6. Va. 13° 25' E.
14.00	Enter low ground in Snake Creek valley
18.36	Right bank Snake Creek 188 lks. wide flows S 80° E.
20.24	Leave river and ascend bluff about 80 ft. high
40.00	Pet temporary 1/4 Sec. Cor.
78.36	Intersect N. boundary of Township 20 lks. E. of Cor. to Secs. 5, 6, 31 and 32. a mound (described on pages 49 and 60.)
	Thence N.
	S 0° 9' E. on a true line bet. Secs. 5 and 6 with same va.
38.36	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. N. and S. of Cor 5 1/2 ft. dist. and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it.

Subdivision T 30 N. Ro. 3 W.

Chains.	
	On N. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
78.36	To Cor. to Secs. 5, 6, 7, and 8.

Subdivision T 30 N. R. 3 W.

Chains	
	West on a random line bet. Secs. 6 and 7 Va. 13° 30' E.
33.78	Right bank of Snake Creek 19½ lks. wide flows North
40.40	Set temporary ¼ Sec. Cor.
89.28	Intersect W. boundary of the township 77 lks. N. of Cor. to Secs. 1. 6. 7 and 12 a mound 1 foot high 4 ft. base with pits 18×18 partially filled up in each Sec. 5½ ft. dist and Stake or post missing
	Thence I run
	N 89° 27' E. on a true line bet. Secs. 6 and 7 with Same Va.
49.28	Deposited charred Stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18×18×12 ins. E and W. of Cor. 5½ ft dist and raised a mound of earth 1½ ft. high 3½ ft. base over it. Inv E. pit

Subdivision T 30 N. R 3 W.

Chains	
	drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ S. on N. face
	Land – Rolling
	Soil 2d rate
89.28	To cor. to Secs 5. 6. 7 and 8. August 30th 1881.

Subdivisions T30 N. R3 W

Observations on Star Polaris

Observed Va. of compass needle on lines established by observations of Eastern Elongations of Star Polaris. The dates of evening of observation are given - the Va. noted the ensuing morning.

August 13th 1881

Va. at observation Line	12°.05' E
Azimuth	1°.49'
	13°.54' E

August 17th 1881

Va. on observation Line	12°.08' E
Azimuth	1°.49'
	13°.57' E

August 25th 1881

Va on observation Line	12°.10' E
Azimuth	1°.49'
	13°.59' E

Subdivisions T30 N. R. 3 W.

General Description

This township comprises ranges of Sand hills from about 100 ft. to 400 ft. high with valleys of from two or three chains to a half mile in width intervening of arable sandy loams of more or less fertility, and is covered with a good growth of grass from a rank growth of blue joint in some of the valleys through buffalo & varieties of bunch grass as you reach higher ground. Timber is only found in the Northeastern portion of the township comprising small clumps of cedar with some Hackberry and Pine, with an occasional cedar on the bluffs near and along the northern boundary - Boardman's Creek after entering the township in the SW. Courses are undefinable.

-course through the marsh a-
-bout two miles and then can only be
traced by a sandy channel
with water holes few and far
between until sec. 14 where
it emerges in a clear stream bor-
-dered by numerous strong springs -
Snake creek enters the the
western part of the township
near the cor. to secs. 1, 6, 7, and 12
and pursues a nearly due east
course clear through the town-
-ship over a sandy channel
with numerous quicksands
and occasionaly rocky as
you descend toward the east
A soft sandstone - probably
nearer a limestone than
sandstone - is found on
and near the line bet,
secs 1 and 12
Watts Ranch only oc-
-cupied during the summer

is the only settlement or im-
-provement and is located
in Sec. 11.

Thomas Graham
U. S. Deputy Surveyor.

A List of the Names of the individuals employed by Thomas Graham, U. S. Deputy Surveyor, to assist in running, measuring and marking the lines and corners described in the foregoing field notes of the survey of the Subdivision and Re-Survey of Exterior lines of Township No 30 North of Range No 31 West of the Principal Base and Sixth Principal Meridian

in the State of Nebraska, showing the respective capacities in which they acted:

~~Chas~~ W. J Richardson	Compassman,
George W. Lawson	Chainman,
Edward F. Isard	Chainman,
Elmer E. Cox	Chainman,
John McGoogan	Chainman,
R. B. Ruthyford	Chainman,
George E. Richtmyer	Moundman,
John W. Merriam	Moundman,
Elmer E. Cox	Flagman,
George W. Lawson	Flagman.

We hereby certify that we assisted Thomas Graham United States Deputy Surveyor, in surveying all those parts or portions of the Subdivision lines and resurvey of exterior lines of Township No. 30 North of the Base Line of Range No 31 West of the Sixth Principal Meridian in the State of Nebraska, 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 U. S. Surveyor General for Nebraska and Iowa.

W. J Richardson	Compassman,
G W Lawson	Chainman,
Ed. F. Isard	Chainman,
R. B. Rutherford	Chainman,
Elmer E. Cox	Chainman,
John McGoogan	Moundman,
John W Merriam	Moundman,
Elmer E. Cox	Flagman,
G W Lawson	Flagman.

Subscribed in my presence and sworn to before me this 17th day of December 1881.

Daniel C. McKillip
Notary Public

I, Thomas Graham U. S. Deputy Surveyor, do solemnly swear that in pursuance of instructions received from Gen. S. Smith U. S. Surveyor General for Nebraska and Iowa, bearing date of the 14th day of June, 1881, I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the U. S. Surveyor General for Nebraska and Iowa, the Surveying Manual, and the Laws of the United States, surveyed all those parts or portions of the Subdivision Lines and Re-Survey of Exterior Lines of Township No. 30 North of the Base Line of Range No. 31 West of the 6th Principal Meridian in the State of Nebraska, as are represented in the foregoing field notes as having been surveyed by me and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Surveying Manual, printed instructions, the special written instructions of the United States Surveyor General for Nebraska and Iowa, and in the specific 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 8th, 1846.

Thomas Graham
U. S, Deputy Surveyor.

Subscribed in my presence and sworn to before me this 1st day of February, 1882.

Daniel C. McKillip
Notary Public

Surveyor Gen'l's. Office
Plattsmouth Neb.
March 20th 1882

The foregoing field notes of the Subdivision lines and Meanders of exterior lines of Tp. No 39 North. Range 21 East of the Principal base and Meridian in the State of Neb. Executed by Thomas Graham under his Contract No 119, dated June 14th 1881, in the month of Aug. 1881, have been critically examined, the necessary corrections and explanations made the said field notes and the survey they describe are hereby approved

Geo. A. Smith
Surv. Gen.

Field Notes

of the Survey of the

Exterior and Subdivision Lines

of

Township No. 31 North

of the Base Line of

Range No. 31 West

of the

Sixth Principal Meredian

of the

State of Nebraska

as surveyed by

Thomas Graham

U. S. Deputy Surveyor

under his contract

No. 119.

Dated June 14. 1881

Survey Commenced October 5, 1881

Survey Completed November 16, 1881

Names and duties of Assistants

W. T. Richardson Compassman
G. W. Lamson Chainman
R. B. Rutherford Chainman
Geo. E. Richtmyer Moundman
John W. Merriam Moundman
Elmer E. Cox Flagman
For Preleminary oaths See First Book – Survey of T30N. R31W.

Subdivisions commence at Page 23
Preleminary oaths Pages 1 to 11 inclusive survey of T30N. R31W.
General Description 92
Observations on Polaris 91
Final oaths of assistants 94
Final oath of Deputy Surveyor 95

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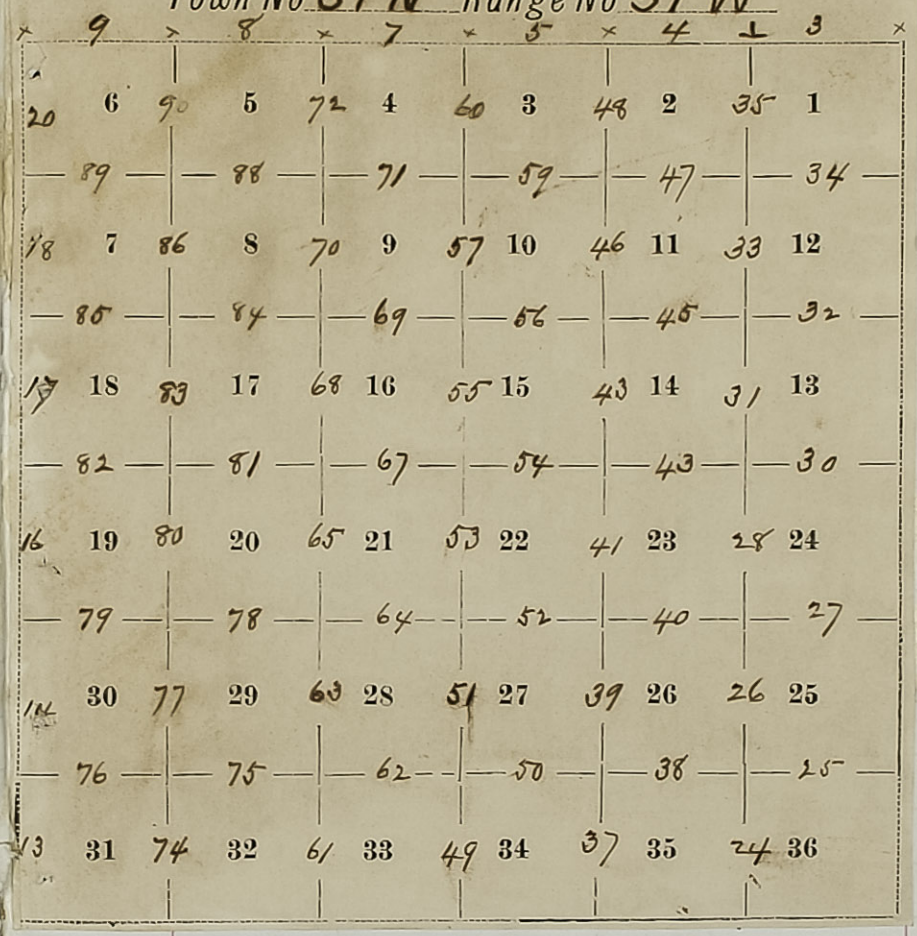
Town No 31 N Range No 31 W



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20	6	90	5	72	4	60	3	48	2	35	1
	89		88		71		59		47		34
18	7	86	8	70	9	57	10	46	11	33	12
	85		84		69		56		45		32
17	18	83	17	68	16	55	15	43	14	31	13
	82		81		67		54		43		30
16	19	80	20	65	21	53	22	41	23	28	24
	79		78		64		52		40		27
14	30	77	29	63	28	51	27	39	26	26	25
	76		75		62		50		38		25
13	31	74	32	61	33	49	34	37	35	24	36

Exterior T 31 N. R 31 W.

Resurvey of Exterior boundaries of T 31 N. R 31 W. of 6th Principal Meredian Nebraska:

On Subdividing this Township and running the northern line North between Secs 1 and 2 I was unable to find the Cor. to Secs. 1. 2. 35 and 36 on the North boundary of said Township I accordingly went to the North East Cor of said Township heretofore described and ran west on a blank line on the north boundary of Sec 1 Va 13° 40' E. at 40.00 Chs. I search diligently but find no Cor. and at 80.00 Chs. search diligently in all directions but am unable to find any cor. or any trace there of. I therefore continue my

Exterior T 31 N. R 31 W.

blank line west and search diligently but find no. Cor. until at 5 miles 66 chs. and 20 lks. I intersect the range line bet ranges 31 and 32 W. 2 chs. 48 lks N. of Cor. to Tps 31 and 32 N. Rs 31 and 32 W. a mound nearly worn down with pits N. S. E and W. of Cor. 24 x 18 ins 6 ft. distbut no post or similar mark

As Tps 31 and 32 N. R 31 W. have not been Subdivided, and consequently no Subdivision lines closed on either side of this north boundary I resurvey the Same as follows

From the Cor. to Tps. 31 and 32 N. Rs. 30 and 31 W. heretofore ~~by me described~~ I run S 89° 42' W on a true line bet. secs. 1 and 36 Va. 13° 40' E.

Exteriors T 31 N. R 31 W

Chains	
40.00	Deposited a charred stake 12 ins. in the ground for 1/4 sec. Cor. dug pits 18×18×12 ins. East W. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. On E. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.00	Deposited a charred stake 12 ins. in the ground for Cor. to Secs. 1, 2, 35 and 36. Dug pits 18×18×12 ins. in each Sec 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. On SE. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 32 N. S 36 on NE. R 31 W. S 1 on SE. T 31 N. S. 2 on SW. and S 35 on NW. faces. with

Exteriors T 31 N. R 31 W.

Chains	
	1 notch on E. and 5 notches on W edges. Land - Hilly Soil - 3d and 4th rate
	S 89° 42' W. on a true line bet. Secs. 2 and 35 Va. 13° 40' E.
40.00	Deposited a charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18×18×12 in E. and W. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. On E. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.00	Deposited Charred stake 12 ins. in the ground for Cor. to Secs. 1, 2, 35 and 36 dug pits 18×18×12 ins. in each Sec 5½ ft. dist. and raised a mound

Exteriors T 31 N. R 31 W.

Chains	
	of earth 2 ft. high 4½ ft. base over it. On S.E. pit drove a stake 2 ins. Square 2 ft. long 12 ins. in the ground marked T 32 N. S. 35 on N.E., R 31 W. S 2 on S.E. T 31 N. S 3 on S.W. and S 34 on N.W. faces. with 2 notches on E. and 4 notches on W. edges
	Land - Hilly
	Soil 2d and 3d rate
	S 89° 42' W. on a true line Ord. secs. 3 and 34,
	Va. 13° 40' E.
40.00	Deposited a charred stake 12 ins. in the ground for 1/4 Sec. Cr. dug pits 18 x 18 x 12 ins E. and W. of Cr. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. On

Exteriors T 31 N. R 31 W.

Chains.	
	E. pit drove a stake 2 ft. long. 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.00	Deposited a charred stake 12 ins. in the ground for Cor. to Secs. 3. 4. 33 and 34 dug pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. On S.E. pit drove a stake 2 ins. Square 2 ft. long 12 ins. in the ground marked T 32 N. S 34 on N.E. R 31 W. S. 3 on S.E. T 31 N. S 4 on S.W. and S 33 on N.W. faces with 3 notches on each of E. and W. edges
	Land - Rolling
	Soil - 2d and 3d rate

Exteriors T 31 N. R 3 W.

Chains	
	S 89° 42' W. on a true line bet. Secs. 4 and 33. Va. 13° 40' E.
40.00	Deposited a charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. E. and W. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. On E. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.00	Deposited a charred stake 12 ins. in the ground for Cor. to Secs. 4. 5. 32 and 33. dug pits 18 x 18 x 12 ins. in each Sec. 5½ ft. dist and raised a mound of earth 2 ft. high 4½ ft. base over it. On SE. pit drove a a stake 2 ins. Square 2 ft. long 12 ins. in the ground marked T 32 N. S 33 on NE.

Exteriors T 31 N. R 3 W.

Chains	
	R 3 W. S 4 on SE. T 31 N. S 5 on SW. and S 32 on NW. faces with 4 notches on E. and 2 notches on W. edges Land - Rolling Soil - 2° and 3° rate
	S 89° 42' W. on a true line bet. Secs. 5 and 32 Va. 13° 40' E.
40.00	Deposited charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. E. and W. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. On E. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.00	Deposited a charred stake

Exteriors T31N. R31W.

Chains	
	12 ins. in the ground for cor. to Secs. 5. 6. 31 and 32, dug pits 18×18×12 in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. On SE. bit drove stake 2 ins. Square 2 ft. long 12 ins. in the ground marked T32 N. S. 32 on NE. R31 W. S. 5 on SE. T31 N S 6 on S W. and S31 on N W. faces with 5 notches on E and 1 notch on W. edge
	Land - Rolling
	Soil - 2d and 3d rate
	S 89° 42' W. on a true line bet. Secs. 6 and 31.
	Var. 18° 40' E.
40.00	Deposited Charred stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18×18×12 ins E

Exteriors T31N. R31W.

Chains	
	and W. of cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it.
	On E. bit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ S. on N. face
66.20	The original cor. to Tps. 31 and 32 N. Ranges 31 and 32 W. a mound nearly destroyed with pits partially filled but no stake or similar mark.
	Rebuilt mound making it 2½ ft. high 5 ft. base and dug pits lengthwise on each line N. S. E and W of cor. 24×18×12 ins 6 ft. dist
	On S E. bit drove a stake 2 ins. Square 2 ft. long 12 ins. in the ground marked T32 N. S. 31 on N E. R31 W. S. 6 on S E.

Exterior T31N. R31W.

Chains

T31N. S. 1 on SW. and R32W. S. 36 on NW. faces with 6 notches on each edge
Land - Rolling
Soil - 2d and 3d rate.

Exterior T31N. R31W.

In running the random line West between Secs. 30 and 31 in this Township I was unable to find any trace of the Sec. Cor. to Secs. 25, 30, 31 and 36 on the west boundary of the Tp.

I therefore go to the SW. Cor. of the township heretofore by me described and from said Cor. run North on a blank line on the West boundary of Sec. 31

Var. 13° 17' E. at 40. chs. I search diligently but find no trace of any Cor. and at 60. Chains. make diligent search but am unable to find any Cor. I therefore continue my blank line due north and at 5 miles 66.50 chs I find the Cor. to Tps. 31 and 32N. Rs 31 and

Exterior T 31 N. R 31 W.

Chains	
	32 W. East 19.46 Chs. dist. there being no Cors. on the whole line ~~I establish a right line bet. the N & S W. Cors. of said township~~ & resurvey the same as follows:
	From the Cor. to Tps. 30 and 31 N. Rs. 31 and 32 W. hereto=fore by me described I run
	N 2° 23' E. on a true line bet. secs. 31 and 36
	Va. 13° 17' E.
40.00	Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cor, dug pits 18 x 18 x 12 ins. N. and S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4

Exterior T 31 N. R 31 W.

Chains	
	S. on W. face
80.00	Deposited Charred stake 12 ins. in the ground for Cor. to Secs. 25. 30. 31 and 36 dug pits 18 x 18 x 12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. In S.E. pit drove a stake 2 ins. Square 2 ft. long 12 ins. in the ground marked T 31 N. S. 30 on N.E. R 31 W. S. 31 on S.E. R 32 W. S. 36 on S.W. and S 25 on N.W. faces with 5 notches on N. and 1 notch on S. edge
	Land – Rolling
	Soil – 3d and 4th rate
	N. 2° 23' E. on a true line bet. Secs. 25 and 30
	Va. 13° 17' E.
40.00	Deposited Charred stake 12

Exteriors T31 N. R31 W.

Chains	
	ins. in the ground for 1/4 Sec. Cor. dug pits 18×18×12 ins. N. and S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. On N. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
80.00	Deposited Charred stake 12 ins. in the ground for Cor. to Secs. 19. 24. 25 and 30 dug pits 18×18×12 ins. in each Sec. 5½ ft. dist, and raised mound of earth 2 ft. high 4½ ft. base over it. On SE. pit drove stake 2 ins. Square 2 ft. long 12 ins. in the ground marked T31 N. S. 19 on NE. R31 W. S. 30 on SE. R32 W. S. 25 on SW. and S 24 on NW. faces with 4 notches on N. and 2 notches

Exteriors T31 N. R31 W.

Chains	
	on S. edges Land - Hilly Soil — 2d and 3d rate
	N. 2° 23' E. on a true line bet. Secs. 19 and 24 Va. 13° 17' E.
40.00	Deposited a Charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18×18×12 ins. N. and S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. On N. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
80.00	Deposited Charred stake 12 ins. in the ground for Cor. to Secs. 13, 18, 19 and 24 dug pits 18×18×12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high

Exteriors T 31 N. R 31 W.

Chains	
	4½ ft. base over it. Dug S.E. pit drove a stake 2 ins. Square 2 ft. long 12 ins. in the ground marked T 31 N. S. 18 on N.E. R 31 W. S. 19 on S.E. R 32 W. S. 24 on S.W. and S 13. on N.W. faces with 3 notches on each of S. and E. edges Land – Rolling Soil – 2d and 3d rate
	N 2°. 23' E. on a true line bet. secs. 13 and 18. Va. 13°. 17' E.
40.00	Deposited a Charred stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18 × 18 × 12 ins N. and S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. Dug N. pit drove a stake 2 ft. long 2 ins. Square

Exteriors T 31 N. R 31 W.

Chains	
	12 ins. in the ground marked ¼ S. on W. face
80.00	Deposited Charred stake 12 ins. in the ground for Cor. to Secs. 7. 12. 13 and 18. dug pits 18 × 18 × 12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. Dug S.E. pit drove a stake 2 ins. Square 2 ft. long 12 ins. in the ground marked T 31 N. S 7 on N.E. R 31 W. S 18 on S.E. R 32 W. S. 13 on S.W. and S 12 on N.W. faces with 4 notches on N. and 4 notches on S. edges Land – Hilly and rolling Soil – 2d and 3d rate
	N. 2°. 23' E. on a true line bet. Secs. 7 and 12. Va 13°. 17' E.

Exteriors T31N. R31W.

Chains	
40.00	Deposited Chained stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18×18×12 ins. N. and S. of Cor. 5½ ft. dist and raised a mound of earth 1½ ft. high 3½ ft. base over it. On N. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
80.00	Deposited a Chained stake 12 ins. in the ground for Cor. to Secs. 1. 6. 7 and 12. dug pits 18×18×12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. On SE. pit drove a stake 2 ins. Square 2 ft. long 12 ins. in the ground marked T31N. S. 6 on NE. R31W. S. 7 on SE. R32W. S. 12 on SW. and

Exteriors T31N. R.31W.

Chains	
	S1 on NW. faces with 1 notch on N. and 5 notches on S. edge. Land. Rolling Soil — 2d and 3d rate
	N. 2°. 23' E. on a true line Bet. Secs. 1 and 6 Va. 13°. 17' E.
40.00	Deposited a Chained stake 12 ins. in the ground for 1/4 Sec Cor. dug pits 18×18×12 ins. N. and S. of Cor. 5½ ft. dist and raised a mound of earth 1½ ft. high 3½ ft. base over it On N. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
66.50	The Cor. to Tps. 31 and 32 N. Rs. 31 and 32 W. described at Page 10. Land - Rolling

Exteriors T 31 N. R 31 W

Soil – 2d rate

Field Notes

of the Survey of the

Subdivision Lines

of

Township No 31 North

of the Base Line

of

Range No. 31 West

of the 6th Principal Meredian

in

Nebraska

as surveyed by

Thomas Graham

U.S. Deputy Surveyor

under his contract

No. 119

Dated June 14th 1881

Survey commenced October 5th 1881

Survey completed November 16th 1881

Names and duties of Assistants

G. W. Lamson	Chainman
R. B. Rutherford	Chainman
Geo. E. Richtmyer	Moundman
John W. Merriam	Moundman
Elmer E. Cox	Flagman

Preleminary oaths at pages 1 to 11 inclusive, Survey of T30N. of Range 31 W.

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General Description 92
Final oaths of assistants 94
Final oath of Deputy 95.

Subdivisions T31N. R31W.

Chains.

as I have already retraced the east and South boundary of this township I commence at once to subdivide at the cor. to Secs 1, 2, 35 and 36 on the South boundary described at page 42 survey of T30N. R31W.

Survey commenced October 5th 1881 with a W. & L. E. Gurley's Rail=road compass.

From the cor. to Secs 1, 2, 35 and 36 aforesaid

I run

North bet. Secs. 35 and 36

Va. 13°22' E.

40.00 Deposited Charred stake for 1/4 Sec.
40.00 Cor. dug pits 18×18×12 ins. N. and S. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face

80.00. Deposited Charred stake 12 ins.
80.00

Subdivisions T 31 N. R 31 W.

Chains.	
	in the ground for Cor. to Secs. 25. 26 35 and 36, dug pits 18×18×12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. Dsw S E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 31 N. S 25 on NE, R 31 W. S. 36 on SE, S 35 on SW. and S 26 on NW. faces with 1 notch on each of S. and E. edges
	Land. Hilly
	Soil. — 3d rate
	East on a random line bet. Secs. 25 and 36 Va 13.° 22' E.,
40.00	Set temporary ¼ Sec. Cor.
80.06	Intersect N. and S. line 7 8 lks N. of Cor. to Secs. 25, 30. 31 and 36 on E. boundary of township described at page 16 Survey of T 31 N. R 30 W.

Subdivisions T 31 N. R 31 W.

Chains	
	Thence I run. N 89.° 27' W. on a true line bet. Secs. 25 and 36 with same Va,
40.03	Deposited Charred stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18×18×12 ins. E. and W. of Cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. Dsw E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ S. on N. face
80.06	The Cor. to Secs. 25. 26. 35 and 36
	Land — Hilly
	Soil. — 3d rate.
	North bet. Secs. 25 and 26 Va. 13.° 22' E.
40.00	Deposited Charred stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18×18×12 ins. N. and S. of Cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. Dsw N. pit drove stake

Subdivisions T 31 N. R 3 W.

Chains	
	2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
80.00	Deposited Charred stake 12 ins. in the ground for Cor. to Secs. 23, 24. 25 and 26 dug pits 18X18X12 ins. in each Sec. 5½ ft. dist. and raised mound of earth over it 2 ft. high 4½ ft. base. On S E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 31 N. S. 24 on N E. R 3 W. S. 25 on S E S 26 on S W. and S 23 on N W. faces with notches on E. and 2 notches on S. edge Land. Hilly Soil - 2d and 3d rate.
	East on a random line bet. Secs. 24 and 25 Va 13° 05' E,
40.00	Set temporary 1/4 Sec. Cor.

Subdivisions T 31 N. R 3 W.

Chains	
80.40	Intersect East boundary of the township 4 Lks. N. of Cor. to Secs. 19. 24. 25 and 30 described at page 17 Survey of T 31 N. R 3 W. Thence I run N 89° 41' W. on a true line bet Secs 24 and 25 with same Va.
40.20	Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins. E. and W. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. On E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.40	The Cor. to Secs. 23. 24, 25 and 26 Land - Hilly Soil. - 3d rate
	North bet. Secs. 23 and 24 Va. 13° 00' E.
40.00	Deposited Charred stake 12 ins

Subdivisions T 31 N. R 31 W.

Chains	
	in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins. N. and S. of Cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. Scribed N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face.
80.00	Deposited Chas'd stake 12 ins. in the ground for Cor. to Secs 13. 14. 23 and 24. dug pits 18X18X12 ins. in each Sec. 5½ ft. dist. and raised mound of earth 2 ft. high 4½ ft. base over it. Scribed S E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 31 N. S. 13 on N E. R 31 W. S. 24 on S E. S 23 on S W. and S 14 on N W. faces with 1 notch on E. and 3 notches on S. edges

Subdivisions T 31 N. R 31 W.

Chains.	
	Land — Hilly and rolling Soil. — 3d and 4th rate. October 5th 1881.
	East on a random line bet. Secs. 13 and 24 Va. 13° 00' E,
40.00	Set temporary 1/4 Sec. Cor,
80.60	Intersect E. boundary of the township 18 lks. N. of Cor. to Secs. 13. 18. 19 and 24 described at page 19 Survey of T 31 N. R 30 W.
	Thence on N 89° 52' W. on a true line bet. Secs. 13 and 24 with same Va,
40.30	Deposited Chas'd ~~stake~~ 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins. E. and W. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. Scribed E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S.

Subdivisions T 31 N. R 31 W.

Chains	
	on N. face
80.60	Ore. cr. to Secs. 13. 14. 23 and 24
	Land — Hilly
	Soil. — 3d rate.
	October 6th 1881.
	Starts bet. Secs 13 and 14
	Va. 13° 00' E.
40.00	Deposited Chas'd stake 12 ins. in the ground for 1/4 Sec. Cr. dug pits 18x18x12 ins. Stand S. of cr 5½ ft. dist and raised mound of earth 1½ ft. high 3½ ft. base over it. Scr N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face.
80.00	Deposited Chas'd stake 12 ins. in the ground for cr. to Secs 11, 12, 13 and 14 dug pits 18x18x12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. Scr

Subdivisions T 31 N. R 31 W.

	S E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 31 N. S 12 on N E, R 31 W. S 13 on S E, S 14 on S W. and S 11 on N W. faces with 1 notch on E. and 4 notches on S. edge. Land. — Hilly and rolling Soil. — 3d and 4th rate.
	East on a random line bet. Secs. 12 and 13. Va. 13° 00' E.
40.00	to temporary 1/4 Sec. Cor.
39.86	Intersect E. boundary of the township 68 lks. N. of Cr. to Secs. 7, 12, 13 and 18 described at page 20 Survey of T 31 N. R 30 W. Thence N run
	N 89° 31' W. on a true line bet. Secs. 12 and 13 with Same Va
39.93	Deposited Chas'd Stake 12

Subdivisions T 31 N. R 3 1 W.

Chains	
	ins in the ground for 1/4 Sec. Cr. dug pits 18 X 18 X 12 ins. E and W. of Cr. 5 1/2 ft. dist. and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. Dw E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S, on N. face
79.86	The Cor. to Secs. 11, 12, 13 and 14 Land — Hilly and rolling Soil. — 3d rate.

North bet. Secs. 11 and 12
Va 13° 15' E.

40.00	Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. N. and S. of Cor. 5 1/2 ft. dist. and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. Dw N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face

Subdivisions T 31 N. R 3 1 W.

Chains.	
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 1, 2, 11 and 12 dug pits 18 X 18 X 12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base over it. Dw S E. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T. 31 N. S 1 on NE. R 3 1 W. S. 12 on SE. S 11 on SW. and S 2 on NW. faces with 1 notch on E. and 5 notches on S. edge Land — Hilly Soil — 3d rate.

East on a random line bet.
Secs. 1 and 12
Va. 12° 30' E.

40.00	set temporary 1/4 Sec. Cor.
79.48	Intersect the E. boundary of the township 16 lks. N. of Cor. to Secs. 1, 6, 7 and 12 described at

Subdivisions T 31 N. R. 31 W.

Chains	
	page 21 Survey of T 31 N. R 30 W.
	Thence Down
	N 89. 53' W. on a true line bet.
	Secs. 1 and 12 with same va.
39.74	Deposited Chained stake 12
	ins. in the ground for 1/4 Sec.
	Cor. dug pits 18 X 18 X 12 ins. E. and
	W. of Cor. 5 1/2 ft. dist and raised
	mound of earth 1 1/2 ft. high
	3 1/2 ft. base over it. Down E. pit
	down stake 2 ft. long 2 ins.
	Square 12 ins. in the ground
	marked 1/4 S. on N. face
79.48	The Cor. to Secs. 1, 2, 11 and 12
	Land - Rolling
	Soil. - 3d and 4th rate.
	October 7, 1881.

North on a random line
bet. Secs. 1 and 2
Va 13°, 15' E.

40.00	Set temporary 1/4 Sec. Cor
77.21	Intersect the north boundary
	of the Township 8 lks W. of

Subdivisions T 31 N. R 31 W.

Chains	
	Cor. to Secs. 1, 2, 35 and 36. de=
	=Scribed at page 3.
	Thence Down
	S. 0. 13 W. on a true line bet.
	Secs. 1 and 2 with same va,
37.21	Deposited Chained stake 12 ins.
	in the ground for 1/4 Sec. Cor. dug
	pits 18 X 18 X 12 ins. N and S. of Cor. 5 1/2
	ft. dist. and raised a mound of
	earth 1 1/2 ft. high 3 1/2 ft. base
	over it. Down N. pit down stake
	2 ft. long 2 ins. Square 12 ins. in
	the ground marked 1/4 S. on W.
	face
77.21	The Cor. to Secs. 1, 2, 11 and 12,
	Land - Hilly and rolling
	Soil = 2d to 4th rate.
	November 16, 1881.

Subdivisions T31N. R31W.

Chains	
	From the Cor. to Secs. 2. 3. 34 and 35 on the South boundary of the township described at page 43. Survey of T30N. R.31 W.
	I run
	North bet. secs 34 and 35
	va. 13°. 13' E.
40.00	Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18x18x12 ins. N. and S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
80.00	Deposited Charred stake 12 ins. in the ground for Cor. to Secs. 26. 27. 34 and 35 dug pits 18x18x12 ins in each Sec. 5½ ft. dist. and raised mound of earth 2 ft. high 4½ ft. base over it

Subdivisions T31N. R31W.

Chains.	
	In S.E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked.
	T31N. S. 26 on NE.
	R31W. S 35 on SE.
	S 34 on SW. and
	S 27 on NW. faces with 1 notch on S. and 2 notches on E. edge
	Land. Hilly
	Soil — 3d and 4th rate
	East on a random line bet. secs. 26 and 35
	va 13°. 00' E.
40.00	set temporary 1/4 Sec. cor.
79.44	Intersect N. and S. line 10 lks. N. of cor. to secs 25. 26. 35 and 36
	Thence I run
	N 89°. 56' W. on a true line bet. secs. 26 and 35
39.72	Deposited Charred stake

Subdivisions T31N. R31W.

Chains	
	12 ins. in the ground for 1/4 Sec Cor. dug pits 18X18X12 ins. E. and W. of Cor. 5½ ft. dist and raised mound of earth 1½ ft. high 3½ ft. base over it. On E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
79.44	The Cor. to Secs. 26. 27. 34 and 35
	Land — Rolling
	Soil — 3d rate.
	North bet Secs. 26 and 27.
	Var. 13° 20' E.
40.00	Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins. N. and S. of Cor. 5½ ft. dist, and raised mound of earth 1½ ft. high 3½ ft. base over it. On N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S.

Subdivisions T31N. R31W.

Chains.	
	on W. face
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 22, 23. 26 and 27. dug pits 18X18X12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. On SE. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T31N. S. 23 on NE, R31W. S. 26 on SE, S 27 on SW. and S 22 on NW. faces with 2 notches on each of E. and S. edges
	Land — Hilly
	Soil — 2d and 3d rate.
	East on a random line bet. Secs. 26 and 26
	Var. 13° 00' E
40.00	Set temporary 1/4 Sec. Cor.
79.40	Intersect N. and S. line 10 lks.

Subdivisions T 31 N. R. 31 W.

Chains	
	S. of Cor. to Secs. 23, 24, 25 and 26
	Thence Down
	S 89° 56' W. on a true line bet.
	Secs. 23 and 26 with same va.
39.70	Deposited Charred Stake 12 ins.
	in the ground for 1/4 Sec. Cor, dug
	pits 18 x 18 x 12 ins. E. and W. of Cor.
	5½ ft. dist. and raised a mound
	of earth 1½ ft. high 3½ ft. base
	over it. Sw E. pit drove stake 2
	ft. long 2 ins. Square 12 ins. in
	the ground marked 1/4 S on N. face
79.40	The Cor. to Secs. 22, 23, 26 and 27
	Land — Rolling and broken
	Soil. — 3d rate
	North bet. Secs. 22 and 23,
	Va. 13° 15' E.
40.00	Deposited Charred stake 12 ins.
	in the ground for 1/4 Sec. Cor
	dug pits 18 x 18 x 12 ins. N. and S. of
	Cor. 5½ ft. dist. and raised mound
	of earth 1½ ft. high 3½ ft. base

Subdivisions T 31 N. R 31 W.

Chains	
	over it. Sw N. pit drove stake 2
	ft. long 2 ins. Square 12 ins. in
	the ground marked 1/4 S. on W. face
58.00	Enter narrow valley bears SE
68.00	Leave valley, enter low bluffs bears SE
80.00	Deposited Charred stake 12 ins,
	in the ground for Cor. to Secs 14,
	15, 22 and 23 dug pits 18 x 18 x 12
	ins. in each Sec. 5½ ft. dist. and
	raise mound of earth 2 ft. high
	4½ ft. base over it. Sw SE pit drove
	a stake 2 ft. long 2 ins. Square 12
	ins. in the ground marked
	T 31 N. S. 14 on S E.
	R 31 W. S 23 on S E
	S 22 on S W. and
	S 15 on N W. faces with 2 notches
	on E. and 3 notches on S. edge
	Land — Level to rolling
	Soil — 2d and 3d rate
	East on a random line
	bet. Secs. 14 and 23.

Subdivisions T31N. R31W.

Chains	
	Va. 13°. 00' E.
40.00	Set temporary 1/4 Sec. Cor.
79.58	Intersect N. and S. line 14 lks. N. of cor. to Secs. 13.14.23 and 24
	Thence I run
	N 89°. 54' W. on a true line bet. Secs. 14 and 23 with same Va.
39.79	Deposited charred stake 12 ins in the ground for 1/4 Sec. Cor. dug pits 18×18×12 ins. E. and W. of Cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. In E. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on N. face
79.58	The cor. to Secs. 14, 15, 22 and 23.
	Land — Rolling
	Soil — 3d rate
	October 6, 1881
	North bet. Secs. 14 and 15
	Va. 13°. 20' E.
40.00	Deposited charred stake 12 ins.

Subdivisions T31N. R31W.

Chains.	
	in the ground for 1/4 Sec. cor. dug pits 18×18×12 ins. N. and S. of Cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on W. face.
80.00	Deposited charred stake 12 ins. in the ground for Cor. to Secs. 10, 11, 14 and 15 dug pits 18×18×12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. In S.E. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked
	T31N. S. 11 on NE.
	R. 31 W. S. 14 on SE.
	S 15 on SW. and
	S 10 on NW. faces with 2 notches on E. and 4 notches on S. edge
	Land — Rolling
	Soil — 2d rate.

Subdivisions T31 N. R. 31 W.

Chains	
	East on a random line bet. Secs. 11 and 14 Va. 13.° 00' E.
40.00	Set temporary 1/4 Sec. Cor.
80.06	Intersect N. and S. line 10 lks N. of Cor. to Secs 11, 12, 13 and 14
	Thence N. runs N 89.° 56' W. on a true line bet. Secs. 11 and 14 with same Va.
40.03.	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins. E. and W. of Cor. 8½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
80.06	The Cor. to Secs. 10. 11. 14 and 15
	Land — Rolling and hilly
	Soil. — 2d and 3d rate.
	October 7th 1881

Subdivisions T31 N. R. 31 W.

Chains	
	North bet. Secs. 10 and 11 Va. 13° 20' E.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins. N. and S. of Cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 2. 3. 10 and 11 dug pits 18X18X12 ins. in each Sec. 5½ ft. dist. and raised mound of earth 2 ft. high 4½ ft. base over it. In SE. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T31 N. S 2 on NE. R31 W. S 11 on SE. S 10 on SW. and S 3 on NW. faces with 2 notches on E. and 4 notches on S. edge
	Land — Hilly
	Soil — 3d rate.

Subdivision T3N. R3W.

Chains	
	East on a random line bet. Secs. 2 and 11 Va. 13° 00' E.
40.00	Set temporary 1/4 Sec. Cor.
80.06	Intersect N. and S. line 40 lks. N. of cor. to Secs. 1, 2, 11 and 12
	Thence I ran N 89° 43' W. on a true line bet. Secs. 2 and 11 with same va.
40.03	Deposited Chas. & stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18x18x12 ins. E. and W. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. Dw E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
80.06	The cor. Cor. to Secs. 2, 3, 10 and 11
	Land. Hilly
	Soil — 3d rate.
	October 8th 1881.

Subdivisions T3N. R3W.

Chains.	
	North on a random line bet. Secs. 2 and 3. Va. 13° 20' E.
40.00	Set temporary 1/4 Sec. Cor.
75.58	Intersect N. boundary of the township at Cor. to Secs. 2, 3, 34 and 35 described at page 4.
	Thence I ran South on a true line bet. Secs. 2 and 3 with same va.
35.58	Deposited Chas. & stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18x18x12 ins. N. and S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. Dw N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
75.58	The cor. to Secs. 2, 3, 10 and 11
	Land. Rolling
	Soil — 3d rate
	November 16th 1881.

Subdivisions T 31 N. R 31 W.

Chains	
	From the Cor. to Secs 3. 4. 33 and 34 described at page 45 Survey of T 30 N. R 31 W., on the South boundary of the township
	Ran
	North bet. Secs. 33 and 34 Va. 13° 25' E.
40.00	Deposited Chas'd stake 12 ins in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. N. and S. of Cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it.
	In N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground
	marked 1/4 S. on N. face
80.00	Deposited Chas'd stake 12 ins. in the ground for Cor. to Secs. 27. 28. 33 and 34 dug pits 18 X 18 X 12 ins. in each Sec, 5½ ft. dist. and raised mound of earth 1½ ft. high 4½ ft. base over it.
	In S E. pit drove stake 2 ft.

Subdivisions T 31 N. R 31 W.

Chains.	
	Long 2 ins. Square 12 ins. in the ground marked.
	T 31 N. S 27 on N E.
	R 31 W. S. 34 on S E.
	S 33 on S W. and
	S 28 on N W. faces with 1 notch on S. and 3 notches on E edge
	Land — Hilly and rolling
	Soil. — 3rd Rate.
	East on a random line bet. Sec Cor. 27 and 34
	Va. 13° 00' E.
40.00	Set temporary 1/4 Sec. Cor.
80.34	Intersect N. and S. line 22 Lks. N. of Cor. to Secs 26. 27. 34 and 35
	Thence N ran
	N 89° 51' W. on a true line bet. Secs. 27 and 34 with same Va.
40.17	Deposited Chas'd stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits E. and W. of Cor. 5½ ft.

Subdivisions T 31 N. R 3 W.

Chains	
	dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. In E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ S. on N. face
80.34	The cor. to Secs. 27, 28. 33 and 34 Sand — Rolling Soil. — 2d rate
	North bet. secs. 27 and 28. Va. 13° 20' E.
40.00	Deposited Charred stake 12 ins. in the ground for ¼ Sec. cor. dug pits 18×18×12 ins. N. and S. of Cor. 5½ ft. dist and raised mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ S. on W. face
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 21. 22. 27 and 28 dug pits 18×18×12 ins. in each Sec. 5½ ft. dist and.

Subdivisions T 31 N. R 3 W.

Chains	
	raised mound of earth 2 ft. high 4½ ft. base over it. In SE. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 31 N. S. 22 on NE, R 3 W. S. 27 on SE, S 28 on SW. and S 21 on NW. faces with 3 notches on E and 2 notches on S edges Land. Broken Soil. — 2d and 3d rate
	East on a random line bet. Secs. 22 and 27 Va. 13° 00' E.
40.00	Set temporary ¼ Sec. Cor.
80.24	Intersect N. and S. line 20 lks. N. of cor. to Secs. 22. 23. 26 and 27
	Thence Down N 89° 51' W. on a true line bet. secs. 22 and 27 with Same Va.

Subdivisions T 31 N. R 31 W.

Chains	
40.12	Deposited Chas a d stake 12 ins. in the ground for 1/4 sec. cor, dug pits 18X18X12 ins. E. and W. of cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. Brs E. pit. drove stake 2 ft. long 2 ins. Square 1½ ins. in the ground marked 1/4 S. on W. face
80.24	The cor. to Secs. 21, 22, 27 and 28. Land — Hilly Soil — 2d and 3d rate

North bet. Secs. 21 and 22
Var. 13.° 20' E.

40.00	Deposited Chas a d stake 12 ins. in the ground for 1/4 Sec. cor. dug pits 18X18X12 ins. N. and S. of cor. 5½ ft. dist and raised a mound of earth 1½ ft. high 3½ ft. base over it. Brs N. pit drove stake 2 ft. long 2 ins. Square 1½ ins. in the ground marked 1/4 S. on W. face
80.00	Deposited chas a d stake 12 ins.

Subdivisions T 31 N. R 31 W.

Chains	
	in the ground for cor. to Secs. 15, 16. 21 and 22 dug pits 18X18X12 ins in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. Brs SE. pit drove stake 2 ft. long 2 ins Square 1½ ins. in the ground, marked, T 31 N. S. 15 on NE. R 31 W. S. 22 on SE, S 21 on SW. and, S 16 on NW. faces with 3 notches on each of S. and E. edges Land — Rolling to hilly Soil. — 3d and 4th rate.

East on a random line bet.
Secs. 15 and 22
Var. 13.° 00' E.

40.00	Set temporary 1/4 Sec. cor,
80.00	Intersect N. and S. line 4 4 chs. N. of cor. to Secs. 14, 15, 22 and 23, Thence Drs

Subdivisions T 31 N. R 31 W.

Chains	
	N 89° 41' W. on a true line bet. Secs. 15 and 22 with Same Va.
40.00	Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins. E. and W. of Cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. In E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
80.00	The Cor. to Secs. 15, 16, 21 and 22. Land — Hilly Soil — 3d and 4th rate.
	North bet. Secs 15 and 16 Va. 13° 20' E.
40.00	Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins. N. and S. of Cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove stake 2 ft. long 2 ins. Square 12 ins.

Subdivisions T 31 N. R 31 W.

Chains.	
	in the ground marked 1/4 S. on W. face.
80.00	Deposited charred stake 12 ins. in the ground for Cor. to Secs. 9 10, 15 and 16 dug pits 18X18X12 ins in each Sec 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. In SE. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked. T 31 N. S. 10 on NE, R 31 W. S. 15 on SE, S 16 on SW. and S 9 on NW. faces with 3 notches on E. and 4 notches on S. edges Land. Rolling and hilly Soil — 2d and 3d rate
	East on a random line bet. Secs. 10 and 15 Va. 12° 50' E.
40.00	set temporary 1/4 Sec. Cor.

Subdivisions T 31 N. R 31 W.

Chains	
80.00	Intersect N. and S. line at cor. to Secs. 10. 11. 14 and 15 —
	Thence I run
	West on a true line bet. Secs 10 and 15 with same va,
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins. E. and W. of Cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. On E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
80.00	The Cor. to Secs 9. 10. 15 and 16
	Land — Gently rolling
	Soil — 1st and 2d rate
	October 8th 1881
	North bet. Secs. 9 and 10
	Va. 13° 20' E
40.00	Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins. W and S. of Cor.

Subdivisions T 31 N. R 31 W.

Chains	
	5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. On N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs 3. 4. 9 and 10. dug pits 18X18X12 ins. in each Sec. 5½ ft. dist and raised mound of earth 2 ft. high 4½ ft. base over it. On S.E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked.
	T 31 N. S. 3 on N.E.,
	R 31 W. S 10 on S.E.,
	S 9 on S.W. and
	S 4 on N.W. faces with 3 notches on E. and 5 notches on S edge
	Land — Hilly to rolling
	Soil. — 2d and 3d rate.

Subdivisions T 31 N. R 31 W.

Chains	
	East on a random line bet. Secs. 3 and 10 Va. 12°. 40' E.
40.00	Set temporary 1/4 Sec. Cor.
80.00	Intersect N. and S. line 6 lks. N. of Cor. to Secs 2, 3, 10 and 11.
	Thence I run N 89° 57' W. on a true line bet. Secs 3 and 10 with same Va.
40.00	Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. E. and W. of Cr. 5 1/2 ft. dist. and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. On E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.00	The Cor. to Secs. 3, 4, 9 and 10

Land - Hilly and broken
Soil - 3d and 4th rate.

October 11th 1881.

Subdivisions T 31 N. R 31 W.

Chains	
	North on a random line bet. Secs. 3 and 4 Va. 13° 20' E.
40.00	Set temporary 1/4 Sec. Cor.
73.00	Intersect the N. boundary of township at Cor. to Secs 3, 4 33 and 34 described at page 6.
	Thence I run South on a true line bet. Secs. 3 and 4 with same Va.
33.50	Deposited charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. W. and S of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. On S. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S on W. face
73.50	The Cor. to Secs. 3, 4, 9 and 10

Land - Hilly and rolling
Soil - 2d & 4th rate.

Subdivisions T31N. R31W.

Chains

November 16, 1881

From the cor. to Secs. 4, 5, 32 and 33 described at page 47 survey of T30N. R31W. on the South boundary of the township

I run

North bet. Secs. 32 and 33.
Va. 13° 20' E.

40.00 Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. I ran S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In it I put down a stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on W. face

80.00 Deposited Charred stake 12 ins. in the ground for Cor. to Secs. 28, 29, 32 and 33 dug pits 18 X 18 X 12 ins. in each Sec. 5½ ft.

Subdivisions T31N. R. 31W.

Chains

dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. In S.E. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked.
T31N. S 28 on N.E.
R31W. S 33 on S.E.
S 32 on S.W.
S 29 on N.W. faces with 4 notches on E. and 1 notch on S. edge
Lands — Hilly
Soil — 3d and 4th. rate

East on a random line bet. Secs. 28 and 33.
Va. 13° 00' E.

40.00 Set temporary 1/4 Sec. Cor.

79.26 Intersect N. and S. line 10 lks. N. of cor. to Secs. 27, 28, 33 & 34

Thence I run
N 89° 56' W. on a true line bet. Secs. 28 and 33 with same Va.

Subdivisions T 31 N. R 31 W.

Chains	
39.63	Deposited charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18×18×12 ins. E. and W. of Cor. 5½ ft. dist. a raised a. mound of earth 1½ ft. high 3½ ft. base over it. On E. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on N. face
79.26	The Cor. to Secs 28, 29, 32 and 33
	Land — Rolling
	Soil — 3d rate
	North bet. secs. 28 and 29,
	Va. 13° 35' E.
40.00	Deposited charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18×18×12 ins N. and S of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. On N. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground

Subdivisions T 31 N. R 31 W.

Chains.	
	marked 1/4 S. on N. face
80.00	Deposited Charred stake 12 ins. in the ground for Cor. to Secs. 20, 21, 28 and 29. dug pits 18×18×12 ins. in each sec. 5½ ft. dist and raised mound of earth 2 ft. high 4½ ft. base over it. On S E. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked.
	T 31 N. S 21 on NE.
	R 31 W. S 28 on SE.
	S 29 on S W. and
	S 20. on N W. faces with 4 notches on E and 2 notches on S edge
	Land — Hilly
	Soil. — 3d rate
	East on random line bet. secs
	21 and 28
	Va. 13° 00' E.
40.00	Set temporary 1/4 Sec. Cor.

Subdivisions T31N. R31W.

Chains	
79.24	On East St. and S. line 60 lks St. of cor. to Secs 21, 22, 27 and 28. Thence Drive N 89° 34' W. on a true line bet. Secs. 21 and 28 with Same va.
39.62	Deposited Charred stake 12 ins in the ground for 1/4 Sec. cor. dug pits 18X18X12 ins. E and W. of cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. On E. pit drove stake 2 ft long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
79.24	The cor. to Secs 20, 21, 28 and 29 Land — Hilly and rolling Soil — 3d rate
	Starts bet. Secs. 20 and 21 Va. 13° 40' E.
40.00	Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins. N.

Subdivisions T31N. R31W.

Chains	
	and S. of cor. 5½ ft. dist and raised mound of earth 1½ ft. high 3½ ft. base over it. On N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
80.00	Deposited Charred stake 12 ins. in the ground for Cor. to Secs. 16, 17, 20 and 21, dug pits 18X18X12 ins. in each Sec. 5½ ft. dist and raised mound of earth 2 ft. high 4½ ft. base over it. On SE. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked. T31N. S16 on NE. R31W. S21 on SE. S20 on SW. and S17 on NW. faces with 4 notches on E. and 3 notches on S. edge Land — Rolling Soil — 3d rate.

Subdivisions T 31 N. R 3 1 W.

Chains	
	East on a random line bet. Secs. 16 and 21 Va 1 2° 50' E.
40.00	Set temprary 1/4 Sec. cor.
79.48	Intersect St. and S. line 66 lks. N. of cor. to Secs. 15, 16, 21 and 22 Thence S rom W 89° 32' W. on a true line bet. Secs. 16 and 21 with Same Va.
39.74	Deposited Charred stake 12 ins. in the ground for 1/4 Sec. cor. dug pits 18x18x12 ins. E. and W. of cor. 5 1/2 ft. dist. and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. Dn E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
79.48	The cor. to Secs. 16, 17, 20 and 21 Land.— Rolling Soil.— 2d rate.

Subdivisions T 31 N. R 3 1 W.

Chains	
	North bet. Secs. 16 and 17 Va. 13° 40' E.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. cor. dug pits 18x18x12 ins. N. and S. of cor. 5 1/2 ft. dist. and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. Dn N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.00	Deposited Charred Stake 12 ins. in the ground for cor. to Secs. 8, 9, 16 and 17 dug pits 18x18x12 ins. in each sec. 5 1/2 ft. dist and raised mound of earth 2 ft. high 4 1/2 ft. base over it. Dn SE. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked. T 31 N. S. 9 on NE. R 3 1 W. S 16 on SE. S 17 on SW. and.

Subdivisions T 31 N. R 31 W.

Chains	
	S 8 on N.W. faces with 4 notches on each of S and E. edges Land - Hilly and rolling Soil. — 2d rate.
	East on a random line bet secs. 9 and 16, Va. 12.° 40' E.
40.00	Set temporary 1/4 Sec. Cor.
79.60	Intersected N. and S. line 54 lks. N. of Cor. to Secs 9, 10, 15 and 16.
	Thence Drew N 89.° 37' W. on a true line bet. Secs. 9 and 16 with Same va,
39.80	Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins. E. and W. of Cor. 5 1/2 ft. dist and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. Dw E. pit drove stake 2

Subdivisions T 31 N. R 31 W.

Chains	
	ft. long 2 ins. Square 12 ins. in the ground marked 1/4 Sec. on N. face.
79.60	The Cor. to Secs. 8, 9, 16 and 17 Land. — Rolling Soil. — 2d rate October 11th 1881.
	North bet. secs. 8 and 9. Va. 13.° 40' E.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins. N. and S. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. Dw N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 4, 5, 8 and 9 dug pits 18X18X12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft.

Subdivisions T31 N. R31W.

Chains	
	base over it. Dn S E. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked. T31 S 4 on N E, R31 S 9 on S E, S 8 on S W. and S 5 on N W. faces with 4 notches on E. and 5 notches on S. edge. Land.- Rolling and hilly Soil. - 3d rate
	East on a random line bet. Secs 4 and 9 Va. 12°. 30' E,
40.00	Set temporary 1/4 Sec. Cor,
80.18	Dn Intersect N. and S. line 66 lks N. of Cor. to Secs. 3. 4. 9 and 10, Thence Dr ms N 89°. 32' W. on a true line bet, Secs 4 and 9 with Same va.
40.09	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits E. and W. of Cor. 5 1/2 ft. dist,

Subdivisions T31 N. R31W.

Chains.	
	and raised mound of earth 1 1/2 ft, high 3 1/2 ft. base over it, Dn E. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.18	The Cor. to Secs. 4. 5. 8 and 9. Land= Hilly Soil, - 3d and 4th rate. October 13th 1881.
	North on a random line bet, Secs. 4 and 5 Va. 13°. 35' E,
40.00	Set temporary 1/4 Sec. Cor.
70.65	Intersect N boundary of the Township 42 lks. W. of Cor. to Secs 4. 5. 32 and 33 described at page 7
	Thence Dr ms S 0°. 20' W. on a true line bet. Secs. 4 and 5. with Same va
30.65	Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cor.

Subdivisions T 31 N. R 31 W.

Chains

dug pits 18×18×12 ins. N. and S. of cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. On N. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on W. face

70.65 The cor. to Secs. 4, 5, 8 and 9,
Land.— Rolling
Soil.— 3d and 4th rate.
November 16th 1881.

80.00

Subdivisions T 31 N. R 31 W.

From the cor. to Secs. 5, 6, 31 and 32 described at page 49 survey of T. 30 N. R 31 W. on the South boundary of the township
I run
North bet. secs. 31 and 32
Va. 13° 30' E.

40.00 Deposited charred stake 12 ins. in the ground for 1/4 Sec. cor. dug pits 18×18×12 ins. N. and S. of cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. On N. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on W. face

Deposited charred stake 12 ins. in the ground for cor. to Secs. 29, 30, 31 and 32 dug pits 18×18×12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it, On SE. pit drove stake 2

Subdivisions T31N. R31W.

Chains	
	ft. long 2 ins. Square 12 ins. in the ground marked. T31N. S29 on NE. R31W. S32 on SE. S31 on SW. and S30 on NW. faces with 1 notch on S. and 5 notches on E. edge. Land – Broken. Soil. – 3d and 4th rate.
	East on a random line bet. Secs. 29 and 32. Va. 13° 00' E.
40.00	Set temporary 1/4 Sec. Cor.
80.10	Intersect N. and S. line 4 chs W. of Cor. to Secs. 28. 29. 32 and 33. Thence Drun N 89° 58' W. on a true line bet. Secs. 29 and 32 with Same va.
40.05	Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins. E. and W.

Subdivisions T31N. R31W.

Chains	
	of Cor. 5 1/2 ft. dist. and raise mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. On E. pit drive stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.10	The Cor. to Secs. 29. 30. 31 and 32. Land – Rolling and broken Soil. – 3d rate.
	West on a random line bet. Secs. 30 and 31 Va. 13° 00' E.
40.00	Set temporary 1/4 Sec. Cor.
86.14	Intersect the west boundary of the Township 40 Lks. N. of Cor. to Secs. 25. 30. 31 and 36 described at page 14 Thence Drun N 89° 44 E. on a true line bet. Secs. 30 and 31 with Same va.
46.14	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins. E. and W. of Cor. 5 1/2 ft. dist. and raised

Subdivisions T 31 N. R. 31 W.

Chains	
	mound of earth 1½ ft. high 3½ ft. base over it. Dug E. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
86.14	The cor. to Secs. 29. 30. 31 and 32, Land.- Hilly and rolling Soil.— 3d rate.
	North bet. secs. 29 and 30, Va. 13°. 25' E.
40.00	Deposited Chas'd stake 12 ins. in the ground for 1/4 Sec. cor. dug pits 18 X 18 X 12 ins, N. and S. of cr. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. Dug N. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.00	Deposited Chas'd stake 12 ins. in the ground for cor. to Secs. 19. 20. 29 and 30 dug pits 18

Subdivisions T 31 N. R 31 W.

Chains	
	X 18 X 12 ins. in each sec. 5½ ft. dist. and raised mound of earth 2 ft. high 4½ ft. base over it. Dug S.E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked. T 31 N. S 20 on N.E. R 31 W. S. 29 on S.E. S 30 on S.W. and. S 19 on N.W. faces with 2 notches on S. and 5 notches on E. edge Land.- Hilly Soil.— 3d rate.
	East on a random line bet. Secs. 20 and 29. Va. 13°. 00' E.
40.00	Set temporary 1/4 Sec. cor.
79.92	Intersect N. and S. line 30 lks. S. of cor. to Secs. 20, 21, 28 and 29. Thence Grem S 89°. 47' W. on a true line bet

Subdivisions T 31 N. R 31 W.

Chains	
	Secs. 20 and 29 with same va,
39.96	Deposited charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. E. and W. of cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. On E. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on N. face
79.92	The cor. to Secs. 19, 20, 29 and 30.
	Land – Rolling
	Soil – 3d rate.
	West on a random line bet. Secs. 19 and 30
	Va. 13° 10' E.
40.00	Set temporary 1/4 Sec. cor.
82.02	Intersect the west boundary of the township at the cor. to Secs. 19, 24, 25 and 30, described at page 15
	Thence I run
	East on a true line bet. Secs

Subdivisions T 31 N. R 31 W.

Chains	
	19 and 30 with same va,
42.02	Deposited charred stake 12 ins in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. E. and W. of Cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. On E. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on N. face
82.02	The cor. to Secs. 19, 20, 29 and 30.
	Land – Rolling
	Soil – 2d and 3d rate
	North bet. Secs. 19 and 20
	Va. 13° 40' E.
40.00	Deposited charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. W. and S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. On N. pit drove a stake 2 ft. long 2 ins. square 12 ins in the ground marked 1/4 S.

Subdivisions T31N. R31W.

Chains	
	on W. face
80.00	Drove charred stake 12 ins. in the ground for cor. to Secs. 17, 18, 19 and 20 dug pits 18×18×12 ins. in each Sec 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. On SE. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked. – T31N. S17 on NE. R31W. S20 on SE
	S19 on SW. and S18 on NW. faces with 3 notches on S and 5 notches on E. edge
	Land – Hilly
	Soil – 3d rate
	East on a random line bet. Secs. 17 and 20 Va. 13° 00' E.
40.00	Set temporary ¼ Sec. Cor.
79.52	Intersect N. and S. line 16 chs. N. of cor. to Secs. 16, 17, 20 and 21
	Thence N. run
	N. 89° 53' W. on a true line bet.

Subdivisions T31N. R.31W.

Chains	
	Secs. 17 and 20 with same Va.
39.76	Deposited charred stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18×18×12 ins. E. and W. of Cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. On E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ S. on N. face
79.52	The cor. to Secs. 17, 18, 19 and 20,
	Land – Rolling
	Soil. – 2d rate.
	October 12 th 1881.
	West on a random line bet. Secs 18 and 19, Va. 13° 10' E,
40.00	Set temporary ¼ Sec. Cor.
77.91	Intersect west boundary of the township at cor. to Secs. 13 18, 19 and 24. described at page 13.
	Thence N. run
	East on a true line bet. Secs.

Subdivisions T31N. R31W.

Chains	
	18 and 19 with same va,
37.91	Deposited charred stake 12 ins. in the ground for 1/4 sec cor. dug pits 18×18×12 ins. E. and W. of cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. In E. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on N. face
77.91	The cor. to secs. 17, 18, 19 and 20
	Land — Rolling
	Soil — 3d rate
	North bet. secs. 17 and 18.
	va. 13° 45' E.
40.00	Deposited charred stake 12 ins. in the ground for 1/4 sec. cor. dug pits 18×18×12 ins. N. and S. of cor. 5½ ft. dist and raised mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove stake 2 ft. long 2 ins. square 12 ins. in in the ground marked 1/4 S.

Subdivisions T31N. R31W.

Chains	
	on W. face
80.00	Deposited charred stake 12 ins. in the ground for cor. to secs. 7, 8, 17 and 18 dug pits 18×18×12 ins. in each sec. 5½ ft. dist and raised mound of earth 2 ft. high 4½ ft. base over it. In SE. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked.
	T31N. S. 8 on NE.
	R31W. S. 17 on SE.
	S 18 on SW. and
	S 7 on NW. faces with 4 notches on S. and 5 notches on E. edge
	Land — Rolling
	Soil — 3d rate.
	East on a random line bet. secs 8 and 17
	va. 13° 00' E.
40.00	Set temporary 1/4 sec. cor.
79.72	Intersect N. and S. line 33 lks.

Subdivisions T31N. R31W.

Chains.	
	N. of Cor. to Secs. 8. 9. 16 and 17
	Thence Drive
	N. 89° 46' W. on a true line bet.
	Secs. 8 and 17 with Same Va.
39.86	Deposited Charred Stake 12 ins.
	in the ground for 1/4 Sec. Cor.
	dug pits 18×18×12 ins. E. and W. of
	Cor. 5½ ft. dist. and raised mound
	of earth 1½ ft. high 3½ ft. base
	over it. On E. pit drove stake
	2 ft. long 2 ins. Square 12 ins.
	in the ground marked 1/4
	Sec. on N. face
79.72	The Cor. to Secs. 7, 8, 17 and 18.
	Land — Rolling
	Soil — 2d and 3d rate.

	West on a random line bet.
	Secs. 7 and 18.
	Va. 13° 10' E.
40.00	Set temporary 1/4 Sec. Cor.
73.52	Intersect the west boundary
	of the township at Cor. to Secs

Subdivisions T31N. R31W.

Chains.	
	7, 12, 13 and 18 described at
	page 18.
	Thence Drive
	East on a true line bet. Secs.
	7 and 18 with Same Va.
33.52	Deposited Charred stake 12 ins.
	in the ground for 1/4 Sec. Cor. dug
	pits 18×18×12 ins. E. and W. of Cor.
	5½ ft. dist. and raise mound of
	earth 1½ ft. high 3½ ft. base over
	it. On E. pit drove stake 2 ft.
	long 2 ins. Square 12 ins. in the
	ground marked 1/4 S. on N. face
73.52	The Cor. to Secs. 7, 8, 17 and 18.
	Land — Rolling
	Soil — 3d rate.

	North bet. Secs. 7 and 8,
	Va 13° 45' E.
40.00	Deposited Charred stake 12
	ins. in the ground for 1/4 Sec. Cor.
	dug pits 18×18×12 ins. N. and S. of
	Cor. 5½ ft. dist. and raise mound

Subdivisions T 31 N. R 31 W.

chains	
	of earth 1½ ft. high 3½ ft. base over it. Dug N. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked ½ S. on N. face
80.00	Deposited Charred stake 12 ins. in the ground for Cor. to Secs. 5. 6. 7 and 8. dug pits 18×18×12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. Dug S.E. pit drove Stake 2 ft. long 2 ins. square 12 ins. in the ground marked T 31 N. S. 5 on N.E. R 31 W. S. 8 on S.E. S 7 on S.W. and S 6 on N.W. faces. with 5 notches in each of S. and E. edges
	Land - Rolling
	Soil. — 3d rate

Subdivisions T 31 N. R 31 W.

chains.	
	East on a random line bet. Secs. 5 and 8. Var. 12° 50' E.
40.00	set temporary ¼ Sec. Cor.
79.80	Intersect N. and S. line 26 lks. N. of Cor. to Secs. 4. 5. 8 and 9.
	Thence I run
	N 89° 49' W. on a true line bet. Secs. 5 and 8 with same var,
39.90	Deposited Charred Stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18×18×12 ins. E. and W. of Cor. 5½ ft. dist. and raised mound of earth 3½ ft. high 3½ ft. base over it. Dug E. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked ¼ S. on N. face
79.80	The Cor. to Secs. 5. 6. 7 and 8.
	Land. Rolling
	Soil — 2d and 3d rate

Subdivisions T31N. R31W.

Chains	
	West on a random line bet. Secs. 6 and 7, Va. 13.° 10' E,
40.00	Set temporary 1/4 Sec. cor.
68.82	Intersect the west boundary of the township 18 lks. S. of cor. to Secs. 1, 6, 7 and 12, described at page 16.
	Thence Down S 89.° 51' E. on a true line bet. Secs. 6 and 7 with Same Va.
28.82	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. E. and W. of Cor. 5 1/2 ft. dist. and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 Sec. on N. face
68.82	The Cor. to Secs. 5, 6, 7 and 8. Land — Rolling Soil - 2d and 3d rate

Subdivisions T31N. R31W.

Chains.	
	October 13th 1881
	North on a random line bet. Secs. 5 and 6 Va. 13.° 30' E.
40.00	Set temporary 1/4 Sec. Cor.
68.45	Intersect north boundary of the township at cor. to Secs. 5, 6, 31, and 32 described at page 9.
	Thence Down South on a true line bet. Secs. 5 and 6 with Same va.
28.45	Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. N. and S. of Cor. 5 1/2 ft. dist. and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
68.45	The Cor. to Secs. 5, 6, 7 and 8. Land — Rolling Soil — 2d and 3d rate
	November 16th 1881.

Observations on Polaris

Observed va. of Compass needle on lines established by observation of Western Elongation of Star Polaris.

October 11th 1881

Va. on observation line	15°57' E
Deduct Azimuth	1°49'
True Va.	14°08' E.

High winds and cloudiness prevented lasting any more observations that could properly be credited as taken in this township

General Description

This township (T 31 N. R. 31 W.) has but little variety either in surface or soil, being prairie rolling to hilly and the soil which is sandy includes little that is really good, though generally covered with a fair growth of bunch and buffalo grass, which furnishes a good range and subsistence for stock

It contains no water and no timber except three or four isolated cedars and pines

There are no settlements or improvements of any kind in this township

Thomas Graham
U. S. Deputy Surveyor.

A List of the Names of the individuals employed by Thomas Graham, U. S. Deputy Surveyor, to assist in running, measuring and marking the lines and corners described in the foregoing field notes of the survey of the Subdivision lines and Resurvey of Exterior lines of Township No. 31 North of the Base line of Range No 31 West of the Sixth Principal Meredian in the State of Nebraska, showing the respective capacities in which they acted:

W. T. Richardson ..... Compassman,
Geo. W. Lawson ..... Chainman,
Robt B. Rutherford ..... Chainman,
..... Chainman,
..... Chainman,
Geo E. Reichmyer ..... Moundman,
John W. Merriam ..... Moundman,
Elmer E. Cox ..... Flagman,
..... Flagman.

We hereby certify that we assisted Thomas Graham United States Deputy Surveyor, in surveying all those parts or portions of the Subdivision lines and Resurvey of Exterior lines of Township No. 31 North of the Base line of Range No. 31 West of the Sixth Principal Meredian in the State of Nebraska, 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 U. S. Surveyor General for Nebraska and Iowa.

W. T. Richardson ..... Compassman,
G W Lawson ..... Chainman,
R. B. Rutherford ..... Chainman,
..... Chainman,
..... Chainman,
Geo. E. Reichmyer ..... Moundman,
John W. Merriam ..... Moundman,
Elmer E. Cox ..... Flagman,
..... Flagman.

Subscribed in my presence and sworn to before me this 17th day of December 188. 1

David C. McKillop
Notary Public
Seward County Nebraska

95

I, Thomas Graham ..... U. S. Deputy Surveyor, do solemnly swear that in pursuance of instructions received from ..... George P. Smith ..... U. S. Surveyor General for Nebraska and Iowa, bearing date of the 14th day of June, 1881, I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the U. S. Surveyor General for Nebraska and Iowa, the Surveying Manual, and the Laws of the United States, surveyed all those parts or portions of the Subdivision lines and resurvey of Exterior Lines of Township No. 32 North & the Base Line of Range No. 31 West of the 6th Principal Meridian in the State of Nebraska, as are represented in the foregoing field notes as having been surveyed by me and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Surveying Manual, printed instructions, the special written instructions of the United States Surveyor General for Nebraska and Iowa, and in the specific 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 8th, 1846.

Thomas Graham

U. S, Deputy Surveyor.

Subscribed in my presence and sworn to before me this 14th day of February, 1882.

Solid C. McKillop

Notary Public

Seward Co. Nebraska

Field Notes
of the
Survey of the Subdivision
and
Meander Lines
and the
Resurvey of the Exterior Lines
of
Township 32 North
Range 31 West of the
6th Principal Meridian
in Nebraska
as Surveyed by
Thomas Graham
U.S. Deputy Surveyor
Under his contract No 119
Dated June 14. 1881
Survey Comm. Nov. 14. 1881
Survey Comp. May 5 1882

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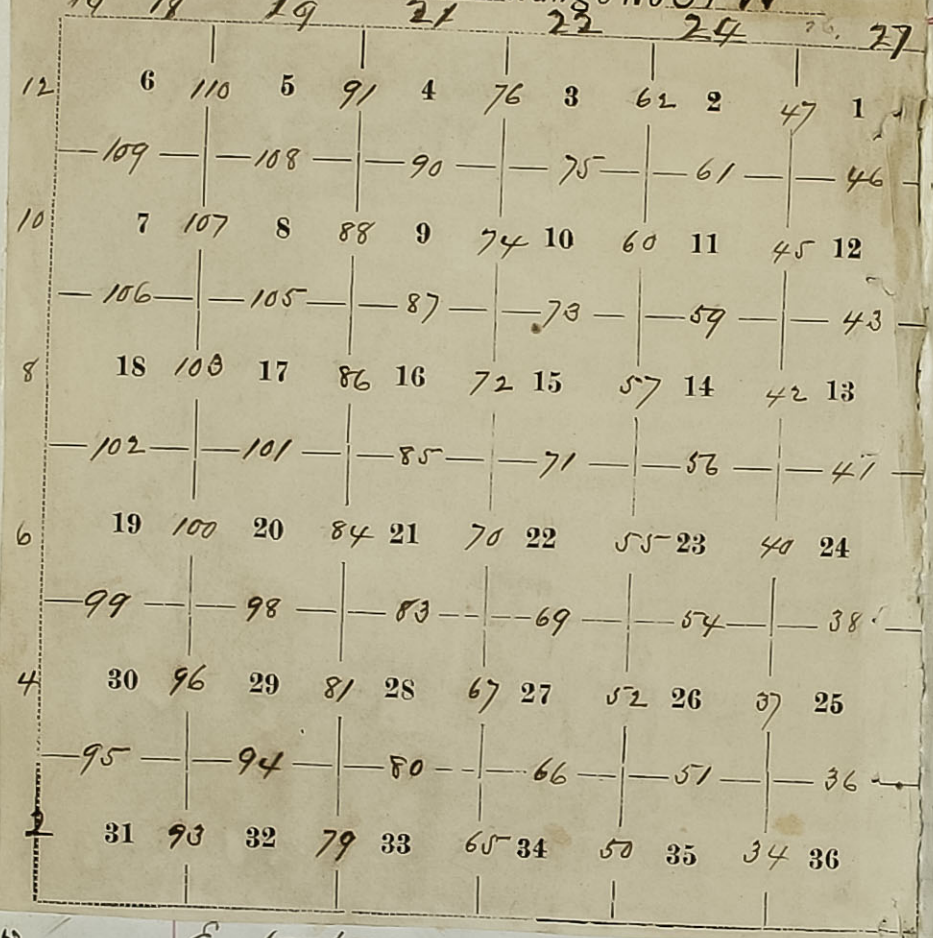
Town No 32 N Range No 31 W



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Names & duties of assistants on exteriors &c, & also Preliminary oaths see T. 30 N. R. 31 W

Exteriors T 32 N. R 31 W.

Resurvey of West Boundary of T 32 N. R 31 W. State of Nebraska.

I commence at the closing Cor. to Tps. 32 N. Rs. 31 and 32 W. which I find is 17.98 Chs. west of Standard Cor. to Secs. 31 and 32 T 33 N. R 31 W. and run south on a blank line bet. secs. 1 and 6 va. 13° 56' E.

At 38.26 Chs I find the old 1/4 sec. Cor. and at 78.26 Chs. find the old sec. Cor. I continue the true line south and find the alignment good but the measurements improperly made

I therefore resurvey this west boundary as follows:

Commencing at the Cor. to Tps. 31 and 32 N. Rs. 31 and 32 W.

Exteriors T 32 N. R 31 W.

Chains	
	Runs
	North bet. secs. 31 and 36
	Va. 13°. 56' E.
40.00	Deposited Chained stake
	12 ins. in the ground for
	1/4 sec. Cor. dug pits 18 x 18 x
	12 ins. N. and W. of Cor. 5 1/2
	ft. dist. and raise mound
	of earth 1 1/2 ft. high 3 1/2 ft.
	base over it.
	On N. pit drove stake 2
	ft. long 2 ins. Square 12
	ins. in the ground mark=
	=ed 1/4 S. on W. face
	I can find no trace of
	the old 1/4 sec. Cor.
80.00	Deposited a Chained
	stake 12 ins. in the
	ground for Cor. to secs.
	30 and 31 dug pits 18 x 18
	x 12 ins. in each sec. 5 1/2 ft.
	dist. and raised mound
	of earth 2 ft. high 4 1/2 ft.

Exteriors T 32 N. R 31 W.

Chains.	
	base over it
	On S E. pit drove a stake
	2 ft. long 2 ins. square 12 ins.
	in the ground marked
	T 32 N. S 30 on N E. and
	R 31 W. S. 31 on S E. face
	with 1 notch on S. and 5
	notches on N. edge
	From this Cor. the old sec.
	Cor. a mound and pits but
	no stake or similar mark
	bears North 71 lks. dist.
	I set old Cor. and in
	S E. pit drove a stake 2 ft.
	long 2 ins. square 12 ins. in
	the ground marked
	T 32 N. S 25 on N W and
	R 32 W. S. 36 on S W. face
	with 5 notches on N. and
	1 notch on S. edge
	Lands - Hilly
	Soil - Sandy 3d and 4th rate

Exteriors T 32 N. R 31 W.

Chains	
	North on west boundary Sec. 30.
	Va. 13°, 56' E.
40.00	Deposited a charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18x18x12 ins. N. and E. of Cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
	From this Cor. the old 1/4 Sec. Cor. a mound and pits bears North 91 lks. dist
80.00	Deposited a charred stake 12 ins. in the ground for Cor. to Secs. 19 and 30 dug pits 18x18x12 ins. in each Sec. 5½ ft. dist and raised a mound of earth 2 ft. high 4½ ft. base over it.

Exteriors T 32 N. R 31 W.

Chains	
	In S E. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 32 N. S 19 on N E. and R 31 W. S. 30 on S E. face with 2 notches on S. and 4 notches on N. edge
	From this Cor. the old Sec. Cor. a mound and pits bear North 151 lks. dist.
	Set old Cor. and in S E. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 32 N. S. 24 on N W. and R 32 W. S. 25 on S W. face with 2 notches on S. and 4 notches on N. Edge
	Land - Hilly
	Soil Sandy 3d and 4th rate

Exteriors T 32 N. R 31 W.

Chains	
	North on West boundary Sec. 19 Va. 13° 56' E.
40.00	Deposited a charred stake 12 ins. in the ground for 1/4 sec. Cor. dug pits 18×18×12 ins. N. and S. of Cor. 5½ ft. dist, and raised a mound of earth 1½ ft. high 3½ ft. base over it. On N. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on W. face
	From this Cor. the old 1/4 Sec. Cor. bears mound and pits. bears North 18 lks. dist.
80.00	Deposited Charred stake 12 ins. in the ground for Cor. to Secs 18 and 19. dug pits 18×18×12 ins in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft.

Exteriors T 32 N. R 31 W.

Chains	
	high 4½ ft. base over it. On S.E. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked T 32 N. S. 18 on N.E. and R 31 W. S. 19 on S.E. face with 3 notches on each of S and E. edges
	From this Cor. the old Cor. a mound and pits but no stake or similar mark bears North 18 lks. dist.
	Recruited old Cor. and in S.E. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked T 32 N. S. 13 on N.W. and R 32 W. S 24 on S.W. face with 3 notches on each of N. and S. edges
	Land Hilly
	Soil - Sandy 3d and 4th rate

Exterior of T 32 N. R 31 W.

Chains	
	North on west boundary Sec. 18 Va. 13° 56' E.
40.00	Deposited a charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. N. and S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it.
	In N. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
	From this Cor. the old 1/4 Sec. Cor. a mound and pits but no stake or similar mark bears North 18 lks. dist. Repair old 1/4 Sec. Cor. and in N. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face

Exterior of T 32 N. R 31 W.

Chains	
80.00	Deposited charred stake 12 ins. in the ground for Cor. to Secs. 7 and 18. dug pits 18 x 18 x 12 ins. in each Sec 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. In S.E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked, T 32 N. S. 7 on N.E. and R 31 W. S. 18 on S.E. face with 2 notches on N. and 4 notches on S. edge. From this Cor. the old Sec Cor. a mound and pits but no stake bears North 18 lks dist. Rebuilt old Cor. and in S.E. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 32 N. S. 12 on N.W. and R 32 W. S. 13 on S.W. face with 2 notches on N. and 4 notches on E. edge
	Land — Rolling
	Soil — 3d and 4th rate

Exterior T 32 Nr. R 31 W.

Chains	
	North on west boundary Sec. 7 Va. 13° 52' E.
40.00	Deposited a charred stake 12 ins. in the ground for 1/4 sec. Cor. dug pits 18×18×12 ins. N. and S. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face From this Cor. the old 1/4 sec. Cor. a mound and pits bears North 181 lks. dist.
80.00	Deposited charred stake 12 ins in the ground for Cor. to Secs. 6 and 7 dug pits 18×18×12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft.

Exterior T 32 Nr. R 31 W.

Chains	
	high 4½ ft. base over it. In S.E. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked. T 32 Nr. S 6 on Nr. E. and R 31 W. S 7 on S.E. face with 1 notch on N. and 5 notches on S. edge From this Cor. the old Sec. Cor. a mound and pits with stake missing bears North 247 lks. dist. Repair old Sec. Cor. and in S.E. pit drove a stake 2 ft. long 2 ins Square 12 ins. in the ground marked T 32 Nr. S 1 on Nr. W and R 32 W. S 12 on S.W. face with 1 notch on Nr. and 5 notches on S. edge Land – Rolling Soil – 3d and 4th rate

Exteriors T 32 Nr. R 31 W.

Chains	
	Starts on west boundary Sec. 6. Va. 13° 56' E.
40.00	Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. N. and S. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In N. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
	From this Cor. the old 1/4 Sec. Cor. a mound and pits bears North 24 lks dist. There being no post or stake at the old 1/4 Sec. Cor. in N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on

Exteriors T 32 Nr. R 31 W

Chains	
	W. face
80.73	The closing Cor. to T^ps. 32 Nr. Rs. 31 and 32 a mound and pits but no post or similar mark and dist. 17.98 Chs. west of Cor. to Secs. 31 and 32 T 33 Nr. R 31 W. Rebuild mound making it 2 1/2 ft. high 5 ft. base and clear out pits S. E. and W. of Cor. 6 ft. dist. making them 24 x 18 x 12 ins. Cross = = wise on each line
	In E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked C. C. T 32 Nr. on S. R 31 W. S 6 on E. and R 32 W. S. 1 on W. face with 6 notches on each of S. E. and W. faces
	Land - Rolling
	Soil - Sandy loams 2d and 3d rate
	November 14 1881

Exteriors T 32 N. R 31 W.

Survey of the

Exteriors T 32 N. R 31 W.

Resurvey of North boundary of T 32 N. R 31 W. ~~State of Nebraska.~~

Commencing at the closing cor. to Tps. 32 N. Ranges 31 and 32 W. I run east on a blank line on the south boundary of Sec. 31 T 33 N. R 31 W. Va. 14° 04' E. at 17.98 chs. I find the Cor. to Secs. 31 and 32 South 24 lks at 57.98 chs. I find the 1/4 Sec. Cor. South 70 lks. and at 97.89 chs I find the Cor. to Secs. 32 and 33 South 1.33 chs. I now change my course to S 89° 14' E. Va. 14° 04' E and continue the line from the Cor. to Secs 32 and 33 aforesaid to the closing Cor. to Tps 32 N. Ranges 30 and 31 W. and

Exteriors T32 N. R31 W.

Chains

find the measurements prac=
=tically correct but the
mounds and pits in all
cases need rebuilding
and repairing and the posts
or similar marks are in
several instances entirely
missing. I do not change
the alignment of this
North boundary and resur=
=vey it as follows:
Commencing at the closing
Cor. to Tps. 32 N. Ranges
31 and 32 W. I run
S 89° 14' E. on south bound=
=ary of Sec. 31 T33 N. R. 31 W.
Va. 14°04' E.

17.98 The cor. to Secs. 31 and 32. a
post in mound in ravine
in need of rebuilding. I
clean out pits N. E. and
W. of cor. 5½ ft. dist making
them 18 X 18 X 12 ins. and

Exteriors T32 N. R31 W.

Chains

rebuild mound making
it 2 ft. high 4½ ft. base
around post 4 ins. Square
4 ft. long 24 ins. in the
ground and marked
T33 N. R31 W. S. C on N.
S32 on E. and
S31 on W. face with 1
notch on W. and 5 notches
on E. face
Land. Gently rolling
Soil — Sandy loam 2d
and 3d rate.

S 89° 14' E. on south bound=
=ary of Sec. 32
Va 14°04' E.

40.10 The old ¼ sec. cor. in need of
repair — Rebuild mound
making it 1½ ft. high 3½ ft.
base around post 2½ ins.
Square 4 ft. long 24 ins.
in the ground marked

Exterior T 32 N. R. 31 W.

Chains	
	S. C. 1/4 S on N. face I clean out pits E. and W. of Cor. 5½ ft. dist. making them 18×18×12 ins.
79.81	The old Cor. to Secs. 32 and 33. a post in mound out of repair. I clean out pits N. E. and W. of Cor. 5½ ft. dist. making them 18×18×12 ins. and Rebuild mound making it 2 ft. high 4½ ft. base around post 4 ft. long 4 ins. Square set 24 ins. in the ground and marked T 33. N. R 31 W. S. C. on N. S 33 on E. and S 32 on W. faces with 4 notches on E. and 2 notches on W. face Land. Gently rolling Soil — Sandy loam 2d and 3d rate.

Exterior T 32 N. R. 31 W.

Chains	
	S 89° 14' E. on south boundary of Sec. 33. Va. 14.°04' E
39.97	The original ¼ Sec. Cor. a mound and pits in fair condition but no stake or similar mark. I rebuild mound making it 1½ ft. high 3½ ft. base and clean out pits E. and W. of Cor. 5½ ft. dist. making them 18×18×12 ins. In E. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked S. C. ¼ S. on N. face
79.97	The old Cor. to Secs. 33 and 34 a mound nearly obliterated and no stake or similar mark. I rebuild mound making it 2 ft. high 4½ ft. base and clean out pits N. E. and W.

Exteriors T32 N. R31 W.

chains	of Cor. 5½ ft. dist, making them 18×18×12 ins In E. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked. T33 N. R31 W. S.C. on N. S34 on E. and S33 on W. face with 3 notches on each of E. and W. faces. Land — Gently Rolling Soil — Sandy loam 2d and 3d rate.

Exteriors T32 N. R.31 W.

chains	S 89.74' E. on south boundary of sec. 34 Va 14°.04' E
2.00	Black Hills road bears S E.
40.00	The original ¼ sec. cor. a good stake 3 ins Square 4 ft. long marked S. C. ¼ S. on N. face set in mound in need of rebuilding I rebuild mound making it 1½ ft. high 3½ ft. base and clean out pits E. and W. of Cor. 5½ ft. dist making them 18×18×12 ins.
80.00	The original Cor. to Secs. 34 and 35 a mound 2 ft. high 4½ ft. base with pits N. E. and W. of Cor. 18×18×12 ins. 5½ ft. dist and post 4 ins. Square 4 ft. long in mound and marked T33 N. R31 W. S.C. on N. S35 on E. and

Exteriors T 32 N. R 31 W

Chains	
	S 34 on W. with 2 notches faces on E. and 4 notches on W. face Land Gently rolling Soil — 2d and 3d rate
	S 89° 14' E. on south boundary sec. 35 Va. 14. 04 E.
40.00	The old ¼ Sec. Cor. a mound and pits nearly obliterated and no stake or similar mark. I rebuild mound making it 1½ ft. high 3½ ft. base and clean out pits E and W. of Cor. 5½ ft. dist. making them 18×18×12 ins. In E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked S. C. ¼ S. on N. face
80.00	The original Cor. to Sec. 35 and 36 a mound and pits

Exteriors T 32 N. R 31 W.

Chains	
	nearly obliterated with no stake or similar mark. I rebuild mound making it 2 ft. high 4½ ft. base and clean out pits N. E. and W. of Cor. 5½ ft. dist. making them 18×18×12 ins. In E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 33 N. R 31 W. S. C. on N. S 36 on E. and S 35 on W. face with 1 notch on E. and 5 notches on W. face Land — Rolling and broken Soil — 2d and 3d rate.

Exteriors T32 N. R31 W.

Chains	
	S 89° 14' E. on South boundary of Sec. 36.
	Va 14. 04' E.
40.00	The original 1/4 Sec. Cor. a mound and pits nearly obliterated with post 2½ ins. Square 4 ft. long set 24 ins. in mound and marked S. C. 1/4 S. on N face
	I rebuild mound around post making it 1½ ft. high 3½ ft. base and clean out pits E. and W. of Cor. 5½ ft. dist. making them 18 x 18 x 12 ins.
67.99	Right bank of Crabtree river swift current banks 3 & 5 ft. high stream about 4 ft. deep with quicksand bottom. Find at this point traces of old Meander Cor. which is nearly obliterated -
	I Rebuild meander Cor.

Exteriors T32 N. R31 W.

ains.	
	making it 2 ft. high 4½ ft. base and at 8 lks W. of Cor. dig pit 3 ft. square 12 ins. deep. In pit drive stake 2 ft. long 2 ins. square 12 ins. in the ground marked M. C. T33 N. R31 W. S36 on N. and T32 N. R31 W. S1 on S face
78.38	Left bank of Crabtree river find no trace of meander Cor. accordingly at this point Deposited marked stone 12 ins. in the ground for meander Cor. to fractional Sec. 1 and 36 dug a pit 3 ft. square 1 ft. deep 8 lks. E. of Cor. and raised a mound of earth 2 ft. high 4½ ft. base over it
	In pit drove a stake 2 ins. Square 2 ft. long 12 ins. in the ground marked M. C. with T 33 N R31 W. S. 36 on N. and

Exteriors T32 N. R31 W.

Chains 80.22	T32 N. R31 W. S. 1 on S. face The original Cor. to Tps. 33 N. Ranges 30 and 31 W a mound and pits nearly obliterated with post wholly gone, but found the bearing trees to wit: a cottonwood 12 ins. in diam bears N 21° 12' E 113 lks dist. and a cottonwood 16 ins. diam. bears N 48° 32' W 213 lks. dist. all plainly marked. I rebuild mound making it 2½ ft. high 5 ft. base and clean out pits N. E. and W. of Cor. 6 ft. dist. making them 24 x 18 x 12 ins. Crosswise on each line. In E. pit drove stake 4 ft. long 2 ins square 18 ins. in the ground marked T33 N. S. 6 on N. R30 W. S. 31 on E. and R31 W. S 36 on W. faces

Exteriors T32 N. R. 31 W.

Chains	with 6 notches on each of N. E. and W. faces. Land – Hilly for first 10 chs. balance river bottom Soil – Sandy 2d and 3d rate Timber – Scattered pine and cottonwood with willow and ash underbrush on S. and W. sides of river
40.00	S 89° 14' E on south boundary of sec. 31 & 32 N. R 30 W. The original ¼ sec. Cor. a mound and pits in fair condition with post 2½ ins. Square 4 ft. long 24 ins. in ground and marked S.C. ¼ S. on N. face. I rebuild mound making it 1½ ft. high 3½ ft. base around post and clean out pits E. and W. of Cor. 5½ ft. dist. making them 18 x 18 x 12 ins.

Exteriors T 32 N. R 31 W.

Chains

30.77 The closing cr. to Tps. 32 N. Ranges 30 and 31 W. de=
=scribed at Page. Survey
of T 32 N. R 30 W.
Land - Hilly and broken
Soil - Sandy - 3d and 4th
rate.
Timber - Scattered pine
Cottonwood and hackberry
with some plum under=
=brush.

November 15 1881

Trial Oath

For trial oath of assistants on Resurvey of Exterior Lines see trial oath to T. 32 N. R 30 W

Names & Duties of Assistants

W. T. Richardson	Compassman
Rob G. Baker	Chainman
Joseph Smaha	Chainman
Geo Himinger	Axeman
Henry W Daniels	Axeman
Lewis Nelson	Flagman

Preliminary Oaths of Assistants
Subdivisions

(See T. 3 Out of Preliminary oaths of assistants on Exteriors)

We Robert G Baker and Joseph Smaha do sol=emnly swear that we will well and faithfully execute the duties of Chain carriers that we will level the chain over 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 accord=ance with instructions gi=en us in the Survey of the Subdivision and meander lines of Township No. 32 North of the Base Line of Range No. 31 West of the Sixth principal meredian

Preleminary oaths of assistants

in the State of Nebraska
Robert G Baker Chainman
Joseph Smaka Chainman
Subscribed and sworn to before
me this twenty fourth day
of april 1882
Thomas Graham
U. S. Deputy Surveyor

We Harry W Daniels and
George Henniger do
Solemnly swear that we
will well and truly perform
the duties of axmen and
moundmen in the establish=
=ment of Corners and other
duties according to instruc=
=tions given us and to the best
of our skill and ability in
the Survey of the Subdivision
and meander lines of Town=
=ship No 32 of Range

Preleminary Oaths of assistants

No 31 all north of the
base line and Sixth Principal
Meredian in the State
of Nebraska
Harry W Daniells axeman
Geo. Henniger axeman
Subscribed and Sworn to be=
=fore me this twenty fourth
day of April 1882
Thomas Graham
U. S. Deputy Surveyor

T 32 N. R 31 W.

As I have already re=
=traced the South and
East boundaries of this
township I Commence
at once to Subdivide
the Same
Survey Commenced
April 25th 1882 with
a W. and L. E. Gunter's

Subdivisions T32 N. R31 W. Continued

Light Mountain Transit

Commence at the Cor. to Secs. 1. 2. 35 and 36 on the South Boundary of the Township. (heretofore by me described) Thence Run

North bet. Secs. 35 and 36
Va 13° 5-5-1 E

40.00 Deposited Chained Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins. N. & S. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. On N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face

80.00 Deposited a Chained Stake 12 ins. in the ground for Cor. to Secs. 25, 26, 35 & 36 dug pits 18X18X12 ins. in each Sec.

Subdivisions T32 N. R31 W. Continued

5 1/2 ft. dist and raised a mound of earth 2 ft. high 4 1/2 ft. base over it.

On S E pit drove a stake 2 ins. Square 2 ft. long 12 ins. in the ground marked T32 N. S 25 on N E, R31 W. S. 36 on S E, S 35 on S W and S. 26 on N W. faces with 1 notch on S and E edges

Land Rolling & hilly
Soil Sandy & Gravel

Subdivisions T32N. R31W. Continued

	East on a random line bet. Secs. 25 and 36 Va 13° 55' E,
40.00	Set temporary 1/4 Sec. Cor.
80.22	Intersect the East boundary of the township at Cor. to Secs. 25, 30, 31 and 36, a mound with Stake in pit heretofore by me described
	Thence I run West on a true line bet. Secs. 25 and 36 with Same va,
40 11	Deposited a Chamd Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18x18x12 ins E, & W. of Cor. 5½ ft. dist and raised a mound of earth 1½ ft. high 3½ ft. base over it. On E. pit drove stake 2 ft. long 2 ins Square 12 ins. in the ground marked 1/4 S. on N. face
80,22	Set Cor. to Secs. 25, 26, 35 and 36

Subdivisions T32N. R31W. Continued

	Land. Rolling Soil Sandy 1st and 3rd rate
	Ran bet. Secs. 25 and 26 Va. 13° 55' E,
40.00	Deposited Chamfered Stake 12 ins. in the ground for 1/4 Sec. Cor, dug pits 18x18x12 ins. S. & S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. On S. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on on N. face
80.00	Deposited Chamfered Stake 12 ins. in the ground for Cor. to Secs. 23, 24, 25 and 26. dug pits 18x18x12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½

Subdivisions T32 N. R31 W. continued

base over it,
On S.E. pit drove Stake 2
ft. long 2 ins. Square 12 ins.
in the ground marked
T32 N. S. 24 on N.E.
R31 W. S 25 on S.E.
S 26 on S.W. and
S 23 on N.W. faces with
1 notch on E and 2 notches
on S edges
Land - Rolling and hilly
Soil - Sandy 3rd and 4th rate

East on a random line
bet. Secs. 24 and 25
Va. 13° 55' E.
40.00 Set temporary 1/4 Sec. Cor.
80.30 Intersect the East boundary
of Township 20 lks. S. of Cor.
to Secs. 19, 24, 25 and 30, a
mound with Stake in pit.
heretofore by me described
Thence S on

Subdivisions T32 N. R31 W. continued

S 89° 51' W on a true line
bet. secs. 24 and 25 with Same va.
40.15 Deposited a charred Stake
1 1/2 ins. in the ground for 1/4
Sec. Cor. dug pits 18x18x12 ins
E. and W. of Cor. 5 1/2 ft. dist. and
raised a mound of earth
1 1/2 ft. high 3 1/2 ft. base over
it. On E. pit drove a
Stake 2 ft. long 2 ins. Square
12 ins. in the ground marked
1/4 S. on N. face
80.30 The Cor. to Secs. 23, 24
25 and 26
Land - Rolling and
broken
Soil - Sandy 3rd and 4th
rate.

Subdivisions T 32 N. R 31 W. continued

	North bet. Secs. 23 and 24 Va. 13° 55' E.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18x18x12 ins. E & S. of Cor. 3½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. Ins N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
80.00	Deposited charred stake 12 ins. in the ground for Cor. to Secs. 13. 14. 23 and 24 dug pits 18x18x12 ins. in each sec. 5½ ft. dist. and raised mound of earth 2 ft. high 4½ ft. base over it. Ins S E. pit. drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 32 N. S. 13 on N E. R 31 W. S 24 on S E S 23 on S W. and

Subdivisions T 32 N. R 31 W. Continued

	S 14 on N W. faces with 1 notch on E. and 3 notches on S edges. Land — Hilly Soil — Sandy 3rd and 4th rate
	East on a random line bet. Secs. 13 and 24 Va 14° 30' E.
40.00	Set temporary 1/4 Sec. Cor.
80.22	Intersect East boundary of of Township 26 lks. S. of Cor. of Secs. 13. 18. 19 and 24 a mound heretofore by me described
	Thence S run S 89° 49' W. on a true line bet. Secs. 13 and 24 with Same Va.
40.11	Deposited a charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18x18x12 ins. E & W. of Cor. 5½ ft. dist and raised a mound of earth 1½ ft. high 3½ ft. base

Subdivisions T 32 N. R 31 W. continued

	over it. Dn E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.22	The Cor. to Secs. 13. 14. 23 and 24 Land – Hilly Soil – Sandy 3d and 4th rate
	North bet. Secs. 13 and 14 Va. 13° 55' E.
40.00	Deposited a charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18x18x12 ins. N & S. of Cor. 5 1/2 ft. dist. and raised mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. Dn N. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face.
80.00	Deposited charred Stake 12 ins. in the ground for Cor. to Secs. 11, 12, 13 and 14, dug pits 18x18x12 ins. in each Sec. 5 1/2 ft.

Subdivisions T 32 N. R 31 W. continued

	dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base over it. Dn SE. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 32 N. S. 12 on NE. R 31 W. S 13 on SE. S 14 on SW. and S 11 on NW. faces with 1 notch on E. and 4 notches on S edges. Land. Hilly Soil – Sandy 3d and 4th rate
	East on a random line bet. Secs 12 and 13 Va. 14° 40' E.
40.00	Set temporary 1/4 Sec. Cor.
80.78	Intersect east boundary of township 35 lks. S. of Cor. to Secs. 7, 12, 13 and 18 a mound heretofore by me described Thence S on

Subdivisions T 32 N. R 31 W. Continued

S 89° 45' W. on a true line bet. Secs. 12 and 13 with Same va.

40.39 Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18×18×12 ins. E & W. of Cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. In E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face

80.78 The Cor. to Secs. 11, 12, 13 and 14
Land — Hilly
Soil — Sandy 3d and 4th rate

Subdivisions T 32 N. R 31 W. Continued

North bet. Secs. 11 and 12 va. 13° 55' E.

40.00 Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18×18×12 ins. N & S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face

48.00 Leave hilly ground and enter slightly rolling second bottom of Niobrara Valley

80.00 Deposited Charred stake 12 ins. in the ground for Cor. to Secs. 1, 2, 11 and 12. dug pits 18×18×12 ins. in each Sec. 5½ ft. dist. and raised mound of earth 2 ft. high 4½ ft. base over it. In S.E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked

Subdivisions T32N. R31W. continued

T32N. S. 1 on N.E.
R31W. S. 12 on S.E.
S 11 on S.W. and
S 2 on N.W. faces with
1 notch on E. and 5 notches
on S. edges
Land—Rolling to hilly
Soil—Sandy 2d to 4th rate

East on a random line
Ost. Secs. 1 and 12
Va. 15° 00' E.

40.00 Set temporary 1/4 Sec. Cor.
80.40 Intersect East boundary of
township 6 l/ks. S. of Cor. to
Secs. 1. 6. 7 and 12 a mound
hardpan by me described
Thence S. run
S 89° 57' W. on a true line
Ost. Secs. 1 and 12 with Same Va.
40.20 Deposited charred Stake 12
ins. in the ground for 1/4 Sec.
Cor. dug pits 18 x 18 x 12 ins. E.

Subdivisions T32N. R31W. continued

W. of Cor. 5 1/2 ft. dist. and
raised a mound of earth
1 1/2 ft. high 3 1/2 ft. base over
it. In E. pit drove stake 2
ft. long 2 ins. Square 12 ins.
in the ground marked 1/4
S. on N. face
80.40 The Cor. to Secs. 1. 2. 11 and 12
Land—Rolling
Soil—Sandy Loam 2d
and 3d rate.

North on a true line
Ost. Secs. 1 and 2 to intersect
8th Standard Parallel
Va. 13° 55' E.
28.60 Black Hills road course
E and W.
40.00 Deposited charred Stake
12 ins. in the ground for 1/4
Sec. Cor. dug pits 18 x 18 x 12
ins. W x S. of Cor. 5 1/2 ft. dist.
and raised mound of earth

Subdivisions T 32 N. R 31 W. Continued

1½ ft. high 3½ ft. base over it. In N. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face

63.40 Enter low wet bottom con=taining Scattered Cottonwoods and pine.

77.00 Intersect 8th Standard Par=allel 9.90 chs. East of 1/4 Sec. Cor. on S. Boundary of Sec. 36 Town 33 N. of Range 31 West described at Page 24 At this point Deposited a charred Stake 12 ins. in the ground for Closing Cor. to Secs. 1 and 2 dug pits 18×18×12 ins S. E. and W. of Cor. 5½ ft. dist and raised a mound of earth 2 ft. high 4½ ft. Base over it. In E. pit drove a Stake 2 ft. long 2 ins Square 12 ins. in the ground marked

Subdivisions T 32 N. R 31 W. Continued

C. C. T 32 N. R 31 W. on S. S 1 on E. and S 2 on W. faces with 1 notch on E. and 6 notches on W. face

Land — Rolling & hilly and broken

Soil — Sandy and Sandy loam — 2d 3d and 4th rate

Timber — Cottonwood pine with some willow under=growth 14.30 chs.

April 25th. 1882.

Subdivisions T32 N. R31 W. Continued

From the Cor. to Secs. 2, 3, 34 and 35 on the South boundary of the township a mound with Stake in pit heretofore by me described I run
North bet. secs. 34 and 35
Va. 13° 55' E.

40.00 Deposited a charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18×18×12 ins N. & S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on W. face

80.00 Deposited charred Stake 12 ins. in the ground for Cor. to Secs. 26, 27, 34 and 35 dug pits 18×18×12 ins. in each Sec. 5½ ft. dist. and raised a mound

Subdivisions T32 N. R. 31 W. Continued

of earth 2 ft. high 4½ ft. base over it.
In S.E. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked
T32 N. S. 26 on NE.
R31 W. S 35 on SE.
S 34 on SW. and
S 27 on NW. faces with 2 notches on E. and 1 notch on S. edge
Land – Rolling to hilly
Soil – Sandy 3d and 4th rate

East on a random line bet. Secs. 26 and 35.
Va. 13° 55' E.

40.00 Set temporary 1/4 Sec. Cor.

79.90 Intersect N and S. line 24 lks. S. of Cor. to Secs. 25 26, 35 and 36
Thence I run
S 89° 50' W. on a true line

Subdivisions T 32 N. R 31 W. continued

39.95	Bet. Secs. 26 and 35 with Same Va. Deposited a Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18×18×12 ins E & W. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it.
	On E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
79.90	The Cor. to Secs. 26. 27. 34 and 35. Land – Rolling and hilly Soil – Sandy 3d and 4th rate
	North bet. Secs. 26 and 27. Va. 13° 55' E.
10.00	Plum Creek Canon 1 ch wide and about 40 ft. deep Course E. and W.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18×18×12 ins

Subdivisions T 32 N. R 31 W. continued

	N and S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it
	On North pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
80.00	Deposited Charred Stake 12 ins. in the ground for Cor. to Secs. 22. 23. 26 and 27, dug pits 18×18×12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it.
	On S E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 32 N. S. 23 on N E. R 31 W. S. 26 on S E. S 27 on S W. and S 22 on N W. faces with 2 notches on each of E and S edges
	Land – Hilly rolling

Subdivisions T32N. R31W. continued

Chains	
	and broken Soil - Sandy 3d and 4th rate
	East on a random line bet. Secs. 23 and 26. Va. 13° 55' E.
40.00	Set temporary 1/4 Sec. Cor,
80.14	Intersect N. and S. line at Cor. to Secs. 23. 24. 25 and 26.
	Thence I run West on a true line bet. Secs. 23 and 26 with Same Va.
40.07	Deposited charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18x18x12 ins. E and W. of Cor. 5½ ft. dist and raised a mound of earth 1½ ft. high 3½ ft. base over it. In E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.14	The Cor. to Secs. 22. 23. 26 and 27. Land - Rolling hilly

Subdivisions T32N. R31W. continued

Chains	
	and broken Soil - Sandy 3d and 4th rate
	North bet. Secs. 22 and 23 Va. 13° 55' E.
40.00	Deposited charred stake 12 ins. in the ground for 1/4 Sec. Cor, dug pits 18x18x12 ins. N. and S. of Cor 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In North pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
80.00	Deposited charred Stake 12 ins. in the ground for Cor. to Secs. 14. 15. 22 and 23. dug pits 18x18x12 ins. in each Sec. 5½ ft. dist. and raised mound of earth 2 ft. high 4½ ft. base over it. In SE. pit drove stake 2

Subdivisions T 32 N. R 31 W. continued.

Chains	
	ft. long 2 ins. Square 12 ins. in the ground marked T 32 N. S. 14 on NE. R 31 W. S. 23 on SE. S 22 on SW. and S 15 on NW. faces with 2 notches on E. and 3 notches on S edges.
	Land – Hilly and broken Soil – Sandy 3d and 4th rate.
	East on a random line bet. Secs. 14 and 23. Va. 13.° 55' E.
40.00	Set temporary 1/4 Sec. Cor.
81.32	Intersect Grand R. line 23 lks. S. of Cor. to Secs. 13. 14. 23 and 24
	Thence Run S 89.° 30' W. on a true line bet. secs. 14 and 23 with Same va.
40.16	Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18x18x12 ins. E. and W.

Subdivisions T 32 N. R 31 W. continued

Chains	
	of Cor. 5 1/2 ft. dist. and raises a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it.
	In E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.32	The Cor. to Secs. 14. 15. 22 and 23.
	Land – Hilly and broken
	Soil – Sandy 3d and 4th rate
	North bet. Secs. 14 and 15 – va 13.° 55' E.
40.00	Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18x18x12 ins N. and S. of Cor. 5 1/2 ft. dist. and raises a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it.
	In N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face

Subdivisions T32N. R31W. Continued

Chains	
80.00	Deposited charred stake 12 ins. in the ground for Cor. to Secs. 10. 11. 14 and 15 dug pits 18X18X 12 ins. in each sec, 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. On S.E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 32 N. S. 11 on N.E. R 31 W. S. 14 on S.E. S 15 on S.W. and S 10 on N.W. faces with 2 notches on E. and 4 notches on S edges Land – Hilly and rolling Soil – Sandy 3d and 4th rate

Subdivisions T32N. R31W. Continued

Chains	
	East on a random line Bet. Secs 11 and 14 Va. 13.° 55' E.
40.00	Set temporary 1/4 Sec. Cor.
80.26	Intersect N. and S. line 7/5 lks. S. of Cor. to Secs. 11, 12, 13 and 14 Thence Down S 89.° 28' W. on a true line Bet. Secs. 11 and 14 with Same Va.
40.13	Deposited a Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18X18X12 ins. E. and W. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. On E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.26	The Cor. to Secs. 10. 11. 14 and 15 Land. Rolling and hilly Soil – Sandy 3d and 4th rate

Subdivisions T 32 N. R 31 W. Continued

Chains.	
	North bet. Secs. 10 and 11 Va. 13° 55' E.
40.00	Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cr. dug pits 18×18×12 ins. N. and S. of Cr. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. On N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face.
60.00	Leave sand hills and enter Niobrara valley Ascend bottom bears S W and N E.
80.00	Deposited charred stake 12 ins. in the ground for Cr. b. Secs. 2. 3. 10 and 11. dug pits 18×18×12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. On S E. pit drove stake 2

Subdivisions T 32 N. R 31 W. Continued

Chains	
	ft. long 2 ins Square 12 ins. in the ground marked T 32 N. S. 2 on N E. R 31 W. S. 11 on S E. S 10 on S W. and S 3 on N W. faces with 2 notches on E. and 5 notches on S. edge Sand- Rolling to hilly Soil — Sandy Bt and 4th Rate
	East on a random line bet. Secs. 2 and 11 Va. 13° 55' E.
40.00	Set temporary 1/4 Sec. Cr.
79.62	Intersect N. and S. line 48 lks. S. of Cr. b Secs. 1, 2, 11 and 12 Thence Runs S 89° 39' W. on a true line bet. Secs 2 and 11 with Same Va.
39.81	Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cr. dug pits 18×18×12 ins, E. and W.

Subdivisions T 32 N. R 31 W. continued

of Cor. 5½ ft. dist and raised a mound of earth 1½ ft. high 3½ ft. base over it.
In E. pit drove stake 2 ft. long 2 ins. square 1.2 ins. in the ground marked 1/4 S. on N. face.

79.62 The Cor. to Secs. 2. 3. 10. and 11
Land – Rolling
Soil – Sandy loam 2d and 3d rate

North on a true line bet. Secs. 2 and 3 to intersect 8th Standard Parallel
Var. 13.° 55 ' E.

46.00 Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cr. dug pits 18 X 18 X 12 ins. N. and S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it.
In N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in

Subdivisions T 32 N. R 31 W. continued

Chains

the ground marked 1/4 S. on W. face

42.50 Black Hills road course SE. and W.

78.34 Intersect 8th Standard Parallel 10.67 Chs. E. of 1/4 Sec. Cor. on South boundary of Sec. 35 T 33 N. R 31 W. described at Page 21.
at intersection deposited Charred Stake 12 ins. in the ground for Closing Cor. to Secs. 2 and 3 dug pits 18 X 18 X 12 ins. S. E. and W. of Cor. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it.
In E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked C. C. T 32 N. R 31 W. on S. 2 on E. and S 3 on W. faces with 2 notches on E. and 4

Subdivisions T32 N. R31 W. continued

notches on W. faces
Land — Rolling
Soil — Second bottom
Sandy loam 2d and 3d rate
April 29, 1882

Subdivisions T32 N. R. 31 W. continued

Chains

From the cor. to Secs 3, 4, 33 and 34 and S bound any of Twp 32 N. R. 31 W. heretofore by me descrobed I run

North bet. Secs. 33 and 34
va. 13°. 55' E.

40.00 Deposited a charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18×18×12 ins. N & S. of cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face

80.00. Deposited a charred stake 12 ins. in the ground for cor. to Secs. 27. 28. 33 and 34, dug pits 18×18×12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it.

In S E. pit drove a stake 2 ft. long 2 ins. Square 12 ins.

Subdivisions T 32 N. R 31 W. continued

Chains	
	in the ground marked T 32 N. S. 27 on NE. R 31 W. S 34 on SE. S 33 on SW. and S 28 on NW. faces with 3 notches on E. and 1 notch on S. edge
	Land - Hilly and broken
	Soil - Sandy 3d and 4th rate
	East on a random line bet. Sec cs. 27 and 34 Va. 13° 55' E.
40.00	Set temporary 1/4 Sec. Cor.
80.28	Intersect N. and S line 15 lks W. of Cor. to Secs. 26, 27, 34 and 35
	Thence I run N. 89° 54' W. on a true line bet. Sec cs. 27 and 34 with Same Va.
40.14	Deposited a charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. E. and W. of Cor. 5 1/2 ft. dist. and

Subdivisions T 32 N. R. 31 W. continued

Chains	
	raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. On E. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on N. face
80.28	The Cor. to Secs. 27, 28, 33 and 34
	Land - Hilly and broken
	Soil - Sandy 3d and 4th rate
	North bet. Sec cs. 27 and 28 Va. 13° 55' E.
4.30	Plum Creek valley 3 chs. wide
40.00	Deposited a charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. N. and S. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. On N. pit drove stake 2 ft. long 2 ins. square 12 in. in the ground marked 1/4 S. on N. face

Subdivisions T 32 N. R 31 W. continued

Chains	
80.00	Deposited a Chained stake 12 ins. in the ground for cor. to Secs. 21, 22, 27 and 28. dug pit 18×18×12 ins. in each Sec. 0'2 ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. Bn SE. pit drive stake 2 ft. long 2 ins. Square 12 ins. in the ground marked. T 32 N. S 22 on SE. R. 31 W. S. 27 on SE. S 28 on SW. and S 21 on NW. faces with 3 notches on E. and 2 notches on S. edges
	Land - Hilly and rolling
	Soil — Sandy 3rd and 4th rate

Subdivisions T 32 N. R 31 W. continued

Chains	
	East on a random line bet. Secs. 22 and 27 Var. 19° 55' E.
40.00	Set temporary ¼ Sec. Cor.
80.50	Intersect N. and S. line 53 lks. N. of Cor. to Secs. 22, 23, 26 and 27.
	Thence Run N 89° 37' W. on a true line bet. Secs. 22 and 27 with same Var.
40.20	Deposited Chained stake 12 ins. in the ground for ¼ Sec. Cor. dug pit 18×18×12 ins. E. and W. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. Bn E. set drive stake 2 ft. long 3 ins. Square 12 ins. in the ground marked ¼ S. on N. face
80.50	The Cor. to Secs. 21, 22, 27 and 28
	Land — Hilly and broken
	Soil - Sandy 3rd and 4th rate

Subdivisions T 32 N. R 31 W. Continued

Chains	
	North bet. Secs. 21 and 22 Va. 13° 55' E.
40.00	Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18x18x12 ins. N. and S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In S. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face.
80.00	Deposited Charred stake 12 ins. in the ground for Cor. to Secs. 15, 16, 21 and 22, dug pit 18x18x12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. In SE. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 32 N. S. 15 on S E. R 31 W. S 22 on S E S 21 on S W. and

Subdivisions T 32 N. R. 31 W. Continued

Chains	
	S 16 on N W. faces with 3 notches on each of S and E. edges Land — Hilly and rolling Soil — Sandy 3d and 4th rate
	East on a random line bet. Secs. 15 and 22 Va. 13° 55' E.
40.00	Pt temporary 1/4 Sec. Cor.
80.46	Intersect N. and S. line 5 lks. S. of Cor. to Secs. 14, 15, 22 and 23.
	Thence Run S 89° 58' W. on a true line bet. Secs. 15 and 22 with same Va.
40.23	Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18x18x12 ins. E. and W. of Cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. In E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the

Subdivisions T 32 N. R. 31 W. Continued

Chains	
80.46	ground marked 1/4 S. on N. face The cor. to Secs 15, 16, 21 and 22 Land - Hilly and rolling Soil - Sandy 3d and 4th rate
	North between crs. 15 and 16 Va. 13° 55' E.
46.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cr. dug pits 18 x 18 x 12 ins. N. and S. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. Set N. pit drove stake 2 ft. long 2" ins. Square 12 ins. in the ground marked 1/4 S. on W. face.
80.00	Deposited Charred stake 12 ins. in the ground for cor. to Secs. 9, 10, 15 and 16 dug pits 18 x 18 x 12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base over it. Set S E. pit drove a

Subdivisions T 32 N. R 31 W. Continued

Chains	
	Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 32 N. S 10 on N E. R 31 W. S 15 on S E. S 16 on S W. and S 9 on N W. faces with 3 notches on E. and 4 notches on S. edges. Sand Hills & rocky Soil Sandy 3rd & 4th rate
	East on a random line bet. Secs. 10 and 15. Va. 13° 55' E.
40.00	Set temporary 1/4 Sec. Cor.
80.36	Intersect N. and S. line 40 lks. N. of Cor. to Secs. 10, 11, 14 and 15 Thence I run N. 89° 43' W. on a true line bet. Secs. 10 and 15 with same va.
40.18	Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. E and W. of Cor. 5 1/2 ft. dist. and raised a mound of earth

Subdivisions T 32 N. R. 31 W. continued

Chains	
	1½ ft. high 3½ ft. base over it. On E. pit down stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S, on N. face
80.36	The cor. to Secs. 9, 10, 15 and 16. Land — Hilly and broken Soil — Sandy 3d and 4th rate
	North bet. Secs. 9 and 10 Do 13° 00' E.
40.00	Deposited charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. N. and S. of cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. On N. pit down stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on N. face
80.00	Deposited a charred stake 12 ins. in the ground for Cor. to Secs. 3, 4, 9 and 10 dug pits

Subdivisions T 32 N. R. 31 W. continued

Chains	
	18 x 18 x 12 ins. in each sec. 5½ ft. dist. and raised mound of earth 2 ft. high 4½ ft. base over it. On SE. pit down stake 2 ft. long 2 ins. square 12 ins. in the ground marked T 32 N. S 3 on SE. R 31 W. S 10 on SE. S 9 on SW. and S 4 on NW. faces with 3 notches on E. and 5 notches on S edges Land Hilly to rolling Soil Sandy 3d and 4th rate
	East on a random line bet. Secs. 3 and 10. Do. 13° 00' E.
40.00	Set temporary 1/4 Sec. Cor.
80.34	Intersect N. and S. line 38 lks. S. of the Cor. to Secs. 2, 3, 10 and 11
	Thence S ran

Subdivisions: T 32 N. R 31 W. Continued

Chains	
	S 89° 48' W. on a true line bet. secs. 3 and 10 with same va.
40.17	Deposited Charred stake 12 ins in the ground for 1/4 Sec. Cr. dug pit 18 x 18 x 12 ins. E. and W. of Cr. 5½ ft. dist. and raised a mound of earth 1½ ft high 3½ ft. base over it. In E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.34	The Cr. of Secs. 3, 4, 9 and 10. Land - Rolling Soil - Sandy 2d and 3d rate
	North on a true line bet Secs 3 and 4 to intersect 8th Standard Parallel Va. 13° 55' E.
40.00	Deposited Charred stake 12 ins. in the ground for 1/4 Sec Cor. dug pits 18 x 18 x 12 ins. N. and S. of Cor. 5½ ft. dist. and

Subdivisions T 32 N. R 31 W. Continued

Chains	
	raised a mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
72.30	Black Hills road bears E and W.
79.10	Intersect the 8th. Standard Parallel 10.32 chs. E. of 1/4 Sec. Cor. on S. boundary of Sec. 34 T 33 N. R 31 W., at this point (described at page 23) Deposited Charred Stake 12 ins. in the ground for Closing Cor. to Secs. 3 and 4 dug pits 18 x 18 x 12 ins. S. E. and W. of Cor. 5½ ft. dist and raised a mound of earth 2 ft. high 4½ ft. base over it. In E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked C. C. T 32 N. R 31 W. on S. S 3 on E. and

Subdivisions T32N, R31W, continued

Chains	
	S4 on W. face with 3 notches on E. and W. faces Land – Gently rolling Soil – Sandy loam 2d and 3d rate. May 1, 1882

Subdivisions T32N, R31W. continued

Chains	
	From the cor. to Secs. 4, 5, 32 and 33 on the South boundary of the township heretofore by me described I run North bet. Secs. 32 and 33 Va. 13° 55' E.
8.00	Leave sand hills and enter valley bearing E. and W.
40.00	Deposited charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18x18x12 ins. N. and S. of Cor. 5½ ft. dist. and raised mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on W. face
43.00	Leave valley bearing E & W. and enter hilly ground
80.00	Deposited charred stake 12 ins. in the ground for Cor. to Secs. 28, 29, 32 and 33, dug

Subdivisions T 32 N. R 31 W. Continued

Chains	
	pits 18×18×12 ins. in each sec. 3½ ft. dist. and raised mound of earth 2 ft. high 4½ ft. base over it. On S E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 32 N. S. 28 on S E, R 31 W, S 33 on S E, S 32 on S W, and S 29 on N W, faced with 4 notches on E, and 1 notch on S. edge
	Land. from gently rolling to hilly
	Soil — Sandy 3d and 4th rate
	East on a random line bet. sec. 28 and 33. Va. 13° 55' E.
40.00	Set temporary ¼ Sec. Cor.
80.38	Intersect N. and S. line at the cor. to Secs 27, 28, 33 and 34. Thence I run

Subdivisions T 32 N. R 31 W. continued

Chains	
	West on a true line bet. sec cs. 28 and 33 with same va,
40.19	Deposited charred stake 1½ ins. in the ground for ¼ Sec, Cor. dug pits 18×18×12 ins. E and W. of Cor. 3½ ft dist and raised a mound of earth 1½ ft. high 3½ ft. base over it. On E, pit. drove a stake 2 ft. long 2 ins. Square 12 ins, in the ground marked ¼ S. on N. face
80.38	The cor. to Secs. 28, 29, 32 and 33, Lands — Hilly Soil — Sandy 3d and 4th rate
	North bet. sec cs. 28 and 29. Va. 13° 55' E.
3.50	Plum Creek valley 3 chs. wide bears E and W.
40.00	Deposited a charred Stake 12 ins. in the ground for ¼ sec. Cor. dug pits 18×18×12 ins

Subdivisions T 32 N. R 31 W. Continued

Chains	
	N. and S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. Dug N. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on W. face
80.00	Deposited Charred stake 12 ins. in the ground for Cor. to Secs. 20, 21. 28 and 29; dug pits 18X18 X12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. Dug S E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 32 N. S. 21 on N E. R 31 W. S 28 on S E. S 29 on S W. and S 20 on N W. faces with 4 notches on E. and 2 notches on S edges
	Land — Hilly

Subdivisions T 32 N. R 31 W. Continued

Chains	
	Soil — Sandy, 3rd and 4th rate
	East on a random line bet. Secs 21 and 28 Va. 13° 55' E.
40.00	Set temporary 1/4 Sec. Cor.
80.10	Intersect N. and S. line 53 lks. N. of Cor. to Secs 21, 22, 27 and 28
	Thence N 89° 34½ W. on a true line bet. Secs. 21 and 28 with same Va.
40.05	Deposited a charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 X 18 X 12 ins. E. and W. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it, Dug E. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.10	The Cor. to Secs. 20, 21, 28 and 29.
80.10	Land — Hilly

Subdivisions T 32 N. R. 31 W. continued

Chains	
	Soil — Sandy 3d and 4th rate
	North bet. secs. 20 and 21 Va. 13° 5' E.
40.00	Deposited a hard stake 12 ins. in the ground for 1/4 Sec. Cor. dug pit 18x18x12 ins. N. and S. of cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. On N. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on W. face
80.00	Deposited a hard stake 12 ins. in the ground for cor. to Secs. 16, 17, 20 and 21, dug pits 18x18x12 ins. in each dist. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. On S E. pit drove Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked

Subdivisions T 32 N. R. 31 W. continued

Chains	
	T 32 N. S 16 on N E. R 31 W. S. 21 on S E. S 20 on S W. and S 17 on N W. with 4 notches on E. and 3 notches on S. edges
	Land — Rolling and hilly Soil Sandy 3d and 4th rate
	East on a random line bet. Secs. 16 and 21 Va. 13° 55' E.
40.00	Set temporary 1/4 Sec. Cor.
80.16	Intersect N. and S. line 5.85 lks. N. of Cor. to Secs 15, 16, 21 and 22
	Thence Draw
	S 89° 36' W. on a true line bet. Secs. 16 and 21 with Same Va.
40.08	Deposited a Charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18x18x12 ins. E. and W. of cor. 5½ ft. dist. and raised a mound of

Subdivisions T 32 S. R 31 W. Continued

Chains	
	earth 1½ ft. high 3½ ft. base over it. Sw E. pit drove stake 2 ft. long 2 ins. Square 1/2 ins. in the ground marked 1/4 S. on S. face
80.16	The cor. to Secs. 16, 17, 20 and 21 Land – Hilly Soil – Sandy 3d and 4th rate
	North bet. Secs. 16 and 17 Va. 13° 55' E.
40.11	Deposited charred stake 1/2 ins. in the ground for 1/4 Sec. Cor. dug pits 18x18x12 ins. N. and S. of cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. On S. pit drove stake 2 ft. long 2 ins. Square 1/2 ins. in the ground marked 1/4 S. on W. face
80.00	Deposited charred stake 1/2 ins. in the ground for Cor. to

Subdivisions T 32 S. R 31 W. Continued

Chains	
	Secs. 8, 9, 16 and 17, dug pits 18x18x12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. On SE. pit drove stake 2 ft. long 2 ins. Square 1/2 ins. in the ground marked T 32 S. S. 9 on NE. R. 31 W. S 16 on SE. S 17 on SW. and S 8 on NW. faces with 4 notches on E. and S. edges Land – Hilly Soil – Sandy 3d and 4th rate
	East on a random line bet. Secs. 9 and 16 Va. 13° 55' E.
40.00	Set temporary 1/4 Sec. Cor.
80.10	Intersect N. and S. line 48 lks. N. of cor. to Secs. 9, 10, 15 and 16
	Thence S. run S 89° 39' W. on a true line

Subdivisions T32N. R31W. continued

Chains	
	bet. secs. 9 and 16 with same va.
40.05	Deposited a charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18×18×12 ins. E. and W. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.10	The Cor. to Secs. 8, 9, 16 and 17
	Land — Hilly
	Soil — Sandy 3d and 4th rate
	North bet. secs. 8 and 9.
	va. 13° 55' E.
40.00	Deposited a charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18×18×12 ~~ins. in~~ N & S of Cor. ~~each sec.~~ 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove stake 2 ft.

Subdivisions T32N. R31W. continued

Chains	
	long 2 ins. square 12 ins. in the ground marked 1/4 S. on W. face.
80.00	Deposited a charred stake 12 ins. in the ground for Cor. to Secs. 4, 5, 8 and 9, dug pits 18×18×12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. In S.E. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked T32N. S. 4 on NE. R31W. S 9 on SE. S 8 on SW. and S 5 on NW. faces with 4 notches on E. and 5 notches on S. edges
	Land — Hilly and rolling
	Soil — Sandy 3d and 4th rate

Subdivisions T 32 N. R 31 W. continued

Chains	
	East on a random line bet. Secs. 4 and 9. Va. 13° 55' E.
40.00	Set temporary 1/4 Sec. Cor.
79.96	Intersect N. and S. line 75 lks. N. of Cor. to Secs. 3, 4, 9 and 10
	Thence E. on S. 89° 28' W. on a true line bet. Secs. 4 and 9 with same Va.
39.98	Deposited a charred stake 1/2 in. in the ground for 1/4 Sec. Cor. dug pits 18x18x12 ins E. and W. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. Im E. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on N. face
79.96	The Cor. to Secs. 4, 5, 8 and 9 Land — Rolling Soil — Sandy loam 2d and 3d rate.

Subdivisions T 32 N. R 31 W. continued

Chains	
	North on a true line bet. Secs. 4 and 5 to intersection with 8th Standard Parallel Va. 13° 55' E.
5.00	Enter gently rolling and nearly level ground 2d bottom in Niobrara River Valley
40.00	Deposited Charred stake 1/2 ins. in the ground for 1/4 Sec. Cor. dug pits 18x18x12 ins. N. and S. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. Im N. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on W. face
79.80	Intersect the 8th Standard Parallel 9.86 Chs. E. of 1/4 Sec. Cor. on S. boundary of Sec. 33 T 33 N. R 31 W. described at Page 18 at intersection Deposited a charred stake 1/2 inches in the ground for

Subdivisions T32 N. R 31 W. continued

Chains	
	closing Cor. to Secs. 4 and 5, dug pits 18×18×12 ins. S. E. and W. of Cor. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. Iron E. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked, C. C. T32 N. R31 W. on S. S 4 on E. and S 5 on W. faces with 4 notches on E. and 2 notches on W. faces.
	Land - Gently rolling & nearly level.
	Soil - Sandy loam 2d and 3d rate.
	May 2. 1882

Subdivisions T32 N. R 31 W. continued

Chains	
	From the Cor. to Secs. 5, 6, 31, and 32 heretofore by me described on the South boundary of the township I run
	North 80 ch. to cor. 31 and 32 Var. 19.° 55' E.
40.00	Deposited Charred stake 12 ins. in the ground for ¼ Sec. cor, dug pits 18×18×12 ins. N. and S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. Iron N. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked ¼ S. on W. face
80.00	Deposited a charred stake 12 ins. in the ground for Cor. to Secs. 29. 30 31 & 32 dug pits 18×18×12 ins. in each Sec. 6½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. Iron SE. pit drove a stake 2 ft. long 2 ins. Square 12 ins.

Subdivisions T 32 N. R. 3 W. Continued.

Chains	
	in the ground marked T 32 N, S 29 on NE, R 3 W, S 32 on SE, S 31 on SW, and S 30 on NW, faces with 5 notches on E. and 1 notch on S. edge. Sand - Hilly and broken Soil - Sandy 3' and 4 to mile
	East on a random line bet. Secs. 29 and 32, Va 13° 55' E.
40.00	Set temporary 1/4 Sec. Cor.
80.00	Intersect N. and S. line at the Cor. to Secs, 28, 29, 32 and 33. Thence S run West on a true line bet. secs. 29 and 32 with Same va.
40.00	Deposited a charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. E. and W. of Cor. 5 1/2 ft. dist. and

Subdivisions T 32 N. R 3 W. Continued

Chains	
	raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. On E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S, on S. face
80.00	The Cor. to secs. 29, 30, 31 and 32 Sand - Hilly Soil - Sandy 3' and 4 rate
	West on a random line bet. Secs. 30 and 31 Va. 13° 55' E.
40.00	Set temporary 1/4 Sec. Cor.
65.66	Intersect the West boundary of the township 18 chs S. of Cor. to Secs. 30 and 31 heretofore by me described. Thence S run S 89° 57' E. on a true line bet. Secs. 30 and 31 with Same va.
25.66	Deposited a charred stake 12 ins. in the ground for 1/4 Sec.

Subdivisions T 32 N. R 31 W. continued

Chains	
	Cor. dug pits 18×18×12 ins. E, and W. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In E. pit drove a stake 2 ft. long 2 ins. Square. 12 ins. in the ground marked 1/4 S. on N. face
66.66	The Cor. to Secs. 29. 30. 31 and 32
	Land — Hilly
	Soil — Sandy 3 and 4th rate —
	North bet. Secs. 29 and 30. Var. 13° 55' E.
40.00	Deposited Charred Stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18×18×12 ins. N. and S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. In S. pit drove a stake 2 ft. long 2 ins. Square

Subdivisions T 32 N. R 31 W. continued

Chains.	
	12 ins. in the ground marked 1/4 S. on W. face
42.00	Plum Creek Valley 8 chs. wide Course E. and W. no channel perceptible
80.00	Deposited a charred stake 12 ins. in the ground for Cor. to Secs. 19. 20. 29 and 30. dug pits 18×18×12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. In S.E. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 32 N. S 20 on N.E. R 31 W. S. 29 on S.E. S 30 on S.W. and S 19 on N.W. faces with 2 notches on S. and 5 notches on E. faces.
	Land - Hilly and rolling
	Soil — Sandy 3 and 4th rate

Subdivisions T 32 N. R 31 W. continued

Chains	
	East on a random line bet. Secs. 20 and 29 Va. 13° 55' E
40.00	Set temporary 1/4 Sec. Cor.
80.06	Intersect N. and S. line 19 lks. S. of Cor. to Secs. 20, 21, 28 and 29. Thence S and S 89° 52' W, on a true line bet. Secs. 20 and 29 with Same Va,
40.03	Deposited a charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18x18x12 ins. E and W. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it, In E. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face.
80.06	The Cor. to Secs. 19. 20. 29 and 30. Land — Hilly Soil — Sandy 3d and 4th rate

Subdivisions T 32 N. R 31 W. continued

Chains.	
	West on a random line bet. Secs 19 and 30 Va. 13° 55' E.
40.00	Set temporary 1/4 Sec. Cor.
66.10	Intersect the west boundary of township 2 lks N. of Cor. to Secs. 19 and 30 heretofore by me described Thence I run N 89° 48' E. on a true line bet. Secs. 19 and 30 with Same Va.
26.10	Deposited a charred stake 12 ins. in the ground for 1/4 Sec Cor dug pits 18x18x12 ins. E and W of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In E. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on N. face
66.10	The Cor. to Secs. 19. 20. 29 and 30 Land — Hilly Soil — Sandy 3d and 4th rate

Subdivisions T32 N. R31 W. Continued

Chains	
	North bet. Secs. 19 and 20 Dec. 13° 55' E.
40.00	Deposited a charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18x18x12 ins. N. and S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. Inscribed stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face.
80.00	Deposited Charred stake 12 ins. in the ground for Cor. to Secs. 17, 18, 19 and 20, dug pits 18x18x12 ins. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. Inscribed SE. pit down a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T32 N. S. 17 on N.E. R31 W. S. 20 on S.E.

Subdivisions T32 N. R31 W. Continued.

Chains	
	S 19 on S.W. and S 18 on N.W. faces with 5 notches on E. and 3 notches on S. edges. Land - Hilly Soil - Sandy 3d and 4th rate.
	East on a random line bet. Secs. 17 and 20 Dec. 13° 55' E.
40.00	Set temporary 1/4 Sec. Cor.
79.86	Intersect N. and S. line 20 lks. S. of the Cor. to Secs. 16, 17, 20 and 21.
	Thence N. run S 89° 05' W. on a true line bet Secs. 17 and 20 with same var.
39.93	Deposited a charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18x18x12 ins. E. and W. of Cor. 5½ ft. dist. and raised a mound of earth

Subdivisions T32 N. R31 W. continued

Chains	
	1½ ft. high 3½ ft. base. In E. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on N. face
79.86	The cor. to Secs. 17, 18, 19 and 20. Land — Hilly Soil — Sandy 3d and 4th rate
	West on a random line bet. Secs. 18 and 19. Va 13° 55' E.
40.00	Set temporary 1/4 sec. cor.
66.50	Intersect the west boundary of the township 51 lks. S. of the cor. to Secs. 18 and 19. Therefore by me described Thence I run S 89° 34' E. on a true line bet. Sec. 18 and 19 with same va.
26.50	Deposited charred stake 12 ins in the ground for 1/4 Sec. cor. dug pits 18×18×12 ins E. and W. of cor. 5½ ft. dist. and

Subdivisions T32 N. R. 31 W. continued

Chains	
	raised mound of earth 1½ ft high 3½ ft. base over it. In E. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on N. face
66.50	The cor. to Secs. 17, 18, 19 and 20. Land — Hilly Soil — Sandy 3d and 4th rate
	North bet. Secs. 17 and 18. Va. 13° 55' E.
40.00	Deposited charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18×18×12 ins. N. and S. of cor. 5½ ft. dist and raised a mound of earth 1½ ft. high 3½ ft. base over it. In N. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked 1/4 S. on W. face
80.00	Deposited a charred stake 12

Subdivisions T 32 N. R 31 W. continued

Chains	
	ins. in the ground for cor. to Secs. 7. 8. 17 and 18, dug pits 18×18×12 ins. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. high 4½ ft. base over it. In S.E. pit drove a Stake 2 ft. long 2 ins. Square 12 ins. in the ground marked T 32 N. S. 8 on N.E. R 31 W. S 17 on S.E. S 18 on S.W. and S 7 on N.W. with 5 notches on E. and 4 notches on S. edges. Land — Hilly Soil — Sandy 3 and 4th rate May 3. 1882

Subdivisions T 32 N. R 31 W. continued

Chains	
	East on a random line bet. secs. 8 and 17 Va. 13° 55' E.
40.00	Set temporary ¼ sec. cor.
80.32	Intersect N. and S. line 10 lks. S. of cor. to Secs. 8, 9, 16 and 17. Thence I run S 89° 56' W on a true line bet. secs. 8 and 17 with same Va.
40.16	Deposited charred stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18×18×12 ins. E. and W. of cor. 5½ ft. dist and raised a mound of earth 1½ ft. high 3½ ft. base over it. In E. pit drove stake 2 ft. long 2 ins. square 12 ins. in the ground marked ¼ S. on N. face
80.32	The cor. to Secs. 7, 8, 17 and 18 Land — Hilly Soil — Sandy 3 and 4th rate

Subdivisions T32 N. R 31 W. Continued.

Chains	
	West on a random line bet. Secs. 7 and 18. Va. 13.° 55' E.
40.00	Set temporary 1/4 Sec. Cor.
66.69	Intersect the W. boundary of the township 40 lks. S. of Cor. to Secs. 7 and 18 heretofore by me described. Thence I run S 89.° 39' E. on a true line bet. Secs. 7 and 18 with same Va.
26.69	Deposited a charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. E. and W. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In E. pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on S. face
66.69	The Cor. to Secs 7. 8. 17 and 18 Land - Hilly

Subdivisions T 32 N. R 31 W. Continued

Chains	
	Soil - Sandy Land Timber
	North bet. Secs. 7 and 8 Va. 13.° 55' E.
40.00	Deposited Charred stake 12 ins. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 ins. N. and S. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. In S. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on W. face
80.00	Deposited Charred stake 12 ins. in the ground for Cor. to Secs. 5, 6, 7 and 8 dug pits 18 x 18 x 12 ins. in each Sec. 5 1/2 ft. dist. and raised a mound of earth 2 ft. high 4 1/2 ft. base over it. In S E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground

Subdivisions T 32 N. R 31 W. continued

Chains	
	marked T 32 N. S. 5 on N.E. R 31 W. S 8 on S.E. S. 7 on S.W. and S 6 on N.W. with 5 notches on each of S. and E. edges Sand Rocky. Soil Sandy 3 4th rate
	East on a random line bet. Secs. 5 and 8 Va. 13° 55' E.
40.00	Set temporary 1/4 Sec. Cor.
80.00	Intersect N. and S. line 40 lks. S. of Cor. to Secs. 4 5, 8 and 9.
	Thence I run S 89. 43 W. on a true line bet. Secs. 5 and 8 with same Va,
40.00	Deposited Chas'd stake 12 ins. in the ground for 1/4 Sec Cor. dug pits 18x18x12 ins. E. and W. of Cor. 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high 3 1/2 ft. base over it. Ins E.

Subdivisions T 32 N. R 31 W. continued

Chains	
	pit drove a stake 2 ft. long 2 ins. Square 12 ins. in the ground marked 1/4 S. on N. face
80.00	The Cor. to Secs. 5, 6, 7 and 8 Sand - Rolling & hilly Soil - Sandy 3rd and 4th rate
	West on a random line bet. Secs. 6 and 7. Va. 13° 55' E.
40.00	Set temporary 1/4 Sec. Cor.
66.96	Intersect the W. boundary of the township 58 lks. S. of Cor. to Secs. 6 and 7 hereto= =fore by me described
	Thence I run S 89° 30' E. on a true line bet. secs. 6 and 7 with same Va,
26.96	Deposited a chas'd stake 12 ins. in the ground for 1/4 Sec. Cor, dug pits 18x18x12 ins. E. and W. of Cor. 5 1/2 ft. dist. and

Subdivisions T 32 N. R. 31 W. continued

Chains	
	raised a mound of earth 1½ ft. high 3½ ft. base over it. On E. pit drove a stake 2 ft. long 2 ins. square 12 ins. in the ground marked ¼ S. on N. face
66.96	The Cor. to Secs. 5, 6, 7 and 8. Sand — Rolling Soil — Sandy loam 2d and 3d rate.
	North on a true line bet Secs. 5 and 6, to intersect 8th Standard Parallel Va 13° 55' E.
40.00	Deposited Charred stake 12 ins. in the ground for ¼ Sec. Cor. dug pits 18 x 18 x 12 ins. N. and S. of Cor. 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base over it. On N. pit drove a stake 2 ft. long 2 ins. Square

Subdivisions T 32 N. R. 31 W. continued

Chains	
	12 ins. in the ground marked ¼ S. on N. face.
60.00	Enter second bottom in Stillwater River Valley
80.65	Intersect 8th Standard Parallel 9.17 Chs. E. of ¼ Sec. Cor. on south boundary of Sec. 32 T 33 N. R 31 W. described at page 18, at intersection
	Deposited a Charred stake 12 ins. in the ground for Closing Cor. to Secs. 5 and 6 dug pits 18 x 18 x 12 ins. S. E. and W. of Cor. 5½ ft. dist and raised mound of earth 2 ft. high 4½ ft. base over it. On E. pit drove stake 2 ft. long 2 ins. Square 12 ins. in the ground marked, T. C. 1/32 N. R 31 W. on S. S 5 on E. and S 6 on W. faces with 5 notches on E. and 1 notch

Subdivisions T32N. R31W. continued.

on W. face
Land-Rolling and nearly level
Soil-Sandy loam 2d and 3d rate.
May 4. 1882.

Meanders T32N. R31W.

Meanders of the Right bank of the Niobrara River down Stream.
I commence at the meander Cor., heretofore by me described, to fractional secs. 1 and 36 on the 8th Standard Parallel on the north boundary of this township.
Thence I run with meanders in fractional Sec. 1

Va. 13°55' E.

S42°E.	5.75 chs.	Banks. 3 to
S61°E.	4.00 "	12 ft. high
S83°E	6.40 "	
N62°E.	5.20 "	
N68°E	4.00 "	
N77¾E	3.30 "	
S40°E	6.00 "	at 5.20 chs. Spring
S66¼°E	3.00 "	branch 5 lks wide
S46°E	2.00 "	

Meanders T 32 N. R 31 W. continued

S 42¼° E. 8.30 chs.
S 62¼° E. 12.60 "
S 87¼° E 7.00 "
S 47½ ° E 6.60 " To meander
Cor. to fractional Secs. 1 and
6 on Range line bet. town=
=ships 32 & 33 Ranges 30 and
31 W.

Land - Level bottom to
somewhat broken
Soil - Sandy 2d and 3d rate
Timber Scattered Cotton=
=wood with some ash and
Willow and Plum under=
=brush

May 5, 1882,

Note - meanders run
with a W. and L. E. Gurley's
Railroad Compass.

Observation of Star Polaris

In consequence of the
elongations of Polaris ta=
=king place during day=
light I was unable to
take any observations except
as follows. On the evening
of May 2, 1882 took an
observation on the Star
Polaris when it was on
the meredian according
to the best available time
(the time at Fort Niobrara)
and on the following day
May 3, 1882 - found the
Va. of the meridian on said
line to be 13.° 53' E

General Description

There is very little va=
=riety in Surface or soil
in this township, the
principal part of it being
Sandy and hilly and at
some places broken, though
generally covered with a good
growth of grass of the differ=
=ent bunch varieties
The Animas River flows
through the NE. Corner in
a SE direction and furnishes
the only water to be found
The timber is confined
the valley of the river
and ravines leading there=
=to and is principally hard
& pitch pine and Cedar
with some Cottonwood
Scrubby ash and elm and
underbrush of willow
and plums There are
no settlements or

General Description. Concluded

improvements of any
Kind
Thomas Graham
U.S. Deputy Surveyor

Report.

I employed all my assistants on this township (T 32 N. R 9 W.) except compassman who immediately in the vicinity of the work and not knowing though making enquiry that there was an Officer duly authorized to administer oaths within one hundred miles, I, to save great delay and inconvenience administered the preliminary oaths. Discovering afterward that there was an U. S. Commissioner at Fort Yates where I had the final oaths administered by him

Respectfully Submitted
Thomas Graham
U. S. Deputy Surveyor.

Final oaths for Surveys

A list of the names of the in=
=dividuals employed by Thomas
Graham U. S. Deputy Surveyor
to assist in running measuring
and marking the lines and corners
described in the foregoing field
notes of the Survey of the Sub=di=
=vision and meander lines and se=
=Survey of exterior lines of Township
No. 32 north of Range No. 31 West,
of the Base line and Sixth Princi=
=pal Meredian in the State of
Nebraska Showing the respective
Capacities in which they acted
W. T. Richardson Compassman
Robert G. Baker Chainman
Joseph Smaha Chainman
George Henniger Axeman and mounduman
Harry W. Daniels axeman and mounduman
Lewis Nelson Flagman

Final oaths of assistants
We hereby Certify that we as=
=sisted Thomas Graham U. S.

Final oaths of assistants. Continued

Deputy Surveyor in Surveying all those parts or portions of the Sub=division and meander lines and resurvey of exterior lines of Townsh No. 32 of Range No. 31, all west of the Base line and West of the Sixth Principal Meredian in the State of Nebraska as are represented in the foregoing field notes as having been surveyed by him or 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 U.S. Surveyor General for the District of Nebraska and Iowa

W.T. Richardson Compassman
Robert G. Baker Chainman
Joseph Smaha Chainman
Harry W. Daniels axeman and mounman
George Henniger axeman and mounman

Final oaths of assistants, continued

Lewis Nelson. Flagman
Subscribed and Sworn to before me
this 8th day of May 1882
Charles V. Connell
U.S. Commissioner
District of Nebraska

Final oath of U.S. deputy Surveyor

I Thomas Graham a U.S. Deputy Surveyor do solemnly Swear that in pursuance of instructions received from George C. Smith U.S. Surveyor General for the District of Nebraska and Iowa bearing date the [illegible] day of June 1882 I have well

W.T. Richardson Compassman
Robert G. Baker Chainman
Joseph Smaha Chainman
Harry W. Daniels axeman
George Henniger axeman
Lewis Nelson Flagman

Final oaths of assistants, continued

Deputy Surveyor in Surveying all those parts or portions of the Sub=division and meander lines and resurvey of exterior lines of Township No. 32 of Range No. 31, all north of the Base line and West of the Sixth Principal Meridian in the State of Nebraska 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 [illegible]

W. T. Richardson Compassman
Robert G. Baker Chainman
Joseph Smaha Chainman
Harry W. Daniels axeman &
George Henniger axeman &
Lewis Nelson Flagman

Final oaths of assistants, continued

Lewis Nelson. Flagman
Subscribed and Sworn to before me this 8th day of May 1882
Charles H. Cornell
U. S. Commissioner
District of Nebraska

Final oath of U. S. Deputy Surveyor
I Thomas Graham U. S. Deputy Sur=veyor do solemnly swear that in pursuance of instructions received from George S. Smith U. S. Surveyor General for the District of Nebras=ka and Iowa bearing date of the 4th day of June 1882 I have well faithfully and truly in my own proper person and in strict conformity with the instructions furnished by the U. S. Surveyor General for Nebraska and Iowa the surveying manual and the laws of the United States surveyed all those parts portions of the Subdivision and meander lines and resurvey of exterior lines of

Final oath of U.S. Deputy Surveyor Con

Township No. 32 North of Ran
No. 31 West, of the Base line
Sixth Principal Meridian in
State of Nebraska as are rep
=sented in the foregoing field no
as having been surveyed by m
and under my directions; and I
further solemnly swear that all
the corners of said Survey have b
established and perpetuated in
Strict accordance with the
~~surveying~~ manual printed ins
=tions the special written instr
=tions of the U.S. Surveyor Genera
for Nebraska and Iowa and i
the Specific manner describ
in the field notes and that
foregoing are the true field
notes of such survey and Should
any fraud be detected I wil
suffer the penalty of perjury
under the provisions of an
act of Congress approved
August 8. 1846

Final oath of U.S. Deputy Surveyor, Continued

Thomas Graham
U.S. Deputy Surveyor

Subscribed and Sworn to before
me this 8th day of May 1882

Charles H. Cornell
U.S. Commissioner
District of Nebraska

Surveyor Generals Office
Plattsmouth Nebr
June 25th 1883

The foregoing field notes of the Survey of the Subdivision and retracing lines with meanders of Nishnabotna river through the Townships 32 N. R 39 W of the 6th Principal Meridian in Nebraska Executed by Thomas Graham under his contract bearing date June 14th 1883 having been critically examined, the necessary corrections and explanations made, the said field notes and the Survey they describe are hereby approved

D V Stephenson
Surveyor General

General Land Office • Original Field Notes

Book Number

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The images in this file are photographs of the notes of the original surveys of the State of Nebraska on file in the Office of the Nebraska State Surveyor located in Lincoln, Nebraska.

The original surveys in Nebraska began in the mid 1850's and were completed in the mid 1880's. The Nebraska office of the Surveyor General was closed June 30, 1886.