

GENERAL LAND OFFICE • ORIGINAL FIELD NOTES

BOOK NUMBER

749

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.

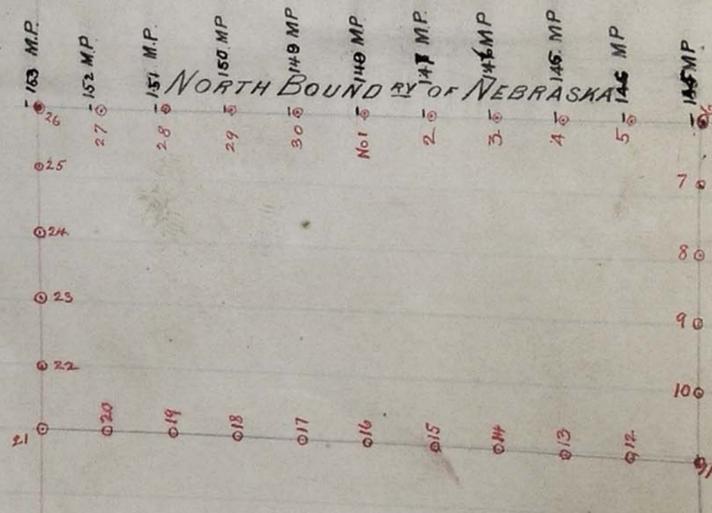
The original surveys in Nebraska began in the mid 1850's and were completed in the mid 1880's. The Nebraska office of the Surveyor General was closed June 30, 1886.

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Field Notes
of
The Survey of
the
Sioux Indian Reservation
in Nebraska
by
Joseph H. Fairfield U.S. Dep. Surveyor
Under his contract of June 6th. 1882
Survey commenced June 25th. 1882
Survey completed June 28th. 1882

*Index Diagram
Sioux Indian Res*



N.B. of the Sioux Indian Reservation in Nebraska
Chains For the Initial Point for the survey of
 The Sioux Indian Reservation in
 Nebraska. I marked the Closing
 Corner to Fractional Townships 35 N.
 Ranges 44th and 45th W., on the north
 boundary of Nebraska, "U.S. S.R. no. 1"
 on the S. side of mile Post no. 1.

I set my compass at mile Post no. 1 and
 attempted to adjust it. but flying
 clouds prevented me from making a
 thorough adjustment or observing
 for Latitude. I set a flag at the 147th
 mile Post of the N. boundary of
 Nebraska. and found the Magnetic
 Variation of the 148th mile to be
 14° 30' East.

From mile Post no. 1 I run
 East to the $\frac{1}{4}$ mile.
 Variation 14° 30' East.

N.B. of the Sioux Indian Reservation in Nebraska

Chains

- 1.75 Wagon road to Pine Ridge Agency brs. N. and S.
 53.00 Wagon road to Pine Ridge Agency brs. N. and S.
 80.00 To a Point 12.30 Chs. E. of Mile Post

No 147 of the N. boundary of Nebraska. I set a Cedar Post 4 ft. long 4 ins. square. Charred stake 2 ft. in the ground, for Mile Post No. 2. of the Sioux Indian Reservation.

Marked "U.S. I.R. 2 M." on the S. side, dug pits 24 x 24 x 12 ins. E. and W. of Post. 6 ft. dist. and raised mound of earth around Post.

Land rolling.

Soil 2nd rate

Vegetation grass.

Mile Post No. 147 of the N. boundary of Nebraska. is a mound of earth with pits. no post to be found I set a Pine Post 4 ft. long 4 ins.

N.B. of the Sioux Indian Reservation in Nebraska

Chains

square. Charred stake 2 ft. in the ground, for Mile Post No 147. marked "147 M" on the E. "N.B." on S. and "DAK" on W. sides. dug pits 30 x 30 x 18 ins. E. and W. of Post 6 ft. dist. and raised a mound of earth around Post.

East on the 2nd Mile

Variation 14° 50' East.

- 6.50 Wagon road to Pine Ridge Agency brs. N. and S.
 15.00 Wagon road to Pine Ridge Agency brs. N. and S.
 58.50 Wagon road to Pine Ridge Agency brs. N. and S. E.
 80.00 To a Point 12.50 Chs. E. of Mile Post No 146 of the N. boundary of Nebraska. I set a Cedar Post 4 ft. long 4 ins. square. Charred stake 2 ft. in the ground, for Mile Post No 3. marked "U.S. I.R. 3 M." on the S. side dug pits 24 x 24 x 12 ins. E. and W. of Post 6 ft. dist. and raised a

W.B. of the Sioux Indian Reservation in Nebraska

Chains

mound of earth around Post.
Description same as before

The 146th mile Post is a Pine Post 6 ft. long 6 ins. square, properly marked, which I found lying alongside a mound of earth, with pits End W. I set the Post in old mound, redug the pits and rebuilt mound.

East on the 3rd mile.

Variation 14° 50' East.

- 12.00 Wagon road to Pine Ridge Agency brs. W. W. and S. E. and ascend W. slope.
- 47.00 Top of spur from S. and descend.
- 71.00 Bottom of spur in drain 35 ft wide descends W. and ascend. Wagon road in drain brs. W. and S.
- 80.00 Post point 13.35 Chs. E. of mile Post No 145 of the W. boundary of Nebraska I set a Cedar Post 4 ft. long 4 ins.

W.B. of the Sioux Indian Reservation in Nebraska

Chains

square. Charred stake 2 ft. in the ground for mile Post No. 4. Marked "U.S. & R. 4th W." on the S. side. dug pits 24 x 24 x 12 ins. End W. of Post 6 ft. dist. and raised a mound of earth around post. Land rolling. Soil 2nd rate. Vegetation grass.

The 145th mile Post is a Pine Post 6 ft. long 6 ins. square, properly marked, which I found lying alongside a mound of earth with pits. I set the Post in old mound, redug pits End W. and rebuilt mound.

East on the 4th mile.

Variation 14° 35' East.

- Ascend.
- 16.00 Top of hill brs. N. E. and S. W. and descend

N.B. of the Sioux Indian Reservation in Nebraska

Chains
 42.00 Bottom of hill bet. N.E. and S.W.
 54.00 Wagon road to Pine Ridge Agency
 bet. N.W. and S.E.
 80.00 To a point 14.03 Chs. E. of mile
 Post no. 144 of the W. boundary of
 Nebraska. I set a Cedar Post 4 ft.
 long 4 ins. square. Charred
 stake 2 ft. in the ground, for
 mile Post No 5. Marked
 "U.S. A.R. 5 M." on the S. side.
 dug pits 24 x 24 x 12 ins. E. and W.
 of Post 6 ft. dist. and raised a
 mound of earth around Post.
 Land rolling. Soil 2nd rate. Vegetation grass.

The 144 Mile Post is a Pine Post
 6 ft. long 6 ins. square. Properly
 marked, which I found lying
 alongside a mound of earth
 with pits E. and W. I reset the
 Post in old mound and dug the pits

N.B. of the Sioux Indian Reservation in Nebraska

Chains and rebuilt mound.
 East on the ^{5th} mile.
 Variation 14° 20' East.

34.50 Wagon road to Pine Ridge Agency bet. N.W. and S.E.
 71.50 Wagon road to Pine Ridge Agency bet. N.W. and S.E.
 80.00 To a point 14.87 Chs. E. of mile post
 no. 143. of the W. boundary of Nebraska
 I set a Cedar Post 4 ft. long 6 ins.
 square. Charred stake 2 ft. in
 the ground, for mile Post No 6
 marked "U.S. A.R. 6 M. N.E.C." on S. face
 for W.E. corner of the Sioux Indian
 Reservation. dug pits N. and S. of Post 6 ft. dist. and
 raised mound of earth around Post. Land rolling.
 Soil 2nd rate
 Vegetation grass.

The 143 Mile Post is a Pine Post 6 ft.
 long 6 ins. square. properly marked,

W. of the Sioux Indian Reservation in Nebraska
Chains

which I found lying along side a mound of earth with pits E. & W.
I reset post in old mound, & dug the pits and rebuilt mound.

J. H. Fairfield June 25th 1882.

Before proceeding further with the survey, I established a meridian and carefully tested the adjustments of my solar compass.

The Equatorial Lines, and Solar Lenses were out of adjustment and after putting them in perfect adjustment, I compared the meridian obtained, with the one established before the adjustment. I found a difference of 34' — The erroneous meridian deflecting to the East 80 links per mile. At noon I verified the adjustments of my compass and

E. of the Sioux Indian Reservation in Nebraska
Chains

observed for Latitude. I obtained 43° N. Latitude.

From mile post no 6, I run South on the ^{6th} mile.

Variation 14° 30' East

Ascend gradual slope

- 4.00 Wagon road to Pine Ridge Agency brs N. W. & S. E.
- 16.50 Wood road brs N. W. and S. E.
- 52.00 Top of spur from S. W. Enter sparse pine timber brs E. and W. and descend S. E. slope.
- 64.00 Leave sparse pine timber brs E. and W.
- 75.50 Old trail brs N. W. and S. E.
- 80.00 Set a Red Cedar Post 4 ft. long 3 ins. square. Charred stake 2 ft. in the ground for Mile Post no 7. marked "U. S. L. R. 7 Mi." on the N. Side. dug pits 24 x 24 x 12 ins. N. and S.

E.B. of the Sioux Indian Reservation in Nebraska
6 chains

of post 6 ft. dist. and raised a mound of earth around post.

Land rolling.

Soil 2nd rate.

Vegetation grass. sparse pine timber.

South on the 7th mile.

Variation $14^{\circ} 20'$ East.

Descend.

- 2.00 Enter sparse pine timber brs E. and W.
4.50 Bottom of gulch descends N.E. and ascend.
9.00 Top of spur from S.W. and descend.
15.75 Bottom of spur in creek 5 chs. wide
runs N. 20° E. Ascend over W. slope.
25.00 Bottom of gulch descends N.W. and
ascend, N.W. slope.
80.00 Set a Red Cedar Post 4 ft. long
4 ins. square. Charred stake 2 ft.
in the ground. for mile post no. 8.
Marked "U.S. I.R. 8 W." on W. side.

E.B. of the Sioux Indian Reservation in Nebraska
6 chains

dug pits $24 \times 24 \times 12$ ins. N. and S. of Post
6 ft. dist. and raised a mound of earth
around post.

Land broken.

Soil 3rd rate.

Vegetation grass. sparse pine timber.

South on the 8th mile.

Variation $14^{\circ} 25'$ East.

Ascend.

- 1.00 Top of spur from S.E. and descend.
23.00 Bottom of mountain brs. N.W. and S.E. and asc.
53.00 Top of divide brs. W. and S.E. and descend.
76.00 Bottom gulch descends N.W. and ascend.
80.00 Set a Red Cedar Post 4 ft. long 4 ins. square
Charred stake 2 ft. deep. for Mile Post No. 9.
marked "U.S. I.R. 9 W." on W. side dug pits
 $24 \times 24 \times 12$ ins. N. and S. of Post 6 ft. dist.
and raised a mound of earth around Post.
Land mountainous and broken

E.B. of the Sioux Indian Reservation in Nebraska
Chains

Soil 2nd rate.

Vegetation grass. Sparse pine timber

80. Chs. mountainous.

South on the 9th Mile.

Variation 14° 30' East.

Ascend.

1.00 Top of spur from S.E. and descend.

7.75 Bottom of gulch descends W.W. and ascend.

37.00 Top of spur from S.E. and descend.

59.00 Bottom of gulch descends W. and ascend.

67.00 Top of spur from E. and descend.

75.00 Bottom of gulch descends W.W. and ascend.

8.00 Set a Red Cedar Post 4 ft. long

4 ins. square. Charred stake 2 ft.

deep. For mile Post No. 10. marked

"U.S. S.R. 10 W." on W. side. dug pits

24 x 24 x 12 ins. W and S. of Post

6 ft. dist. and raised a mound

of earth around Post.

E.B. of the Sioux Indian Reservation in Nebraska
Chains

Land ^{80.00 Chs.} mountainous and broken.

Soil 2nd rate.

Vegetation grass. Sparse pine timber.

80. Chs. mountainous.

South on the 10th Mile.

Variation 14° 30' East.

Ascend.

2.00 Top of spur from S.E. and descend.

8.50 Bottom of gulch descends W.W. and ascend.

34.50 Top of spur from S.E. and descend.

40.50 Bottom of gulch descends W.W. and ascend.

48.00 Top of spur from S.E. and descend.

57.00 Bottom of ravine descends W.W. and ascend.

78.00 Top of divide hrs. N.E. and W.W.

80.00 Set a Red Cedar Post 4 ft. long 6 ins.

square. Charred stake 2 ft. deep.

For mile Post No. 11. marked

"U.S. S.R. 11 W." ^{S.E.} on W. side. dug

pits 24 x 24 x 12 ins. W and S. of

E.B. of the Sioux Indian Reservation in Nebraska

6 Lines

Post 6 7/8 dist. and raised a mound
of earth around Post.

Land ^{50,000 lbs} mountainous.

Soil 2nd rate.

Vegetation grass. Sparse pine timber.

So. E. ls. mountainous.

J. H. Fairfield June 26th 1882.

Note. Before proceeding further with
the survey. I carefully examined the
adjustments of my solar compass,
particularly the Latitude^{and}
Reversing apparatus and found it
to be in perfect adjustment.
I also observed for Latitude^{and}
obtained $42^{\circ} 57' N$.

Note The North Boundary of Nebraska is not,
according to my compass a true west
line. From previous measurements^{and}
courses I find I shall have to run

E.B. of the Sioux Indian Reservation in Nebraska

6 Lines.

the south boundary of the Reservation at a
magnetic variation of $14^{\circ} 13'$ East, in order
to run parallel with the north boundary
as per instructions.

From mile post no 11 I run
West on the 16^{th} mile.

Variation $14^{\circ} 13'$ East.

Descend. Divide brs. N.W. and S.E.

5.00 Cross head of gulch descends S.W. and ascend.

9.00 Top of spur from N. and descend.

18.50 Bottom of gulch descends S. and ascend.

32.50 Top of spur from N. and descend.

41.75 Bottom of gulch descends S. and ascend.

56.25 Top of spur from N. and descend.

62.50 Bottom of gulch descends S. and ascend.

76.00 Top of divide brs. W.E. and S.W.

80.00 Set a Red Cedar Post. 4 ft. long
4 ins. square. Charred stake
2 ft. deep. For mile Post No. 12

S.B. of the Sioux Indian Reservation in Nebraska

Chains

Marked "U.S. I.R. 12 W." on the N. side.

dug pits 24 x 24 x 12 ins. E. and W. of Post.

6 ft. dist. and raised a mound of earth around Post.

Land ^{80.00 chs} mountainous.Soil 1st and 2nd rate.

Vegetation grass. Sparse pine timber.

So. Chs. mountainous.

West on the ^{12th} 13th mile.

Variation 14° 13' East.

Descend.

19.00 Top of divide bet N.W. and S.E. and descend.

45.50 Bottom of gulch descends S. and ascend.

52.00 Top of spur from W. and descend.

57.50 Bottom of gulch descends S. and ascend.

79.00 Top of spur from N. and descend

80.00 Set a Red Cedar Post 4 ft. long
4 ins. square. Charred stake
2 ft. deep. For mile Post No 13.

S.B. of the Sioux Indian Reservation in Nebraska

Chains

Marked "U.S. I.R. 13 W." on N. side.

dug pits 24 x 24 x 12 ins. E. and W.

of Post. 6 ft. dist. and raised mound
of earth around post.Land rolling. Soil 2nd rate. Vegetation grass.West on the ^{13th} 14th mile.

Variation 14° 13' East.

Descend.

43.50 Bottom of gulch descends S.W. ascend and

Leave sparse pine timber bet. W.W. and S.E.

50.00 Top of spur from W. and descend

54.25 Wagon road bet N. and S. at base of mountain bet N. and S.

76.00 Enter Bush and Timber bet. W.W. and S.E.

77.50 East Branch of White Clay creek 20 fms.
wide runs N.W.79.50 East Branch of White Clay creek 20 fms.
wide runs S.W.80.00 Set a Red Cedar Post 4 ft. long 4 ins.
square. Charred stake 2 ft. deep.
for mile Post No 14, marked

S.R. of the Sioux Indian Reservation in Nebraska
Chains

"U.S. I.R. 14th M." on the N. side. dug pits
24 x 24 x 12 ins. E. and W. of Post 6 ft.

dist. and raised a mound of earth
around post.

54.25 Chs. ^{25.75 Chs.} mountainous and broken.

Soil 2nd rate.

Vegetation grass. Sparse pine timber.

54.25 Chs. mountainous.

25.75 Chs. broken.

Nest on the ^{14th} 7th mile.

Variation Vegetation 14° 13' East.

3.00 East Branch of White Clay creek 25 lks.
wide runs N.E.

6.25 East Branch of same creek 27 lks.
wide runs S.W.

8.50 East Branch of same creek 30 lks.
wide runs N.

14.00 East Branch of same creek 25 lks.
wide runs S.W.

20.50 East Branch of same creek 25 lks.

S.R. of the Sioux Indian Reservation in Nebraska
Chains

runs N.W. and Leave Brush and Timber
brs. N.W. and S.E.

35.50 Hagon road brs. N.W. and S.E.

40.00 Ascend W.E. slope.

51.00 Top of spur from S. and descend.

64.50 Bottom of gulch descends N. and ascend.

80.00 Set a Red Cedar Post 4 ft. long 4 ins.
square. Charred stake 2 ft. deep

for mile post No. 15. marked

"U.S. I.R. 15th M." on the N. side.

dug pits 24 x 24 x 12 ins. E. and W. of
Post 6 ft. dist. and raised a mound
of earth around post.

Land rolling and broken.

Soil 2nd rate.

Vegetation grass. Sparse pine timber
in gulch.

Nest on the ^{15th} 6th mile.

Variation 14° 13' East.

S.E. of the Sioux Indian Reservation in Nebraska

Chain is

ascend.

- 1.00 Top of spur from S. and descend.
- 14.00 Bottom of ravine descends N. and ascend.
- 22.50 Top of spur from S. and descend.
- 26.00 Bottom of ravine descends N. and ascend.
- 64.00 Top of spur from S. and descend.
- 80.00 Set a Red Cedar Post 4 ft. long 6 ins. square, charred stake 2 ft. deep for mile post no. 16. Marked "U.S. A.R. 16 70" on the W. side. dug pits 24 x 24 x 14 ins. E. and W. of Post 6 ft. dist. and raised a mound of earth around Post Land rolling.
- Sail 2nd rate.
- Vegetation grass.

West on the ¹⁶ 17th mile
 Variation 14° 13' East
 Descend.

S.E. of the Sioux Indian Reservation in Nebraska

Chain

7.20 Intersect the line of Twp. 34 N Ranges

- 44 and 45 W. 11.97 Chs. S. of the corner to Sections 7, 12, 13, and 18. and at point of intersection set a sand stone 20 x 15 x 4 ins. 15 ins. in the ground, for Closing Corner to ^{Fractional} Townships 34 N. Ranges 44 and 45 W. marked C.C. R on S. side. dug pits 18 x 18 x 12 ins. S.E. and W. of stone 5 1/2 ft. dist. and raised a mound of earth 2 ft high 4 1/2 ft. base alongside
- 12.00 Bottom of spur in draw descends W. and ascend.
- 20.00 Wagon road brs. W. and S.E. on bench.
- 25.00 Top of spur from S. and descend.
- 25.75 Wagon road brs. W. and S. on bench.
- 39.50 Bottom of spur in White Clay creek 30 Chs. wide runs N. and Enter Timber and brush brs. W. and S.
- 47.50 Leave Brush and Timber brs W. and S. and

S.B. of the Sioux Indian Reservation in Nebraska

Chains

Enter Oat field.

57.00 Leave Oat field. hrs. Nth and S.58.00 Enter Brush hrs Nth and S.60.00 Post and Pole fence hrs. Nth and S.60.25 Wagon road from Sidney to Pine Ridge Agency hrs Nth and S.

71.00 Chain 30 hrs. wide descends S.E.

80.00 Set a Red Cedar Post 4 ft. long 6 ins.

square. Charred Stake 2 ft. deep for mile Post No 17. marked "U.S. I. R. 17 M." on N. side. dug pits 24 x 24 x 12 ins. E. and W. of Post 6 ft. dist. and raised a mound of earth around Post.

Land rolling.

Soil 1st and 2nd rate.

Vegetation grass. Sparse pine timber on crest.

West on the ^{17th} 8th mile.

Variation 14° 13' East.

S.B. of the Sioux Indian Reservation in Nebraska.

Chains.

Ascend.

5.00 Top of spur from N.W. and descend.

6.00 Enter sparse pine timber hrs. Nth and S.

26.00 Bottom of ravine descends S.E. + ascend.

27.00 Wagon road hrs N.W. and S.E.

39.25 Top of spur from S. and descend.

49.50 Bottom of ravine descends N.E. + ascend.

60.50 Top of spur from S.E. and descend.

74.00 Bottom of ravine descends N.E. and ascend.

80.00 Set a Red Cedar Post 4 ft. long 4 ins.

square. Charred Stake 2 ft. deep for mile Post No. 18. marked "U.S. I. R. 18 M." on N. side. dug pits 24 x 24 x 12 ins. E. and W. of Post 6 ft. dist. and raised a mound of earth around Post.

Soil 1st and 2nd rate. Land mountainous ~~and broken~~ soil 2nd rate.

Vegetation grass. Sparse pine timber.

S.B. of the Sioux Indian Reservation in Nebraska
Chains ^{18th} West on the 17th mile.

Variation 14° 13' East.

Ascend.

4.00 Top of spur from N.W. ^{and} descend.

18.00 Bottom of gulch descends S. ^{and} ascend

25.00 Top of divide bet. N.E. ^{and} S.W.

60.00 Leave divide bet. S.W. ^{and} descend.

76.00 Bottom of gulch descends N. ^{and} ascend.

80.00 Set a Red Cedar Post 11 ft. long 4 ins.

square. Charred stake 2 ft deep.

for mile Post No. 19. marked

"U.S. I. R. 19 M." on N face. dug pits

24 x 24 x 12 ins. E. ^{and} W. of Post 6 ft.

dist. ^{and} raised a mound of earth

around Post.

Land ^{4500 lbs.} mountainous, ^{and} 3500 lbs. flat

Soil 2nd rate.

Vegetation grass. Sparse pine timber.

80. 600 lbs. mountainous.

S.B. of the Sioux Indian Reservation in Nebraska
Chains ^{19th} West on the 20th mile

Variation 14° 13' East.

Ascend.

4.00 Top of spur from S. ^{and} descend.

8.50 Bottom of gulch descends W. ^{and} ascend.

18.75 Top of spur from S. ^{and} descend.

37.00 Bottom of gulch descends W. ^{and} ascend.

39.25 Top of spur from S. ^{and} descend.

47.00 Bottom of gulch descends W. ^{and} ascend

57.50 Top of spur from S. ^{and} descend.

65.25 Bottom of ravine descends N.E. ^{and} ascend

80.00 Set a Red Cedar Post 11 ft. long 4 ins.

square. Charred stake 2 ft. deep.

for mile Post No. 20 marked

"U.S. I. R. 20 M." on W. side. dug pits

24 x 24 x 12 ins. E. ^{and} W. of Post 6 ft.

dist. ^{and} raised a mound of earth

around Post.

Land ⁵⁰⁰⁰ mountainous. ^{and} broken.

Soil 2nd rate.

S.E. of the Sioux Indian Reservation in Nebraska

Chain

Vegetation grass sparse pine timber.
80. Chs. mountainous.

Went on the ²⁰ 21st mile.

Variation $14^{\circ} 13'$ East.

Ascend.

- 1.00 Top of spur from S. nd descend.
10.50 Bottom of ravine descends N.W. & ascend.
18.50 Top of spur from S. nd descend.
37.00 Bottom of gulch descends N. nd ascend.
43.00 Top of spur from S. nd descend.
47.00 Bottom of gulch descends N. nd ascend.
52.00 Top of spur from S. W. nd descend.
54.50 Bottom of gulch descends N.E. nd ascend.
79.00 Top of spur from S.E.
80.00 Set a Red Cedar Post 4 ft. long 4 ins.
square. Charred Stake 2 ft. deep
700 mile Post No. 21. marked
on N.E. face
"U.S. & R. 21 W. S. 7 N. C. 11" for S.W. cor.
of the Sioux Indian Reservation
Wagpiti N. nd E. of post. nd raised mound of earth.

W.B. of the Sioux Indian Reservation in Nebraska

Chain.

Land ⁵⁰⁰⁰ mountainous ~~and~~ broken.
Soil 2nd rate.

Vegetation grass. Sparse pine timber.
80. Chs. mountainous.

J. H. Fairfield June 27th 1882.

Note. Before proceeding further with
the survey. I carefully examined the
adjustments of my solar compass.
particularly the latitude ^{and} reversing
apparatus ^{and} found it to be in
perfect adjustment. I also observed
for Latitude ^{and} obtained $42^{\circ} 51' N.$

From mile Post No 21 I went
North on the ^{21st} 22nd mile.

Variation $14^{\circ} 20'$ East.

Descend N.W. Slope of Spur.

- 26.00 Leave sparse pine timber trs. E. nd W.
44.00 Bottom of mountain trs E & W. & enter bottom land

W. of the Sioux Indian Reservation in Nebraska

Chains

80.00 Set a Red Cedar Post 4 ft. long 4 ins.

square. Charred stake 2 ft. deep.

for mile Post no 22, marked

"U.S. I.R. 22 M" on E. side. dug pits

24 x 24 x 12 ins. N. and S. of Post 6 ft.

dist. and raised a mound of earth

around post.

Land, ^{44.00 chs} mountainous and rolling. ^{26.00 chs}Soil 1st and 2nd rate.

Vegetation grass. sparse pine timber.

44.00 chs. mountainous. 26.00 chs. rolling

North on the ^{22nd} ~~27th~~ mile.

Variation 14° 20' East.

43.50 Enter Brush and Elm timber bro. E. and W.

45.25 Craven Creek 10 chs. wide runs E.

57.50 same Creek 10 chs. wide runs N.W.

54.50 same Creek 10 chs. wide runs E.

56.00 Leave brush and timber bro. E. and W.

74.00 Drain 20 chs. wide descends S.E.

W. of the Sioux Indian Reservation in Nebraska

Chains

75.00 Wagon road in bottom bro. N.E. and S.W.

80.00 Set a Red Cedar Post 4 ft. long 4 ins.

square. Charred stake 2 ft. deep.

for mile Post no 23 marked

"U.S. I.R. 23 M" on E. side.

dug pits 24 x 24 x 12 ins. N. and S. of

stone 6 ft. dist. and raised a

mound of earth around post.

Land rolling.

Soil 2nd rate.

Vegetation grass. Timber on creek.

North on the ^{23rd} ~~24th~~ mile.

Variation 14° 20' East.

17.00 Wagon road bro. N.W. & S.E. and ascend.

18.00 Top of spur of divide from W.W. and descend.

35.00 Bottom in wash descends S.E. & ascend.

65.00 Top of divide bro. N.E. and S.W.

66.00 Wagon road from Fort Robinson to

Pine Ridge Agency bro. N.E. and S.W.

W.B. of the Sioux Indian Reservation in Nebraska

Chains

42.70 Telegraph line from Fort Robinson to
Pine Ridge Agency bet. N.E. and S.W.

80.00 Set a Red Cedar Post 4 ft. long.
6 ins. square. Charred stake 2 ft.

deep. for mile Post No. 24 marked
"U.S. I.R. 24 M." on E. side. dug
pits W. and S. of Post 6 ft. dist.
and raised a mound of earth

around Post.

Land broken and rolling.

Soil 2nd rate.

Vegetation grass.

North on the ²⁴25th mile.

Variation 14° 20' East

35.50 Wash 30 lks. wide descends W.

52.00 Wash 70 lks. wide descends W.

80.00 Set a Red Cedar Post 4 ft. long
6 ins. square. Charred Stake
2 ft. deep. for Mile Post No. 25.

W.B. of the Sioux Indian Reservation in Nebraska

Chains

marked "U.S. I.R. 25 M." on E. side.
dug pits 24 x 24 x 12 ins. W. and S.
of Post 6 ft. dist. and raised a
mound of earth around Post.

Land rolling.

Soil 2nd rate.

Vegetation grass, Sparse Pine
and Cedar timber in washes.

North on the ²⁵26th mile.

Variation 14° 20' East.

6.25 Old Wagon road bet. N.E. and S.W.

32.00 Drain 40 lks. wide descends W.

79.80 Bea point 11. 82 lks. E. of mile

Post No 153 of the W. boundary
of Nebraska. I set a Red Cedar

Post 4 ft. long 4 ins. square.

Charred stake 2 ft. deep. for Mile

Post No. 26. marked "U.S. I.R. 26 M.

W.W. C." on S.E. face. for N.W. Corner

N.B. of the Sioux Indian Reservation in Nebraska

Chains of the Sioux Indian Reservation.

Dug pits & raised mounds of earth. Land rolling.
Soil 2nd rate.

Vegetation grass.

At Mile Post No. 153 there was no post to be found. I set Pine Post 4 ft. long 4 ins. square in the old mound for mile Post No. 153. Marked "N.E. B. on S. R.A. Kūw W. 153 M" on E side. dug pits and rebuilt mound

From Mile Post No. 26. I saw East on the ^{26th} 27th mile.

Variation 14° 30' East
Ascend S.W. slope

20.00 Top of spur from W. and descend

39.00 Drain 30 eks. wide descends W.

63.00 Wagon road to Pine Ridge Agency
Crs N.E. and S.W.

N.B. of the Sioux Indian Reservation in Nebraska

Chains
80.00

To a point 12.30 Chs. E. of mile Post

No. 152 of the N. boundary of

Nebraska. I set a Red Cedar Post

4 ft long 4 ins. square. Charred

Stake 2 ft. deep for mile post

No. 27 marked "U.S.P.R. 27 M" on

S. side dug pits 24 x 24 x 12 ins.

E. and W. of Post 6 ft. dist. and raised

mound of earth around Post.

Land rolling.

Soil 2nd rate.

Vegetation grass.

The 152 Mile Post is a Pine Post 6 ft. long 6 ins. square. properly marked. which I found lying alongside a mound of earth with pits E. and W. I set Post in old mound. redug the pits and rebuilt mound.

W.B. of the Sioux Indian Reservation in Nebraska

Chains East on the ²⁷28th mile.

Variation $14^{\circ}30'$ East.

80.00 To a point 13.44 Chs. E. of mile Post No. 151 of the N. boundary of Nebraska I set a Red Cedar Post 4 ft. long 4 ins. square. Charred stake 2 ft. deep. for mile Post No. 28 marked "U.S. I. R. 28 M." on S. side, dug pits $24 \times 24 \times 12$ ins. E. and W. of Post. 6 ft. dist. and raised a mound of earth around post.
Land rolling.
Soil 2nd rate.
Vegetation grass.

At Mile Post No. 151 there was no post to be found. I set a Pine Post 4 ft. long 4 ins. square. in old mound for mile post No. 151 marked "N.S.B." on S. "D.A.K." on W. and 151 M on E. sides.

W.B. of the Sioux Indian Reservation in Nebraska

Chains I dug the pits and rebuilt mound.

East on the ^{28th}29th mile.

Variation $14^{\circ}35'$ East.

35.00 Telegraph line from Fort Robinson to Pine Ridge Agency brs. N.E. and S.W.
69.75 Wagon road from Fort Robinson to Pine Ridge Agency brs. N.E. and S.W.
80.00 To a point 12.50 Chs. E. of mile Post No. 150. of the N. boundary of Nebraska I set a Red Cedar Post 4 ft. long 4 ins. square. Charred stake 2 ft. deep. for mile post No. 29 marked "U.S. I. R. 29 M." on S. side dug pits $24 \times 24 \times 12$ ins. E. and W. of Post. 6 ft. dist. and raised a mound of earth around post.

At Mile Post No. 150 there was no Post to be found. I set a pine

N.B. of the Sioux Indian Reservation in Nebraska

6 hrs. post 4 ft. long 4 ins. square. in
the old mound for mile Post
no. 150, marked "N.E. Bow S.
D.A.K." on W. and "150 W." on E. sides.
I redug the pits and rebuilt mound.

East on the ²⁹30th mile.

Variation $14^{\circ}35'$ East.

13.75 Old Wagon road to Pine Ridge Agency
brs. N.E. and S.W.

57.50 Wagon road to Pine Ridge Agency
brs. N.E. and S.W.

80.00 To a point 11.80 hrs. E of mile
Post no. 149 of the W boundary
of Nebraska. I set a Red Cedar
Post 4 ft. long 6 ins. square,
Charred stake 2 ft. deep, for
mile Post no. 30 marked
"U. S. I. R. 30 W." on the S. side,
dug pits $24 \times 24 \times 12$ ins. E and W.

N.B. of the Sioux Indian Reservation in Nebraska

Chairs
of Post 6 ft. dist. and raised a
mound of earth around post.
Land rolling.
Soil 2nd rate.
Vegetation grass.

At Mile Post no 149 there was no
post to be found. I set a Red Cedar
Post 4 ft. long 4 ins. square in
old mound for mile Post no 149
marked "N.E. Bow S. D.A.K." on W.
and 149 on E sides. I redug the
pits and rebuilt mound.

East on the ³⁰31st mile.

Variation $14^{\circ}35'$ East.

14.00 Wagon road from Sidney to Pine
Ridge Agency brs. W. and S.

18.00 Euler Timber and Brush brs W. and S.

21.75 White Clay Creek 30 hrs. wide river
W.

N.B. of the Sioux Indian Reservation in Nebraska

- Chains.
- 25.00 Postnd Wire fence bet N+S + Enter garden.
- 36.00 Postnd wire fencend leave garden bet N+S.
- 38.75 White Clay Creek 40 lks. wide runs S. W.
- 55.00 Cross Bend in creek from N.E. runs N.W.
- 61.00 White Clay creek 30 lks. wide runs N.W.
- 64.00 Wagon road to Pine Ridge Agency
bet. 70th and S.
- 68.00 To mile Post no. 148 recently rebuilt.
- 79.60 To mile Post no. 1. The place of
beginning.
- Land level.
- Soil 1st rate
- Vegetation grass.

General Description
Considerable of the land in this
Reservation is broken and mountain-
ous, but the greater portion is
gently rolling, soil 1st and 2nd rate
and fit for cultivation.

There are a number of settlers
within its boundaries who have
well-improved farms.
There is considerable valuable
Pine timber in the mountains
fit for saw-logs and building
material. The valley of White
Clay Creek is very fertile and
cereals of excellent quality are
grown without irrigation
also nearly all kinds of vegetables.
The general drainage of the
country is to the North and the
mountains afford good shelter
for stock in the Winter season.
Wild Small Fruits are plentiful
in the valleys and creeks bottoms
and taken as a whole the Sioux
Indian Reservation covers fifty
square miles of the best portion

of Nebraska.

J. H. Fairfield June 28th 1882.

Note. My intersection with the line between Ranges 44th and 45th T. Township 34th N. on the south boundary of the Reservation, proves that my compass was slightly out of adjustment when I ran the line of Ranges 44th and 45th T. Townships 34th and 35th N.

The country along the south boundary of the reservation from the south east corner westward is very rough and therefore considerable measurement was unavoidably lost in running the line, which would make it appear that my compass was very much out of adjustment.

Affidavits are in Books No. 1st and No. 3. of Exterior Lines.

(See Vol 273 pages 226-228^{1/2})

U. S. Surveyor Gen's Office
Platts mouth Neb.

The foregoing Field Notes of the survey of the boundary line of the Sioux Indian Reservation in the state of Neb. Executed by Joseph H. Fairfield U. S. Deputy Surveyor, under his contract No. 16, dated June 6th 1882. in the month of June 1882. having been critically examined the necessary corrections and explanations made, the said field notes and the surveys they describe are hereby approved.

Grossmitt
U. S. Surveyor General

GENERAL LAND OFFICE • ORIGINAL FIELD NOTES

BOOK NUMBER

749

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.