# General Land Office • Original Field Notes

## Book Number

# 610

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Charlie W

T. 33 North

6th Principa

T 33-35-
R 38 W

T.33-35 N.
R. 38 W.

91.

# FIELD NOTES

OF

THE SUBDIVISION LINES OF

Township 33 North Range 38 West

6th Principal Meridian.

BY

Charlie W. Dakin, Deputy Surveyor.

Under his Contract of Feb. 2nd 1882,

Survey Commenced Sept. 23, 1882,

Survey Completed Sept. 26, 1882.

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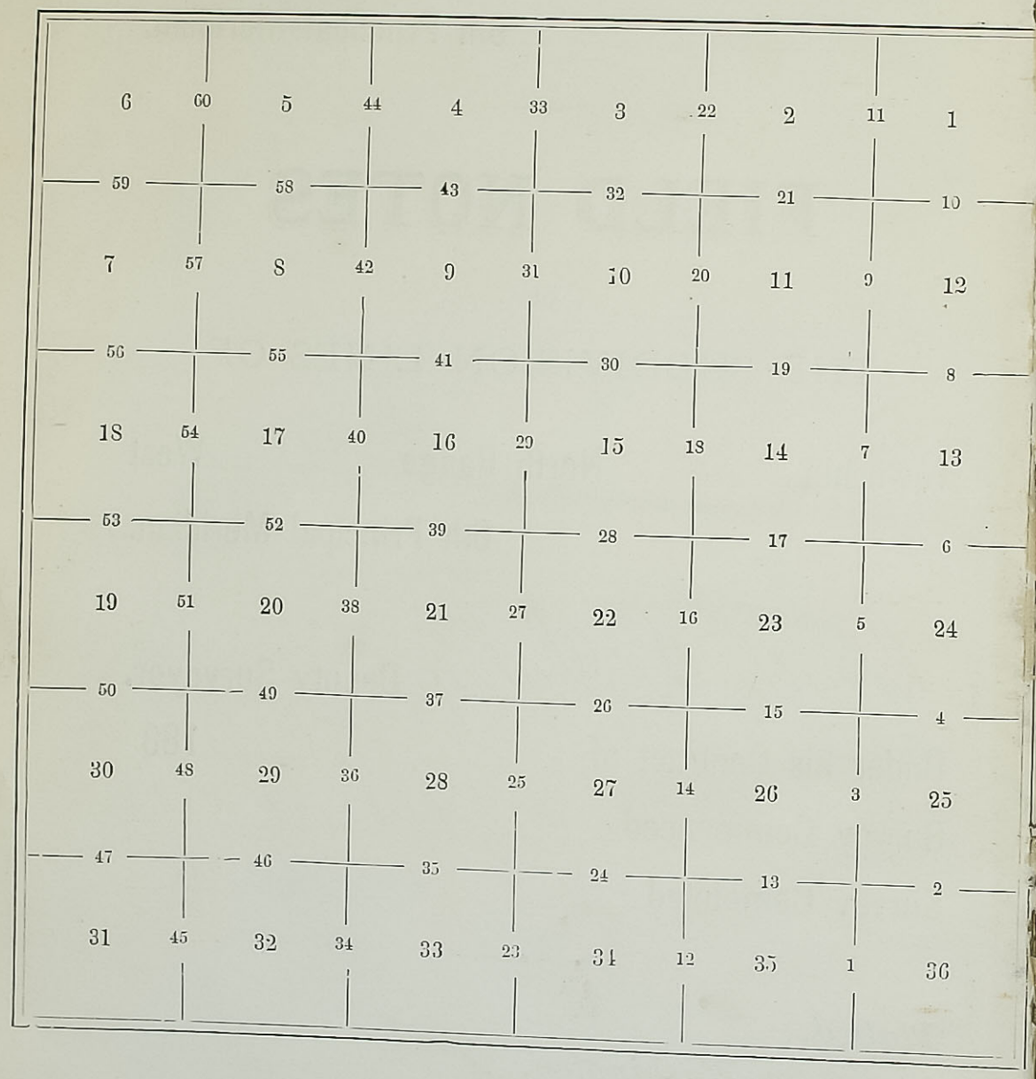
Township..... Range.....

..... 6th Principal Meridian

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Township..... North..... Range..... West

..... 6th Principal Meridian.

Township ..... North ..... Range ..... West

..... 6th Principal Meridian.

Township ..... North ..... Range ..... West

..... 6th Principal Meridian.

*Survey made with Burt's Patent Improved Solar Compass, nearly new, and in first rate order. Made by* John Roach *of* San Francisco, California *in* 1881.

Township 33 North Range 38 West

(See previous page.)

6th Principal Meridian.

| Chains | |
|---|---|
| | From the corner to Sections 35, 36, 1 and 2 on the South boundary; I run North, between Sections 35 and 36. |
| | Variation 14° 20′ East. |
| | *Descend.* |
| 27.30 | *Cross Road, bears* E. and W. |
| 30.00 | *Enter Flat bears* E. and W. |
| 40.00 | *Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.* |
| 65.00 | *Leave Flat bears* E. and W., *and ascend.* |
| 80.00 | *Set a post 4 ft. long, 4 ins. square, 12 ins. in the ground, for Cor. to Secs,* 25-26-35-36, *marked T,* 33 N *S,* 25 *, on N, E, R,* 38 W, *S.* 36 *on S, E, S,* 35 *on S, W, and S,* 26 *on N, W, faces with* / *notch on S, and* / *notch on E, edges, dug pits 18 x 18 x 12 ins, in each Sec,, 5½ ft, dist,, and raised a mound of earth 2 ft, high, 4 ½ ft, base around post.* |
| | *Land* level. & rolling. |
| | *Soil* 2nd & 3rd rate |
| | *Vegetation,* Bunchgrass. |



Township 33 North Range 38 West

6th Principal Meridian.

| Chains | |
|---|---|
| | East, on a random line between Sections 25 and 36. |
| | Variation 14° 25′ East. |
| | Ascend, |
| 13.00 | *Top of Spur, bears* N. and S. *and descend.* |
| 27.00 | *Cross Canon,* 25 *lks. wide, Course* North *and ascend.* |
| 32.00 | *Top of Spur, bears* N. and S. *and descend.* |
| 40.00 | *Set temporary ¼ Sec. Cor.* |
| 80.17 | *Intersect* E. *B. of Tp.* 23 *lks.* North *of cor. to secs.* 25-30-31-36 *from which corner, I run* N. 89° 50′ W. *on a true line, between sections* 25-36 |
| | *Variation* 14° 35′ *East.* |
| 40.09 | *Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.* |
| 80.17 | *The corner to sections* 25-26-35-36. |
| | *Land mountainous.* |
| | *Soil* 3rd rate |
| | *Vegetation,* Bunchgrass. |

Township 33 North Range 38 West

6th Principal Meridian.

| Chains | North, between Sections 25 and 26. Variation 14° 25' East. |
|---|---|
| | Descend. |
| 19.10 | Cross Niobrara River, |
| | 125 lks. wide, Course S.E. and ascend. |
| 40.00 | Set a post 3 ft. long, 3 ins. diam. |
| | 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post. |
| 46.50 | Top of Bluff, bears E. & W. |
| 80.00 | Set a Sand stone 15 x 9 x 5 ins. 10 ins. in the ground for Cor. to Secs. 23-24-25-26 marked with 2 notches on S. and 1 notch on E. edges, 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. |

Land rolling.
Soil 2nd & 3rd rate
Vegetation, Bunchgrass.



Township 33 North Range 38 West

6th Principal Meridian.

| Chains | East, on a random line between Sections 24 and 25. Variation 14° 30' East. |
|---|---|
| 20.00 | Ascend. |
| 33.00 | Top of Spur, bears N. and S. and descend. |
| 40.00 | Set temporary ¼ Sec. Cor. |
| 41.07 | Cross Wash, 60 lks. wide, Course S.W. and ascend. |
| 79.94 | Intersect E. B. of Tp. 5 lks. North of cor. to secs. 19-24-25-30 from which corner, I run N. 89° 58' W. on a true line, between sections 24-25. Variation 14° 30' E. East. |
| 39.97 | Set a post 3 ft. long, 3 ins. diam. |
| | 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on N. face, dug pits, 18 x 18 x 12 ins., N. and S. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post. |
| 79.94 | The corner to sections 23-24-25-26 59.94 lks. and 20.00 lks. flat |

Land mountainous.
Soil 2nd & 3rd rate
Vegetation, Bunchgrass.

| Chains | North, between Sections 23 and 24. Variation 15° 30′ East. |
|---|---|
| | *Over level land* |
| 40.00 | **Set a** Sand stone 10 x 9 x 7 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base. |
| 63.00 | Leave Flat bears N. 70° E., & S. 70° W., and ascend. |
| 80.00 | Set a Sand stone 14 x 10 x 7 ins. 9 ins. in the ground for Cor. to Secs 13-14-23-24 marked with 3 notches on S. and 1 notch on E. edges, 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. |
| | Land level & rolling. |
| | Soil 2nd rate |
| | Vegetation, Bunchgrass. |



| Chains | East, on a random line between Sections 13 and 24. Variation 14° 35′ East. |
|---|---|
| | *Descend.* |
| 11.50 | Cross Wash, 15 lks. wide, Course S. 10° E. and ascend. |
| 27.00 | Top of Spur, bears N. 20° W. & S. 20° E. and descend. |
| 40.00 | Set temporary ¼ Sec. Cor. |
| 79.88 | Intersect E. B. of Tp. 32 lks. South of cor. to secs. 13-18-19-24 from which corner, I run S. 89° 46′ W., on a true line, between sections 13-24. Variation 14° ~~25~~ 35′ East. |
| 39.94 | Set a Sand stone 13 x 11 x 9 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base. |
| 79.88 | The corner to sections 13-14-23-24. |
| | Land mountainous. |
| | Soil 2nd & 3rd rate |
| | Vegetation, Bunchgrass. |

Township 33 North Range 38 West

6th Principal Meridian.

| Chains | North, between Sections 13 and 14. Variation 14° 35′ East. |
|---|---|
| | *Ascend.* |
| 40.00 | *Set a* Sand *stone* 8 *x* 6 *x* 5 *ins.,* 5 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* W *face, dug pits 18 x 18 x 12 ins.,* E *and* W *. of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.* |
| 46.50 | *Top of Spur, bears* E. and W. *and descend.* |
| 72.00 | *Enter Flat bears* N.E. and S.W. |
| 80.00 | *Set a* Sand *stone* 13 x 9 *x* 5 *ins.* 9 *ins. in the ground for Cor. to Secs.* 11-12-13-14 *marked with* 4 *notches on S. and* 1 *notch on E. edges, 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.* |
| | *Land mountainous.* |
| | *Soil* 3rd *rate* |
| | *Vegetation,* Bunchgrass. |



Township 33 North Range 38 West

6th Principal Meridian.

| Chains | East, on a random line between Sections 12 and 13. Variation 14° 30′ East. |
|---|---|
| | *Over level land* |
| 36.00 | *Leave Flat bears* N. and S., *and ascend.* |
| 40.00 | *Set temporary* ¼ *Sec. Cor.* |
| 51.00 | *Top of Ridge, bears* N. and S., *and descend.* |
| 80.06 | *Intersect* E. B. *of Tp.* 14 *lks.* South *of cor. to secs.* 7-12-13-18 *from which corner, I run* S. 89° 54′ W., *on a true line, between sections* 12-13. *Variation* 14° 30′ *East.* |
| 40.03 | *Set a* Sand *stone* 8 *x* 8 *x* 4 *ins.,* 5 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* N *face, dug pits 18 x 18 x 12 ins.,* N *and* S *. of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.* |
| 80.06 | *The corner to sections* 11-12-13-14. |
| | *Land* 36.00 lks. *level.* & 44.06 lks *mountainous.* |
| | *Soil* 2nd & 3rd *rate* |
| | *Vegetation,* Bunchgrass. |

| Chains | North, between Sections 11 and 12. Variation 14° 30′ East. |
|---|---|
| | *Over level land* |
| 27.00 | *Leave Flat bears N.E. and S.W., and ascend.* |
| 40.00 | *Set a Sand stone 11 x 9 x 6 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.* |
| 41.00 | *Top of Spur, bears E. and W., and descend.* |
| 77.00 | *Cross Wash, 100 lks. wide, Course West and ascend.* |
| 80.00 | *Set a Sand stone 14 x 10 x 7 ins. 9 ins. in the ground for Cor. to Secs. 1-2-11-12 marked with 5 notches on S. and 1 notch on E. edges, 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.* |
| | *Land rolling & level.* |
| | *Soil 2nd rate* |
| | *Vegetation, Bunchgrass.* |



| Chains | East, on a random line between Sections 1 and 12. Variation 14° 30′ East. |
|---|---|
| | *Descend.* |
| 13.00 | *Cross Wash, 100 lks. wide, Course S.85° W. and ascend.* |
| 31.00 | *Top of Spur, bears N.E. and S.W. and descend.* |
| 40.00 | *Set temporary ¼ Sec. Cor.* |
| 47.00 | *Cross Wash, 50 lks. wide, Course South and ascend.* |
| 79.82 | *Intersect E. B. of Tp. 27 lks. South of cor. to secs. 1-6-7-12 from which corner, I run S.89° 48′ W. on a true line, between sections 1-12* |
| | *Variation 14° 30′ East.* |
| 39.91 | *Set a Sand stone 11 x 7 x 5 ins., 7 ~~ins.~~ in the ground, for ¼ Sec. Cor., marked ¼ on N ~~face~~, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.* |
| 79.82 | *The corner to sections 1-2-11-12* |
| | *Land mountainous.* |
| | *Soil 3rd rate* |
| | *Vegetation, Bunchgrass.* |

Township 33 North Range 38 West
6th Principal Meridian.

| Chains | North, on a random line between Sections 1 and 2. Variation 14° 30′ East. |
|---|---|
| | Ascend. |
| 14.00 | Top of Spur, bears E. and N., and descend. |
| 20.50 | Cross Wash, 250 lks. wide, Course E., and ascend. |
| 40.00 | Set temporary ¼ Sec. Cor. |
| 43.00 | Top of Spur, bears E. & N., and descend. |
| 70.00 | Cross Wash, 100 lks. wide, Course S.E., and ascend. |
| 77.00 | Top of Spur, bears E. and N., and descend. |
| 80.14 | Intersect N. B. of Tp. 37 lks. West of cor. to secs. 1-2-35-36 from which corner, I run S. 16 W., on a true line, between sections 1-2 |
| | Variation 14° ~~40′~~ 30′ East. |
| 40.~~17~~ 14 | Set a Sand stone 11 x 9 x 8 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base. |
| 80.14 | The corner to sections 1-2-11-12, |
| | Land mountainous. |
| | Soil 2nd & 3rd rate |
| | Vegetation, Bunchgrass, |
| | I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct. |
| | C. W. Dakin, Sept. 23, 1882. |



Township 33 North Range 38 West
6th Principal Meridian.

| Chains | North, between Sections 34 and 35. Variation 14° 15′ East. |
|---|---|
| | Descend gradually, |
| 40.00 | Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on W. face, dug pits, 18 x 18 x 12 ins., E. and W. of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post. |
| 47.00 | Leave Flat bears E. and N. |
| 69.25 | cross Niobrara River, 100 lks. wide, Course East, and ascend. |
| 80.00 | Set a Sand stone 13 x 10 x 10 ins. 9 ins. in the ground for Cor. to Secs. 26-27-34-35, marked with 1 notch on S. and 2 notches on E. edges, 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. |
| | Land rolling. |
| | Soil 2nd & 3rd rate |
| | Vegetation, Bunchgrass. |

Chains East, on a random line between Sections 26 and 35.

Variation 14° 30′ East.

*Ascend.*

23.00 *Top of Spur, bears* N. & S. *and descend.*

37.00 *Cross Canon,* 20 *lks. wide, Course* South *and ascend.*

40.00 *Set temporary* ¼ *Sec. Cor.*

47.00 *Top of Spur, bears* N. and S. *and descend.*

63.54 Cross Niobrara River,

100 *lks. wide, Course* N. 20° E. *and ascend.*

74.00 *Top of Spur, bears* N. and S. *and descend.*

79.82 *Intersect N. & S. line,* 12 *lks.* North *of cor. to secs.* 25-26-35-36 *from which corner, I run*

N. 89° 55′ W. *on a true line between sections* 26-35

*Variation* 14° ~~35~~ 30′ *East*

39.91 *Set a post* 3 *ft. long,* 3 *ins. diam.* 12 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ S. *on* N. *face, dug pits,* 18 x 18 x 12 *ins.,* N. *and* S. *of post* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base around post.*

79.82 *The corner to sections* 26-27-34-35,

*Land* mountainous.

*Soil* 2nd & 3rd *rate*

*Vegetation,* Bunchgrass.



Chains North, between Sections 26 and 27.

Variation 14° 30′ East.

*Descend.*

17.50 *Cross Wash,* 200 *lks. wide, Course* East *and ascend.*

31.00 *Top of Spur, bears* E. and W. *and descend.*

40.00 *Set a* Sand *stone* 11 x 9 x 7 *ins.,* 7 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* W. *face, dug pits* 18 x 18 x 12 *ins.,* E. *and* W. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*

63.00 *Enter Flat bears* E. and W.

80.00 *Set a* Sand *stone* 17 x 10 x 8 *ins.,* 12 *ins. in the ground for Cor. to Secs.* 22, 23, 26, 27 *marked with* 2 *notch es on S. and* 2 *notch es on E. edges, 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.*

63.00 chs. and 17.00 chains level

*Land* mountainous.

*Soil* 2nd & 3rd *rate*

*Vegetation,* Bunchgrass.

Township 33 North Range 38 West

6th Principal Meridian.

| Chains | |
|---|---|
| | East, on a random line between Sections 23 and 26. |
| | Variation 14° 35′ East. |
| | *Over level land* |
| 23.00 | *Leave Flat bears* N.W. & S.E. *and ascend gradually,* |
| 40.00 | *Set temporary ¼ Sec. Cor.* |
| 79.95 | *Intersect N. & S. line,* 16 *lks. South of cor. to secs.* 23-24-25-26 *from which corner, I run* S.89° 53′ *W. on a true line between sections* 23-26, |
| | *Variation* 14° 35′ *East* |
| 39.98 | *Set a* Sand *stone* 11 x 9 x 4 *ins.,* 7 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N *face, dug pits 18 x 18 x 12 ins.,* N *and* S *. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.* |
| 79.95 | *The corner to sections* 22-23-26-27, |
| | *Land* rolling & level. |
| | *Soil* 2nd rate |
| | *Vegetation,* Bunchgrass. |



Township 33 North Range 38 West

6th Principal Meridian.

| Chains | |
|---|---|
| | North, between Sections 22 and 23. |
| | Variation 14° 35′ East. |
| | *Over level land* |
| 13.00 | *Leave Flat bears* E. and W., *and ascend.* |
| 40.00 | *Set a* Sand *stone* 16 x 13 x 10 *ins.,* 11 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W *face, dug pits 18 x 18 x 12 ins.,* E *and* W. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.* |
| 80.00 | *Set a* Sand *stone* 16 x 13 x 7 *ins.* 11 *ins. in the ground for Cor. to Secs.* 14-15-22-23 *marked with* 3 *notches on S. and* 2 *notches on E. faces, 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.* |
| | *Land* level and Rolling. |
| | *Soil* 2nd rate |
| | *Vegetation,* Bunchgrass, |

Chains East, on a random line between Sections 14 and 23.

Variation 14° 45′ East.

*Descend.*

33.00 Cross Wash, 100 lks. wide, Course S.E., and ascend.

40.00 Set temporary ¼ Sec. Cor.

46.00 Top of Spur, bears N.W. & S.E., and descend.

68.50 Cross Wash, 200 lks. wide, Course South and ascend.

76.00 Top of Spur, bears N. and S., and descend.

80.20 Intersect N. & S. line, 45 lks. North of cor. to secs. 13-14-23-24 from which corner, I run N.89° 41′ W. on a true line between sections 14-23

Variation 14° ~~35~~ 45′ East

40.10 Set a Sand stone 12 x 8 x 5 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

80.20 The corner to sections 14-15-22-23,

Land mountainous.

Soil 2nd & 3rd rate

Vegetation, Bunchgrass,



Chains North, between Sections 14 and 15.

Variation 14° 45′ East.

*Descend.*

3.06 Cross Wash, 50 lks. wide, Course S.70° E., and ascend.

36.00 Top of Spur, bears E. and W., and descend.

40.00 Set a Sand stone 14 x 10 x 7 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.

42.00 Cross Wash, 50 lks. wide, Course East and ascend.

63.00 Top of Spur, bears N.W. and S.E., and descend.

80.00 Set a Sand stone 12 x 10 x 7 ins. 8 ins. in the ground for Cor. to Secs. 10-11-14-15 marked with 4 notches on S. and 2 notches on E. edges, 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.

Land mountainous.

Soil 2nd & 3rd rate

Vegetation, Bunchgrass.

| Chains | East, on a random line between Sections 11 and 14. Variation 14° 40′ East. |
|---|---|
| | *Ascend.* |
| 37.00 | *Top of Ridge, bears* N. and S., *and descend.* |
| 40.00 | *Set temporary ¼ Sec. Cor.* |
| 51.00 | *Enter Flat bears* N. and S. |
| 79.87 | *Intersect N. & S. line,* 11 *lks.* North *of cor. to secs.* 11-12-13-14 *from which corner, I run* N. 89° 55′ W. *on a true line between sections* 11-14, *Variation* 14° ~~30′~~ 40′, *East* |
| 39.94 | *Set a* Sand *stone* 13 x 10 x 7 *ins.,* 9 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N *face, dug pits 18 x 18 x 12 ins.,* N *and* S, *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.* |
| 79.87 | *The corner to sections* 10-11-14-15, *Land* 51.00 chs. *mountainous.* and 28.87 chs. level. *Soil* 2nd & 3rd *rate* *Vegetation,* Bunchgrass. |



| Chains | North, between Sections 10 and 11. Variation 14° 40′ East. |
|---|---|
| | *Descend.* |
| 14.00 | *Enter Flat bears* E. and W., |
| 40.00 | *Set a* Sand *stone* 12 x 10 x 8 *ins.,* 8 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W *face, dug pits 18 x 18 x 12 ins.,* E *and* W, *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.* |
| 51.00 | *Leave Flat bears* E. and W. *and ascend.* |
| 80.00 | *Set a* Sand *stone* 13 x 10 x 10 *ins.* 9 ~~ins.~~ *in the ground for Cor. to Secs.* 2-3-10-11 ~~*marked*~~ *with* 5 *notch* 8s *on S. and* 2 *notch* 8s *on E. edges, 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.* |
| | *Land* rolling. *Soil* 2nd *rate* *Vegetation,* Bunchgrass. |

Township 33 North Range 38 West
6th Principal Meridian.

| Chains | |
|---|---|
| | East, on a random line between Sections 2 and 11. |
| | Variation 14° 40' East. |
| | *Ascend.* |
| 39.00 | *Top of Spur, bears* N. and S. *and descend.* |
| 40.00 | *Set temporary ¼ Sec. Cor.* |
| 62.00 | *Cross Wash,* 50 *lks. wide, Course* S.E. *and ascend.* |
| 70.00 | *Top of Spur, bears* N.W. and S.E. *and descend.* |
| 80.09 | *Intersect N. & S. line,* 31 *lks.* North *of cor. to secs.* 1-2-11-12 *from which corner, I run* N.89°47' W. *on a true line between sections* 2-11 |
| | *Variation* 14° ~~30'~~ 40' *East* |
| 40.05 | *Set a* Sand *stone* 13 x 10 x 6 *ins.,* 9 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N *face, dug pits 18 x 18 x 12 ins.,* N *and* S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.* |
| 80.09 | *The corner to sections* 2-3-10-11, |
| | *Land mountainous.* |
| | *Soil* 3rd *rate* |
| | *Vegetation,* Bunchgrass. |



Township 33 North Range 38 West
6th Principal Meridian

| Chains | |
|---|---|
| | North, on a random line between Sections 2 and 3. |
| | Variation 14° 40' East. |
| | *Ascend.* |
| 11.50 | *Top of Ridge, bears* E. and W. *and descend.* |
| 34.50 | *Cross Wash,* 200 *lks. wide, Course* S.80 E. *and ascend.* |
| 40.00 | *Set temporary ¼ Sec. Cor.* |
| 55.00 | *Top of Spur, bears* E. and W. *and descend.* |
| 79.89 | *Intersect N. B. of Tp.* 10 *lks.* East *of cor. to secs.* 2-3-34-35 *from which corner, I run* S. 4' E., *on a true line, between sections* 2-3 |
| | *Variation* 14° 40' *East.* |
| 39.89 | *Set a* Sand *stone* 12 x 10 x 6 *ins.,* 8 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W *face, dug pits 18 x 18 x 12 ins.,* E *and* W. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.* |
| 79.89 | *The corner to sections* 2-3-10-11. |
| | *Land mountainous.* |
| | *Soil* 3rd *rate* |
| | *Vegetation,* Bunchgrass. |
| | *I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.* |
| | David McKay, Compassman, Sept 23, 1882. |

| Chains | North, between Sections 33 and 34. Variation 14° 35' East. |
|---|---|
| | *Over level land* |
| 19.00 | *Leave Flat bears* E. and W., *and ascend.* |
| 40.00 | *Set a* Sand stone 12 x 10 x 9 *ins.,* 8 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* W *face, dug pits 18 x 18 x 12 ins.,* E *and* W. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.* |
| 71.00 | *Top of Spur, bears* N.W. & S.E., *and descend.* |
| 80.00 | *Set a* Sand stone 14 x 12 x 6 *ins.* 9 *ins. in the ground for Cor. to Secs.* 27, 28, 33, 34 *marked with* 1 *notch on S. and* 3 *notches on E. edges, 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.* |
| | *Land rolling.* |
| | *Soil* 2nd & 3rd *rate* |
| | *Vegetation,* Bunchgrass. |



| Chains | East, on a random line between Sections 27 and 34. Variation 14° 40' East. |
|---|---|
| | *Descend.* |
| 31.00 | *Cross Wash,* 300 *lks. wide, Course* South *and ascend.* |
| 40.00 | *Set temporary* ¼ *Sec. Cor.* |
| 43.00 | *Top of Spur, bears* N. and S., *and descend.* |
| 79.97 | *Intersect N. & S. line,* 45 *lks.* South *of cor. to secs.* 26-27-34-35 *from which corner, I run* S. 89° 41' W. *on a true line between sections* 27-34 |
| | *Variation* 14° ~~30'~~ 40' *East* |
| 39.99 | *Set a* Sand stone 10 x 8 x 6 *ins.,* 7 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* N *face, dug pits 18 x 18 x 12 ins.,* N *and* S. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.* |
| 79.97 | *The corner to sections* 27-28-33-34. |
| | *Land mountainous.* |
| | *Soil* 3rd *rate* |
| | *Vegetation,* Bunchgrass. |

| Chains | North, between Sections 27 and 28. Variation 14° 40' East. |
|---|---|
| | Descend. |
| 17.00 | Enter Flat bears N. 70° E. and S. 70° W, |
| 34.00 | Leave Flat bears E. and W, and ascend. |
| 40.00 | Set a Sand stone 10 x 9 x 6 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base. |
| 57.00 | Top of Spur, bears E. and W, and descend. |
| 80.00 | Set a Sand stone 14 x 10 x 8 ins. 9 ins. in the ground for Cor. to Secs. 21-22-27-28 marked with 2 notch es on S. and 3 notch es on E. edges, 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. |
| | Land mountainous. 63.00 lks. and 17.00 lks. level. |
| | Soil 2nd rate |
| | Vegetation, Bunchgrass. |



| Chains | East on a random line between Sections 22 and 27. Variation 14° 40' East. |
|---|---|
| | Over rolling land. |
| 14.00 | Cross Wash, 200 lks. wide, Course N, and ascend. |
| 40.00 | Set temporary ¼ Sec. Cor. |
| 47.00 | Top of Ridge, bears N. and S. and descend. |
| 70.00 | Enter Flat bears N. W. and S. E., |
| 79.73 | Intersect N. & S. line, 8 lks. North of cor. to secs. 22-23-26-27 from which corner, I run N 89° 57' W. on a true line between sections 22-27. Variation 14° ~~35'~~ 40' East |
| 39.87 | Set a Sand stone 14 x 10 x 6 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base. |
| 79.73 | The corner to sections 21-22-27-28, |
| | Land mountainous. 70.00 lks. and 9.73 lks. level. |
| | Soil 2nd rate |
| | Vegetation, Bunchgrass. |

Township 33 North Range 38 West

6th Principal Meridian.

| Chains | North, between Sections 21 and 22. Variation 14°40' East. |
|---|---|
| | *Descend.* |
| 22.00 | *Cross Wash, 300 lks. wide, Course E, and ascend.* |
| 40.00 | *Set a Sand stone 10 x 8 x 5 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base. on* |
| | *Top of Spur, bears E. and W., and descend.* |
| 50.00 | *Cross Wash, 25 lks. wide, Course E, and ascend.* |
| 60.00 | *Top of Spur, bears E. and W., and descend.* |
| 80.00 | *Set a Sand stone 14 x 12 x 10 ins. 9 ins. in the ground for Cor. to Secs 15-16-21-22, marked with 3 notches on S. and 3 notches on E. edges, 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.* |
| | *Land mountainous.* |
| | *Soil 2nd rate* |
| | *Vegetation, Bunchgrass.* |



Township 33 North Range 38 West

6th Principal Meridian.

| Chains | East, on a random line between Sections 15 and 22. Variation 14°45' East. |
|---|---|
| | *Descend.* |
| 14.00 | *Cross Wash, 200 lks. wide, Course N10E, and ascend.* |
| 40.00 | *Set temporary ¼ Sec. Cor.* |
| 55.00 | *Top of Spur, bears N. and S., and descend.* |
| 79.81 | *Intersect N. & S. line, 41 lks. North of cor. to secs. 14-15-22-23 from which corner, I run N89°42' W. on a true line between sections 15-22,* |
| | *Variation 14°45' East* |
| 39.91 | *Set a Sand stone 11 x 10 x 5 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.* |
| 79.81 | *The corner to sections 15-16-21-22.* |
| | *Land mountainous.* |
| | *Soil 2nd rate* |
| | *Vegetation, Bunchgrass.* |

| Chains | North, between Sections 15 and 16. Variation 14° 45' East. |
|---|---|
| | *Descend.* |
| 22.00 | *Cross Wash,* 300 *lks. wide, Course* East *and ascend.* |
| 40.00 | *Set a* Sand *stone* 11 x 9 x 7 *ins.,* 7 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N *face, dug pits 18 x 18 x 12 ins.,* E *and* N *. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.* |
| 73.00 | *Top of Spur, bears* E. and W, *and descend.* |
| 80.00 | *Set a* Sand *stone* 12 x 10 x 8 *ins.* 8 *ins. in the ground for Cor. to Secs.* 9-10-15-16 *marked with* 4 *notches on S. and* 3 *notches on E. edges, 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.* |

*Land* rolling.
*Soil* 2nd *rate*
*Vegetation,* Bunchgrass.



| Chains | East, on a random line between Sections 10 and 15. Variation 14° 50' East. |
|---|---|
| | *Descend.* |
| 7.25 | *Cross Wash,* 50 *lks. wide, Course* N.80°W, *and ascend.* |
| 19.00 | *Top of Spur, bears* N.20°W. & S.20°E, *and descend.* |
| 40.00 | *Set temporary ¼ Sec. Cor.* |
| 47.00 | *Cross Wash,* 50 *lks. wide, Course* N.W, *and ascend.* |
| 69.00 | *Top of Spur, bears* N.W. & S.E, *and descend.* |
| 79.69 | *Intersect N. & S. line,* 12 *lks.* South *of cor. to secs.* 10-11-14-15 *from which corner, I run* S.89°55' W. *on a true line between sections* 10-15 *Variation* 14° ~~40'~~ 50' *East* |
| 39.85 | *Set a* Sand *stone* 10 x 8 x 5 *ins.,* 7 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N *face, dug pits 18 x 18 x 12 ins.,* N *and* S *. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.* |
| 79.69 | *The corner to sections* 9-10-15-16. |

*Land* mountainous.
*Soil* 3rd *rate*
*Vegetation,* Bunchgrass.

Township 33 North Range 38 West

6th Principal Meridian.

| Chains | North, between Sections 9 and 10. |
|---|---|
| | Variation 14° 25′ East. |
| | *Descend.* |
| 3.50 | Cross Wash, 200 lks. wide, Course West, and ascend. |
| 38.00 | Top of Spur, bears E. and W., and descend. |
| 40.00 | Set a Sand stone 14 x 12 x 8 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base. |
| 60.00 | Cross Wash, 200 lks. wide, Course West and ascend. |
| 73.00 | Top of Spur, bears N. 70° E. V S. 70° W. and descend. |
| 80.00 | Set a Sand stone 12 x 10 x 10 ins. 8 ins. in the ground for Cor. to Secs. 3-4-9-10 marked with 5 notches on S. and 3 notches on E. edges, 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. |

Land mountainous.
Soil 2nd & 3rd rate
Vegetation, Bunchgrass.

Township 33 North Range 38 West

6th Principal Meridian.



| Chains | East on a random line between Sections 3 and 10. |
|---|---|
| | Variation 14° 50′ East. |
| | *Ascend.* |
| 17.00 | Top of Spur, bears N. 20° W. V S. 20° E., and descend. |
| 40.00 | Set temporary ¼ Sec. Cor. |
| 44.00 | Enter Flat bears N. 30° W. and S. 30° E. |
| 61.00 | Leave Flat bears N. W. and S. E., and ascend. |
| 79.80 | Intersect N. & S. line, 20 lks. North of cor. to secs. 2-3-10-11 from which corner, I run N. 89° 51′ W. on a true line between sections 3-10, Variation 14° ~~40~~ 50′ East |
| 39.90 | Set a Sand stone 11 x 9 x 6 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base. |
| 79.80 | The corner to sections 3-4-9-10, 62.80 chs. and 17.00 chains level. |

Land mountainous.
Soil 2nd & 3rd rate
Vegetation, Bunchgrass.

Township 33 North Range 38 West

6th Principal Meridian.

Chains North, on a random line between Sections 3 and 4.

Variation 14° 50′ East.

*Descend.*

4.75 *Cross Wash,* 100 *lks. wide, Course* W, *and ascend.*

21.00 *Top of Spur, bears* E. and W, *and descend.*

40.00 *Set temporary* ¼ *Sec. Cor.*

79.94 *Intersect* N *B. of Tp.* 46 *lks* East *of cor. to secs.* 3-4-33-34 *from which corner, I run* S. 20′ E., *on a true line, between sections* 3 – 4

*Variation* 14° 50′ *East.*

39.94 *Set a* Sand *stone* 14 x 10 x 4 *ins.,* 9 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* W *face, dug pits 18 x 18 x 12 ins.,* E *and* W *. of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*

79.94 *The corner to sections* 3 – 4 – 9 – 10

*Land mountainous.*

*Soil* 3rd *rate*

*Vegetation,* Bunchgrass.

*I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.*

C. W. Dakin, Sept. 25, 1882.



Township 33 North Range 38 West

6th Principal Meridian.

Chains North, between Sections 32 and 33.

Variation 14° 35′ East.

*Descend.*

30.00 *Cross Wash,* 200 *lks. wide, Course* S.E., *and ascend.*

40.00 *Set a* Sand *stone* 11 x 9 x 5 *ins.,* 7 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* W *face, dug pits 18 x 18 x 12 ins.,* E *and* W *. of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*

72.00 *Top of Spur, bears* N.W. & S.E., *and descend.*

80.00 *Set a* Sand *stone* 20 x 10 x 8 *ins.* 15 *ins. in the ground for Cor. to Secs* 28-29-32-33 ~~*marked*~~ *with* 1 *notch on S. and* 4 *notch* 28 ~~*on E. edges,*~~ *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.*

*Land mountainous.*

*Soil* 3rd *rate*

*Vegetation,* Bunchgrass.

| Chains | East, on a random line between Sections 28 and 33. |
|---|---|
| | Variation 14° 30′ East. |
| | Descend. gradually |
| 22.00 | Cross low Sag and ascend. |
| 40.00 | Set temporary ¼ Sec. Cor. |
| 46.00 | Top of Spur, bears N. and S., and descend. |
| 55.00 | Enter Flat bears N. and S., |
| 69.00 | Leave Flat bears N. and S. and ascend gradually, |
| 72.00 | Top of Spur, bears N.W. & S.E., and descend. |
| 80.11 | Intersect N. & S. line, 9 lks. North of cor. to secs. 27-28-33-34 from which corner, I run N.89°56′ W. on a true line between sections 28-33, |
| | Variation 14° ~~40′~~ 30′ East |
| 40.06 | Set a Sand stone 12x12x10 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base. |
| 80.11 | The corner to sections 28-29-32-33, 66.11 lks. Land Mountainous and 14.00 lks. level. Soil 2nd & 3rd rate Vegetation, Bunchgrass. |



| Chains | North, between Sections 28 and 29. |
|---|---|
| | Variation 14° 30′ East. |
| | Descend. |
| 23.00 | Cross Wash, 200 lks. wide, Course S.30 E. and ascend. |
| 40.00 | Set a Sand stone 10 x 8 x 8 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base. |
| 51.00 | Top of Spur, bears N.70° E. & S.70° W. and descend. |
| 80.00 | Set a Sand stone 14x10 x 8 ins. 9 ins. in the ground for Cor. to Secs. 20-21-28-29 ~~marked~~ with 2 notches on S. and 4 notches on ~~E. edge~~, 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. |
| | Land mountainous. |
| | Soil 3rd rate |
| | Vegetation, Bunchgrass. |

Chains East, on a random line between Sections 21 and 28.

Variation 14° 35′ East.

*Ascend.*

7.50 *Top of Spur, bears* N. and S. *and descend.*

23.00 *Cross Wash,* 50 *lks. wide, Course* N.W. *and ascend.*

37.00 *Top of Spur, bears* N.40°W. & S.40°E. *and descend.*

40.00 *Set temporary ¼ Sec. Cor.*

43.00 *Cross Wash,* 25 *lks. wide, Course* N. *and ascend.*

62.00 *Top of Spur, bears* N. and S. *and descend.*

80.27 *Intersect N. & S. line,* 31 *lks.* North *of cor. to secs. 21-22-27-28 from which corner, I run N.89°47′ W. on a true line between sections 21-28,*

*Variation* 14° ~~40′~~ 35′ *East*

40.14 *Set a* Sand *stone* 11 x 8 x 4 *ins.,* 7 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N *face, dug pits 18 x 18 x 12 ins.,* N *and* S *. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*

80.27 *The corner to sections* 20-21-28-29,

*Land mountainous.*

*Soil* 2nd & 3rd *rate*

*Vegetation,* Bunchgrass.



Chains North, between Sections 20 and 21.

Variation 14° 35′ East.

*Descend.*

13.00 *Cross Wash,* 100 *lks. wide, Course* S.60°W. *and ascend.*

27.00 *Top of Spur, bears* S.50°W. & N.50°E. *and descend.*

34.00 *Cross Wash,* 50 *lks. wide, Course* West *and ascend.*

40.00 *Set a* Sand *stone* 8 x 7 x 5 *ins.,* 5 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W *face, dug pits 18 x 18 x 12 ins.,* E *and* W *. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*

77.00 *Top of Spur, bears* E. and W. *and descend.*

80.00 *Set a* Sand *stone* 12 x 12 x 6 *ins.* 8 *ins. in the ground for Cor. to Secs.* 16-17-20-21, *marked with* 3 *notches on S. and* 4 *notches on E. edges, 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.*

*Land mountainous.*

*Soil* 2nd & 3rd *rate*

*Vegetation,* Bunchgrass.

Township 33 North Range 38 West

6th Principal Meridian.

| Chains | East, on a random line between Sections 16 and 21. Variation 14° 30′ East. |
|---|---|
| | *Ascend.* |
| 14.00 | Top of Spur, bears N.E. and S.W. and descend. |
| 23.00 | Cross Wash, 200 lks. wide, Course N.25°E. and ascend. |
| 40.00 | Set temporary ¼ Sec. Cor. |
| 79.96 | Intersect N. & S. line, 17 lks. South of cor. to secs. 15-16-21-22, from which corner, I run S.89°53′ W. on a true line between sections 16 - 21 Variation 14° ~~45′~~ 30′ East |
| 39.98 | Set a Sand stone 8 x 8 x 4 ins., 5 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base. |
| 79.96 | The corner to sections 16-17-20-21, |
| | Land mountainous. |
| | Soil 2nd & 3rd rate |
| | Vegetation, Bunchgrass. |



Township 33 North Range 38 West

6th Principal Meridian.

| Chains | North, between Sections 16 and 17. Variation 14° 30′ East. |
|---|---|
| | *Descend.* |
| 5.00 | Cross Wash, 250 lks. wide, Course East, and ascend. |
| 37.00 | Top of Spur, bears E. and W. and descend. |
| 40.00 | Set a Sand stone 14x10 x10 ins., 9 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base. |
| 45.00 | Cross Wash, 100 lks. wide, Course N80°W and ascend. |
| 66.00 | Top of Spur, bears N.W. & S.E. and descend. |
| 80.00 | Set a Sand stone 14x10 x10 ins. 9 ins. in the ground for Cor. to Secs. 8-9-16-17, marked with 4 notch 80 on S. and 4 notch 80 on E. edges, 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. |
| | Land mountainous. |
| | Soil 2nd & 3rd rate |
| | Vegetation, Bunchgrass. |

Chains East, on a random line between Sections 9 and 16.

Variation 14° 25′ East.

*Ascend.*

22.00 *Top of Spur, bears* N.E. & S.W., *and descend.*

32.50 *Cross Wash,* 100 *lks. wide, Course* N.40° E., *and ascend.*

40.00 *Set temporary* ¼ *Sec. Cor.*

57.00 *Top of Spur, bears* N. and S., *and descend.*

79.83 *Intersect N. & S. line,* 26 *lks.* South *of cor. to secs.* 9-10-15-16 *from which corner, I run*

S 89° 49′ W. *on a true line between sections* 9-16

*Variation* 14° ~~30~~ 25′ *East*

39.92 *Set a* Sand *stone* 11 x 9 x 6 *ins.,* 7 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* N *face, dug pits* 18 x 18 x 12 *ins.,* N *and* S *. of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*

79.83 *The corner to sections* 8-9-16-17.

*Land mountainous.*

*Soil* 2nd & 3rd *rate*

*Vegetation,* Bunchgrass.



Chains North, between Sections 8 and 9.

Variation 14° 25′ East.

*Descend.*

8.00 *Cross Wash,* 250 *lks. wide, Course* West, *and ascend.*

27.50 *Top of Spur, bears* E. and W., *and descend.*

40.00 *Set a* Sand *stone* 11 x 8 x 6 *ins.,* 7 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* W *face, dug pits* 18 x 18 x 12 *ins.,* E *and* W *. of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.*

43.00 *Cross Wash,* 200 *lks. wide, Course* East, *and ascend.*

57.00 *Top of Spur, bears* E. and W., *and descend.*

80.00 *Set a* Sand *stone* 17 x 13 x 10 *ins.* 12 *ins. in the ground for Cor. to Secs.* 4-5-8-9 *marked with* 5 *notches on S. and* 4 *notches on E. edges, 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.*

*Land mountainous.*

*Soil* 2nd & 3rd *rate*

*Vegetation,* Bunchgrass.

Township 33 North Range 38 West

6th Principal Meridian.

| Chains | East, on a random line between Sections 4 and 9. |
|---|---|
| | Variation 14° 30′ East. |
| | Descend gradually. |
| 6.50 | Enter Flat bears N. and S. |
| 40.00 | Set temporary ¼ Sec. Cor. |
| 45.00 | Leave Flat bears N. and S. and ascend gradually. |
| 79.77 | Intersect N. & S. line, 5 lks. North of cor. to secs. 3-4-9-10 from which corner, I run N. 89° 58′ W. on a true line between sections 4-9 |
| | Variation 14° ~~50~~ 30′ East |
| 39.89 | Set a Sand stone 15 x 9 x 4 ins., 10 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base. |
| 79.77 | The corner to sections 4-5-8-9. |
| | Land rolling. |
| | Soil 2nd rate |
| | Vegetation, Bunchgrass. |



Township 33 North Range 38 West

6th Principal Meridian.

| Chains | North, on a random line between Sections 4 and 5. |
|---|---|
| | Variation 14° 30′ East. |
| | Along East Slope. |
| 18.00 | Enter Flat bears N.W. and S.E. |
| 33.00 | Leave Flat bears E. and W. and ascend. |
| 40.00 | Set temporary ¼ Sec. Cor. |
| 60.00 | Top of Spur, bears N.W. and S.E. and descend. |
| 79.98 | Intersect N B. of Tp. 4 lks. West of cor. to secs. 4-5-32-33, from which corner, I run S. 2′ W. on a true line, between sections 4-5, |
| | Variation 14° ~~25~~ 30′ East. |
| 39.98 | Set a Sand stone 12 x 10 x 6 ins., 8 ins. in the ground, for ¼ Sec. Cor., marked ¼ on W face, dug pits 18 x 18 x 12 ins., E and W. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base. |
| 79.98 | The corner to sections 4-5-8-9. |
| | Land 20.00 chs. level. & 59.98 chs. mountainous. |
| | Soil 2nd & 3rd rate |
| | Vegetation, Bunchgrass. |
| | I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct. |
| | David McKay, Compassman, Sept. 25, 1882. |

Township 33 North Range 38 West

6th Principal Meridian.

| Chains | |
|---|---|
| | North, between Sections 31 and 32. |
| | Variation 14° 30' East. |
| | *Over rolling land.* |
| 23.00 | *Cross Wash,* 50 *lks. wide, Course* S.E., *and ascend.* |
| 40.00 | *Set a* Sand *stone* 13 x 10 x 8 *ins.,* 9 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* W *face, dug pits* 18 x 18 x 12 *ins.,* E *and* W. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.* |
| 63.00 | *Top of Spur, bears* E. and N., *and descend.* |
| 80.00 | *Set a* Sand *stone* 14 x 10 x 9 *ins.* 9 *ins. in the ground for Cor. to Secs.* 29-30-31-32, *marked with* / *notch on S. and* 5 *notch* 80 *on E. edges, 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.* |
| | *Land* rolling. |
| | *Soil* 2nd & 3rd *rate* |
| | *Vegetation,* Bunchgrass. |



Township 33 North Range 38 West

6th Principal Meridian.

| Chains | |
|---|---|
| | East, on a random line between Sections 29 and 32. |
| | Variation 14° 25' East. |
| | *Ascend.* |
| 11.50 | *Top of Spur, bears* N.10°E. & S.10°W., *and descend.* |
| 27.50 | *Cross Wash,* 200 *lks. wide, Course* S., *and ascend.* |
| 40.00 | *Set temporary* ¼ *Sec. Cor.* |
| 47.00 | *Top of Spur, bears* N.W. & S.E., *and descend.* |
| 54.00 | *Cross Wash,* 200 *lks. wide, Course* S.E., *and ascend.* |
| 73.00 | *Top of Spur, bears* N.W. & S.E., *and descend.* |
| 79.94 | *Intersect N. & S. line,* 21 *lks.* North *of cor. to secs.* 28-29-32-33, *from which corner, I run* N.89°51' *W. on a true line between sections* 29-32, |
| | *Variation* 14° ~~30'~~ 25' *East* |
| 39.97 | *Set a* Sand *stone* 10 x 10 x 8 *ins.,* 7 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* N *face, dug pits* 18 x 18 x 12 *ins.,* N *and* S. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.* |
| 79.94 | *The corner to sections* 29-30-31-32, |
| | *Land* mountainous. |
| | *Soil* 2nd & 3rd *rate* |
| | *Vegetation,* Bunchgrass. |
| | C. W. Dakin, Sept. 26, 1882. |

Township 33 North Range 38 West

6th Principal Meridian.

| Chains | West, on a random line between Sections 30 and 31. Variation 14° 25′ East. |
|---|---|
| | *Ascend.* |
| 10.50 | *Top of Spur, bears* N. and S., *and descend.* |
| 40.00 | *Set temporary ¼ Sec. Cor.* |
| 54.00 | *Cross Wash,* 200 *lks. wide, Course* S., *and ascend.* |
| 80.08 | ***Intersect*** *W. B. of Tp.* 38 *lks.* North *of cor. to secs.* 25-30-31-36 *from which corner, I run* N. 89° 44′ E., *on a true line, between sections* 30-31, ***Variation*** 14° ~~30′~~ 25′ *East.* |
| 40.08 | ***Set a*** Sand *stone* 10 x 8 x 5 *ins.,* 7 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N *face, dug pits 18 x 18 x 12 ins.,* N. and S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.* |
| 80.08 | *The corner to sections* 29-30-31-32, *Land mountainous. Soil* 2nd & 3rd *rate Vegetation,* Bunchgrass. David McKay, Compassman, Sept. 26, 1882. |



Township 33 North Range 38 West

6th Principal Meridian

| Chains | North, between Sections 29 and 30. Variation 14° 25′ East. |
|---|---|
| | *Descend.* |
| 17.00 | *Cross Wash,* 150 *lks. wide, Course* S. 70° E., *and ascend.* |
| 40.00 | ***Set a*** Sand *stone* 10 x 8 x 5 *ins.,* 7 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W *face, dug pits 18 x 18 x 12 ins.,* E. and W. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.* |
| 65.00 | *Top of Spur, bears* E. and W., *and descend.* |
| 80.00 | ***Set a*** Sand *stone* 14 x 12 x 10 *ins.* 9 *ins. in the ground for Cor. to Secs.* 19-20-29-30, *marked with* 2 *notches on S. and* 5 *notches on E. edges, 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.* |
| | *Land mountainous. Soil* 3rd *rate Vegetation,* Bunchgrass. |

Township 33 North Range 38 West
6th Principal Meridian.

| Chains | East, on a random line between Sections 20 and 29. |
|---|---|
| | Variation 14° 30′ East. |
| | *Descend.* |
| 18.00 | *Cross Wash, 200 lks. wide, Course N.W. and ascend.* |
| 23.00 | *Top of Spur, bears N. and S. and descend.* |
| 40.00 | *Set temporary ¼ Sec. Cor.* |
| 52.00 | *Cross Wash, 200 lks. wide, Course N.20°E. and ascend.* |
| 60.00 | *Top of Spur, bears N. and S. and descend.* |
| 79.71 | *Intersect N. & S. line, 58 lks North of cor. to secs. 20-21-28-29, from which corner, I run N.89° 35′ W. on a true line between sections 20-29,* |
| | *Variation 14° 30′ East* |
| 39.86 | *Set a Sand stone 11 x 10 x 8 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.* |
| 79.71 | *The corner to sections 19-20-29-30,* |
| | *Land mountainous.* |
| | *Soil 3rd rate* |
| | *Vegetation, Bunchgrass.* |
| | *C. W. Dakin, Sept. 26, 1882* |



Township 33 North Range 38 West
6th Principal Meridian.

| Chains | West, on a random line between Sections 19 and 30. |
|---|---|
| | Variation 14° 30′ East. |
| | *Ascend.* |
| 35.00 | *Top of Ridge, bears N. and S. and descend.* |
| 40.00 | *Set temporary ¼ Sec. Cor.* |
| 45.00 | *Cross Wash, 200 lks. wide, Course N.20°W. and ascend.* |
| 53.00 | *Top of Spur, bears N. and S. and descend.* |
| 79.93 | *Intersect W. B. of Tp. 80 lks. North of cor. to secs. 19-24-25-30, from which corner, I run N.89° 26′ E. on a true line, between sections 19-30* |
| | *Variation 14° 25′ East.* |
| 39.93 | *Set a Sand stone 10 x 7 x 5 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.* |
| 79.93 | *The corner to sections 19-20-29-30,* |
| | *Land mountainous.* |
| | *Soil 3rd rate* |
| | *Vegetation, Bunchgrass.* |
| | *David McKay, Compassman, Sept. 26, 1882* |

Township 33 North Range 38 West

6th Principal Meridian.

| Chains | |
|---|---|
| | North, between Sections 19 and 20. |
| | Variation 14° 30′ East. |
| | *Descend.* |
| 21.00 | *Enter Flat bears* E. and W. |
| 40.00 | *Set a* Sand *stone* 11 x 9 x 4 *ins.,* 7 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* N *face, dug pits* 18 x 18 x 12 *ins.,* E *and* W. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.* |
| 80.00 | *Set a post* 4 *ft. long,* 4 *ins. square, 12 ins. in the ground, for Cor. to Secs,* 17-18-19-20, *marked* T33N. S. 17, *on N, E, R,* 38W., S. 20 *on S, E, S,* 19 *on S, W, and S,* 18 *on N, W, face, with* 3 *notches on S, and* 5 *notches on E, edges, 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 around post.* |
| | *Land* rolling. |
| | *Soil* 2nd rate |
| | *Vegetation,* Bunchgrass. |



| Chains | |
|---|---|
| | East, on a random line between Sections 17 and 20. |
| | Variation 14° 25′ East. |
| | *Enter Flat* ~~bears~~ |
| 22.50 | *Leave Flat bears* N. and S. *and ascend* gradually |
| 40.00 | *Set temporary* ¼ *Sec. Cor.* |
| 57.00 | *Top of Spur, bears* N. and S. *and descend.* |
| 65.00 | *Cross Wash,* 25 *lks. wide, Course* N.W. *and ascend.* |
| 79.66 | *Intersect N. & S. line,* 15 *lks* North *of cor. to secs.* 16-17-20-21 *from which corner, I run* N 89° 54′ W. *on a true line between sections* 17-20, |
| | *Variation* 14° 30′ 25 *East* |
| 39.83 | *Set a* Sand *stone* 10 x 8 x 7 *ins.,* 7 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* N *face, dug pits* 18 x 18 x 12 *ins.,* N *and* S *. of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.* |
| 79.66 | *The corner to sections* 17-18-19-20. |
| | *Land* rolling. |
| | *Soil* 2nd rate |
| | *Vegetation,* Bunchgrass. |
| | C. W. Dakin, Sept. 26, 1882. |

Township 33 North Range 38 West

6th Principal Meridian.

| Chains | |
|---|---|
| | West, on a random line between Sections 18 and 19. |
| | Variation 14° 25′ East. |
| | *Over level land* |
| 18.00 | *Leave Flat bears* N. and S. *and ascend.* |
| 40.00 | *Set temporary ¼ Sec. Cor.* |
| 47.00 | *Top of Ridge, bears* N. and S. *and descend.* |
| 79.80 | *Intersect* W. B. *of Tp.* 20 *lks.* North *of cor. to secs.* 13-18-19-24 *from which corner, I run* N 89° 51′ E, *on a true line, between sections* 18-19, |
| | *Variation* 14° ~~30′~~ 35′ *East.* |
| 39.80 | *Set a* Sand *stone* 12 x 10 x 9 *ins.,* 8 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* N *face, dug pits 18 x 18 x 12 ins.,* N. and S. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.* |
| 79.80 | *The corner to sections* 17-18-19-20, |
| | *Land* 61.80 lks. *mountainous.* & 18.00 lks. *level.* |
| | *Soil* 2nd *rate* |
| | *Vegetation,* Bunchgrass. |
| | David McKay, Compassman, Sept. 26, 1882. |



Township 33 North Range 38 West

6th Principal Meridian.

| Chains | |
|---|---|
| | North, between Sections 17 and 18. |
| | Variation 14° 25′ East. |
| | *Over level land* |
| 37.00 | *Leave Flat bears* E. and W. *and ascend.* |
| 40.00 | *Set a* Sand *stone* 14 x 10 x 4 *ins.,* 9 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W *face, dug pits 18 x 18 x 12 ins.,* E *and* W. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.* |
| 52.00 | *Top of Spur, bears* E. and W. *and descend.* |
| 80.00 | *Set a* Sand *stone* 16 x 14 x 9 *ins.* 11 *ins. in the ground for Cor. to Secs.* 7-8-17-18 *marked with* 4 *notch* ∞ *on S. and* 5 *notch* ∞ *on E. edges, 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.* |
| | *Land* rolling. |
| | *Soil* 2nd *rate* |
| | *Vegetation,* Bunchgrass. |

Township 33 North Range 38 West

6th Principal Meridian.

| Chains | East, on a random line between Sections 8 and 17. Variation 14° 35′ East. |
|---|---|
| | *Descend.* |
| 33.00 | *Cross Wash, 250 lks. wide, Course S, and ascend.* |
| 40.00 | *Set temporary ¼ Sec. Cor.* |
| 47.00 | *Top of Spur, bears N. 20° E. & S. 20° W. and descend.* |
| 54.00 | *Cross Wash, 200 lks. wide, Course S. 10° W. and ascend.* |
| 80.02 | *Intersect N. & S. line, 66 lks. North of cor. to secs. 8-9-16-17, from which corner, I run N. 89° 32′ W. on a true line between sections 8-17,* |
| | *Variation 14° 25′ East* |
| 40.01 | *Set a Sand stone 10 x 10 x 9 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.* |
| 80.02 | *The corner to sections 7-8-17-18,* |
| | *Land mountainous.* |
| | *Soil 2nd rate* |
| | *Vegetation, Bunchgrass.* |
| | *C. W. Dakin, Sept. 26, 1882.* |



Township 33 North Range 38 West

6th Principal Meridian.

| Chains | West, on a random line between Sections 7 and 18. Variation 14° 35′ East. |
|---|---|
| | *Ascend.* |
| 7.00 | *Top of Ridge, bears N. & S, and descend.* |
| 40.00 | *Set temporary ¼ Sec. Cor.* |
| 72.00 | *Enter Flat bears N. 5° E. & S. 5° W.* |
| 79.61 | *Intersect W. B. of Tp. 4 lks South of cor. to secs. 7-12-13-18 from which corner, I run S. 89° 58′ E. on a true line, between sections 7-18* |
| | *Variation 14° 30′ East.* |
| 39.61 | *Set a Sand stone 11 x 9 x 7 ins., 7 ins. in the ground, for ¼ Sec. Cor., marked ¼ on N face, dug pits 18 x 18 x 12 ins., N and S. of stone ½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.* |
| 79.61 | *The corner to sections 7-8-17-18, 72.00 chs. and 7.61 chs. level.* |
| | *Land mountainous.* |
| | *Soil 2nd rate* |
| | *Vegetation, Bunchgrass.* |
| | *David McKay, Compassman, Sept. 26, 1882.* |

Township 33 North Range 38 West

6th Principal Meridian.

| Chains | North, between Sections 7 and 8. |
|---|---|
| | Variation 14°35′ East. |
| | *Ascend.* |
| 2.00 | *Top of Spur, bears* E. and W., *and descend.* |
| 30.00 | *Cross Wash,* 200 *lks. wide, Course* E., *and ascend.* |
| 40.00 | *Set a* Sand *stone* 10 x 8 x 5 *ins.,* 7 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* W *face, dug pits* 18 x 18 x 12 *ins.,* E *and* W. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.* |
| 75.00 | *Top of Spur, bears* N.80° W. & S.80° E., *and descend.* |
| 80.00 | *Set a* Sand *stone* 13 x 11 x 9 *ins.* 9 *ins. in the ground for Cor. to Secs.* 5-6-7-8, *marked with* 5 *notch* ∞ *on S. and* 5 *notch* ∞ *on E. edges, 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.* |
| | *Land mountainous.* |
| | *Soil* 3rd *rate* |
| | *Vegetation,* Bunchgrass. |



Township 33 North Range 38 West

6th Principal Meridian.

| Chains | East, on a random line between Sections 5 and 8. |
|---|---|
| | Variation 14°40′ East. |
| | *Ascend.* |
| 7.00 | *Top of Spur, bears* N.10° E. & S.10° W. *and descend.* |
| 21.00 | *Cross low Sag and ascend.* |
| 34.00 | *Top of Spur, bears* N. and S. *and descend.* |
| 40.00 | *Set temporary* ¼ *Sec. Cor.* |
| 51.00 | *Cross Wash,* 200 *lks. wide, Course* S. *and ascend.* |
| 75.00 | *Top of Spur, bears* N. and S. *and descend.* |
| 79.85 | *Intersect N. & S. line,* 12 *lks.* North *of cor. to secs.* 4-5-8-9 *from which corner, I run* N.89° 55′ W. *on a true line between sections* 5-8, |
| | *Variation* 14° ~~30′~~ 40′ *East.* |
| 39.93 | *Set a* Sand *stone* 13 x 9 x 4 *ins.,* 9 *ins. in the ground, for* ¼ *Sec. Cor., marked* ¼ *on* N *face, dug pits* 18 x 18 x 12 *ins.,* N *and* S. *of stone* 5½ *ft. dist., and raised a mound of earth* 1½ *ft. high,* 3½ *ft. base.* |
| 79.85 | *The corner to sections* 5-6-7-8, |
| | *Land mountainous.* |
| | *Soil* 2nd & 3rd *rate* |
| | *Vegetation,* Bunchgrass, |
| | *I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.* |
| | C. W. Dakin, Sept. 26, 1882. |

Township 33 North Range 38 West

6th Principal Meridian.

Chains West, on a random line between Sections 6 and 7.

Variation 14°40′ East.

*Over rolling land.*

25.00 *Enter Flat bears* N.10°E. and S.10°W.

40.00 *Set temporary ¼ Sec. Cor.*

79.44 *Intersect* W. B. of Tp. 31 lks. South of cor. to secs. 1-6-7-12 *from which corner, I run* S.89°47′E. *on a true line, between sections* 6-7.

*Variation* 14°40′ *East.*

39.44 *Set a post 3 ft. long, 3 ins. diam. 12 ins. in the ground, for ¼ Sec. Cor., marked ¼ S. on* N. *face, dug pits, 18 x 18 x 12 ins.,* N. *and* S. *of post 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base around post.*

79.44 *The corner to sections* 5-6-7-8

*Land level.* & *rolling.*

*Soil* 2nd & 3rd *rate*

*Vegetation,* Bunchgrass.



Township 33 North Range 38 West

6th Principal Meridian.

Chains North, on a random line between Sections 5 and 6.

Variation 14°40′ East.

*Descend.*

32.00 *Enter Flat bears* E. and W.

40.00 *Set temporary ¼ Sec. Cor.*

45.00 *Leave Flat bears* N.10°W. & S.10°E. *and ascend.*

80.17 *Intersect* N. B. of Tp. 25 lks. West of cor. to secs. 5-6-31-32 *from which corner, I run* S.11′W. *on a true line, between sections* 5-6,

*Variation* 14° ~~30′~~ 40′ *East.*

40.17 *Set a* Sand *stone* 10 x 10 x 8 *ins.,* 7 *ins. in the ground, for ¼ Sec. Cor., marked ¼ on* W *face, dug pits 18 x 18 x 12 ins.,* E *and* W. *of stone 5½ ft. dist., and raised a mound of earth 1½ ft. high, 3½ ft. base.*

80.17 *The corner to sections* 5-6-7-8,

*Land level.* and *rolling.*

*Soil* 2nd & 3rd *rate*

*Vegetation,* Bunchgrass.

*I carefully examined the adjustments of my solar compass to-day, particularly the latitude and reversing apparatus, and found them correct.*

David McKay, Compassman, Sept. 26, 1882.

# GENERAL DESCRIPTION.

Some portions of the land in this Township is rolling and level, but the general character is mountainous.
Bunchgrass is abundant, and in consequence a considerable part of the Tp. is valuable for grazing purposes.
The soil is 2nd and 3rd rate.
The Niobrara River passes through the South-eastern part of the Tp.

# U. S. Surveyor General's Office.

Plattsmouth, Neb. 1885

*The foregoing Field Notes of the surveys of*

the Subdivision lines of Township No. 13 North of Range No. 38 West of the Principal Base and *Meridian*

*in* the State of Neb. *executed by*

Charles H. Dakin

*U. S. Deputy Surveyor, under his contract* No. 8 *dated*

Feb 2, 1882 in the Mo. of Sept. 1882

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

L W Stephenson

*U. S. Surveyor-General for*

1

# Field Notes
of the
Retracement of the Exterior
and
Survey of Subdivision lines
of
Township No 34 N of Base
Line, Range No 38
W of 6th P M in
Nebraska
as surveyed by
J. M. McElroy
U S Deputy Surveyor
under his contract
No 112
Dated August 29th 1882.

—

Survey commenced May 16, 1883

Survey completed May 21, 1883

## Names and Duties of assistants

| | |
|---|---|
| J L McElroy | Compassman |
| Barnie Carrigan | Mundsman |
| J M McElroy | Flagsman |
| Ed Duffey | Chainman |
| Charley Padden | Chainman |

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## Preliminary Oaths of Assistants

We Ed Duffey and Charley T Padden do solemnly swear that we will well and faithfully execute the duties of chain carriers: that we will level the chain upon uneven ground and plumb the tally pins whether 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.

Ed his x mark Duffey
Charley T Padden

Subscribed and sworn to before me this 4th day of May A D 1883 Chas H Cowell
U S Commissioner
[Seal] Dist of Neb

I Barnie Carrigan do solemnly swear that I will well and truly perform the duties of Mundsman according to instructions given me and to the best of my

ability Barrie Carrigan
Subscribed and sworn to before me
this 4th day of May AD 1883
Chas H Cowell
US Commissioner
[Seal] Dist of Neb

—

I J M McElroy do solemnly swear
that I will well and truly
perform the duties of Flagman
according to instructions given
me and to the best of my skill
and ability J M McElroy
Subscribed and sworn to before me
this 4th day of May AD 1883
Chas H Cowell
US Commissioner
[Seal] Dist of Neb



On the night of May 15, 1883 I took an
observation on the Star Polaris in
accordance with the instructions
contained in the Manual of Surveys
and drove pickets on the line thus
established
Retracement survey commenced May 16
1883, with a Burt's Improved solar Compass
manufactured by W & L E Gurley of Troy N.Y.
Before commencing this survey I test my compass
on the line established last night & find it correct.
I retrace the east boundary of this
township because the line runs
through very bad sand hills, and it
was impossible otherwise to get
true corners. I commence at the Cor.
to Tps 33 & 34 N., Rs 37 & 38 W. which cor
is a post 4x4 ins 3 ft above the ground
marked with 6 notches on N S E & W
faces, mound destroyed & pits filled up.
I rebuilt mound of earth 2½ ft high 45
ft base over it around post and dug
pits 24x18x12 ins lengthwise on each
line 6 ft dist. thence I run

# Retracement of E. Bound. T34 N R38 W

North bet Secs 31 and 36
va 14° 38' E

40.00 Descend
The cor to 1/4 Sec, after some search found scars of pits but no stake. I drove a charred stake 12 ins in the ground for 1/4 cor cleaned out pits 18x18x12 ins N & S of post 5½ ft dist and raised 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.

45.50 Drain Course E

54.00 Leave valley & enter upland bears E & W

80.00 The cor to Secs 25, 30 35 & 36, found no trace of mound, pits filled up, and remnant of stake about 1 ch W of cor. lying loose on ground. Rebuilt a mound of earth 2½ ft high 4½ ft ~~high~~ base over it from pits 18x18x12 ins in each sec 5½ ft dist, and in S E pit drove stake 2x2 ins 2 ft long 12 ins in the ground marked T34 N S 30 on N E ; R37 W S 31 on S E R38 W S 36 on S W & S 25 on N W faces with 1 notch on S and 5 notches on N edges.
Upland rolling 3rd rate Soil valley level 2nd rate



North bet Secs 25 and 30
va 14° 38' E

40.00 Found no stake nor mound but trace of pits. Drove a charred stake 12 ins in the ground for 1/4 Sec Cor., dug out pits 18x18x12 ins N & S of post 5½ ft dist & raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove stake 2x2 ins 2 ft long 1 ft in ground marked 1/4 S on W face.

80.00 The Cor to Secs 19, 24, 25 & 30, Found red cedar post 3 ft above ground with 2 notches on S and 4 notches on N edges but no mound nor pits, Rebuilt mound of earth 2½ ft high 5 ft base over it from pits 18x18x12 ins in each sec 5½ ft dist
Land, gently rolling Soil 3rd rate.

# Retracement

North bet Secs 19 and 24
va 14° 38' E

40.00 The ¼ Sec cor. a post 3x3 ins 4 ft long Marked ¼ S on W face loose in ground and leaning badly, mound low and pits about full. I adjusted post and rebuilt mound of earth around it, 2½ ft high 4½ ft base over it found pits 18x18x12 ins N & S of cor 5½ ft dist.

79.90 The Cor to Secs 13, 18, 19 & 24. A post 4x4 ins, about 4 ft long, leaning over nearly down, Marked with 3 notches on N & S faces. Mound trampled down and pits destroyed, I straightened up post, rebuilt mound of earth around it 2½ ft high 5 ft base over it found pits 18x18x12 ins in each Sec 5½ ft dist.

Land rolling
Soil 3rd rate



# T34 N R38W

North bet Secs 13 & 18
va 14° 38' E.

38.50 Leave upland, Enter valley bears E & W

40.00 The ¼ Sec Cor. A red cedar post 3x3 ins about 3 ft above ground, marked ¼ S on W face Mound low & pits nearly full, Rebuilt mound of earth around post 2½ ft high 5 ft base over it, chained out pits 18x18x12 ins N & S of Cor 5½ ft dist.

46.50 Drain, course E

52.10 Leave valley & enter upland bears E & W

79.95 The Cor to Secs 7, 12, 13 & 18. A post 4x4 ins of red cedar about 3 ft above ground marked 2 notches on N and 4 notches on S faces, Mound nearly gone and pits full. Rebuilt a mound of earth 2½ ft high 5 ft base over it around post from pits 18x18x12 ins in each Sec 5½ ft dist.

Land, upland rolling with 3rd rate soil, the valley is level with 2nd rate soil

# Retracement

Work bet Secs 7 and 12
va 14° 38' E

40,00 Surface badly trampled by cattle and no trace of corner found. About 1,50 chs N of cor, found a red cedar stake 3x3 ins about 4 ft long marked 1/4 S on one face lying loose on ground. I set said marked stake at point indicated in ~~said~~ original field notes with the mark 1/4 S on W side, 1 ft in the Ground, and built a mound of earth around post 1 1/2 ft high 3 1/2 ft base over it from pits 2x18x12 ins N & S of cor 5 1/2 ft dist.

44.00 Leave upland & Enter valley bears E & W

54,90 Bear Creek 8 lks wide Course E

62,50 Leave valley & Enter upland, bears E & W

79.95 The cor to Secs 1, 6, 7 & 12. A post 4x4 ins of red cedar, projects about 2 ft above a mound about 1 ft high and marked 1 notch on N & S notches on S faces. No trace of pits, I rebuilt a mound of earth 2 1/2 ft high around



# T 34 N R 38 W.

post 5 ft base over from pits 2x18x12 ins in each sec 5 1/2 ft dist.,
Land, upland rolling, Soil 3rd rate
valley land level soil 2nd rate

Work bet Secs 1 and 6
va. 14° 38' E

39.90 The 1/4 Sec cor. A red cedar post 3x3 ins about 3 ft above ground marked 1/4 S on W face. pits nearly fell. I rebuilt mound of earth 2 1/2 ft high around post 4 1/2 ft base over it from pits 2x18x12 ins N & S of post 5 1/2 ft dist.

80,00 The cor to Tps 34 & 35 N., Rs. 37 & 38 W. a cedar post about 1 1/2 ft above mound 2 1/2 ft high 4 1/2 ft base around post with pits 2x18x12 ins in each sec 5 1/2 ft dist., post marked 6 notches on N S E & W faces.

Land rolling,
Soil 3rd rate,

May 16 1883

Subdivision

During the night of May 16th, 1883 near the SE Cor of Tp 34 N. R 38 W I took an observation on the star Polaris in accordance with instructions in the printed manual for Surveys and drove pickets on the line thus established

Survey of Subdivisional lines commenced May 17th 1883 with a Burts Improved Solar Compass manufactured by W & L E Gurley

Before commencing this Survey, I tested my compass on the line established last night and find it correct.

From the Cor to Secs 1, 2, 35 & 36 on S boundary of this township which is a mound of earth 2 ft high 5 ft base well & from pits 18x18x12 ins in each sec 5½ ft dist, with Stake 2x2 ins 1 ft in ground in SE pit marked

T 34 N S 36 on NE

R 38 W S 1 on SE

T 33 N S 2 on SW E

S 35 on NW faces with 1 notch on E and 5 notches on W edges

I run



T 34 N R 38 W

North bet Secs 35 & 36

Va 14° 38' E

40.00 Drove a charred stake 12 ins in the ground for ¼ Sec cor, dug pits 18x18x12 ins N & S of post 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base over it. In N pit drove a stake 2x2 ins 2 ft long 1 ft in the ground marked ¼ S on W face. Descend

51.00 Foot of hill ~~of hill~~ 30 ft, enter valley bears NW & SE

75.00 Leave valley, bears NW & SE and ascend.

80.00 Drove a charred stake 12 ins in the ground for cor to secs 25, 26, 35 & 36, 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 2x2 ins 2 ft long 1 ft in the ground marked

T 34 N S 25 on NE

R 38 W S 36 on SE

S 35 on SW and

S 26 on NW faces with 1 notch on S and E edges.

Land South 51 and N 5 chs rolling Soil 3rd rate, balance level with 2nd rate soil.

# Subdivision

East on a random line bet secs 25 + 36
va 14° 38' E

40.00 Set temporary ¼ sec cor.

79.70 Intersect E boundary of township 24 lks S of cor to secs 25, 30, 31 + 36, which cor is before described by me. Thence I run S 89° 50' W on a true line bet secs 25 + 36 with same va.

39.85 Drove a charred stake 12 ins in the ground for ¼ sec cor. dug pits 18 x 18 x 12 ins E + W of post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drove stake 2 x 2 ins 2 ft long 1 ft in the ground marked ¼ S on NE face.

79.70 The cor to secs 25, 26, 35 + 36.
Land rolling
Soil 3rd rate.



T 34 N R 38 W

North bet secs 25 and 26
va 14° 38' E.

5.00 Top of hill 40 ft.

40.00 Drove a charred stake 12 ins in the ground for ¼ sec cor. dug pits 18 x 18 x 12 ins N + S of post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drove stake 2 x 2 ins 2 ft long 1 ft in the ground marked ¼ S on W face.

80.00 Drove a charred stake 12 ins in the ground for cor to secs 23, 24, 25 + 26, 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 SE pit drove a stake 2 x 2 ins 2 ft long 1 ft in the ground marked
T 34 N S 24 on NE
R 38 W S 25 on SE
S 26 on SW and
S 23 on NW faces with 2 notches on
Sand 1 notch on E edges
Land rolling
Soil 3rd rate.

# Subdivision

East on a random line bet Secs 24 & 25
va 14° 38' E

40.00 Set temporary 1/4 Sec Cor.

79.88 Intersect E boundary of township 18 lks
S of cor to Secs 19, 24, 25 & 30, which cor is
before described by me,
thence I run
S 89° 52' W on a true line bet Secs
24 & 25 with same va

39.94 Drive a charred stake 12 ins in the
ground for 1/4 Sec cor., dig pits 18x8x12 ins
E & W of post 6½ ft dist and raised mound
of earth 1½ ft high 3½ ft base over it. In
E pit drive stake 2x2 ins 3 ft long 1 ft
in the ground marked 1/4 S on W face

79.88 The cor to Secs 23, 24, 25 & 26
Land rolling
Soil 3rd rate,



T 34 N R 38 W

North bet Secs 23 and 24
va 14° 38' E

40.00 Drive a charred stake 12 ins in the ground
for 1/4 Sec cor., dig pits 18x8x12 ins N & S of
post 6½ ft dist and raised mound of
earth 1½ ft high 3½ ft base over it. In
N pit drive a stake 2x2 ins 3 ft long 1 ft
in the ground marked 1/4 S on N face

80.00 Drive a charred stake 12 ins in the ground for
cor to Secs 13, 14, 23 & 24, dig pits in each 6½
ft dist and raised mound of earth 3 ft
high 4½ ft base over it. In SE pit I
drive a stake 2x2 ins 2 ft long 1 ft in the
ground marked
T 34 N S 13 on NE
R 38 W S 24 on SE
S 23 on SW and
S 14 on NW face with 3 notches on S and
1 notch on E edges.
Land:- rolling
Soil 3rd rate

Subdivision

East on a random line bet secs 13 & 24
va 14° 38' E

40,00 Set temporary 1/4 Sec cor.
80,06 Intersect E boundary of township 32
lks S of cor to secs 13, 18, 19 & 24 which cor
is before herein described
thence I run
S 89° 46' W on a true line bet secs 13
& 24 with same va
40,03 Drove a charred stake 12 ins in the ground for
1/4 Sec cor., and dug pits 18x18x12 ins E & W of
post 5½ ft dist and raised a mound of earth
1½ ft high 3½ ft base over it, In E pit drove
a stake 2x2 ins 2 ft long 1 ft in the ground
marked 1/4 S on N face
80,06 The cor to secs 13, 14, 23 & 24
Land rolling
Soil 3rd rate.



T 34 N R 38 W

North bet secs 13 & 14
va 14° 38' E

18,00 Descend
33,00 Foot of hill 40 ft Enter valley bears E & W
40,00 Drove a charred stake 12 ins in the ground for 1/4
Sec cor., dug pits 18x18x12 ins N & S of post 5½ ft
dist, and raised a mound of earth 1½ ft high
3½ ft base over it In N pit drove a stake 2x2 ins 2
ft long 1 ft in the ground marked 1/4 S on W face,
60,00 Leave valley, bears E & W and ascend,
80,06 Top of ridge 50 ft.
Drove a charred stake 12 ins in the ground for
cor to secs 11, 12, 13 & 14, 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
a stake 2x2 ins 2 ft long 1 ft in the
ground marked
T 34 N S 12 on NE
R 38 W S 13 on SE
S 14 on SW and
S 11 on NW faces with 4 notches on S and
1 notches on E ~~faces~~, edges
Land; S 33 and N 20 chs rolling
3rd rate Soil balance level 2nd rate Soil.

Subdivision

East on a Random line bet Secs 12 & 13
va 14° 3° 8' E

40.00 Set temporary 1/4 Sec cor

80.16 Intersect E boundary of Township
28 lks S of cor to Secs 1, 2, 13, 18
which cor I have herein before
described. Thence I run
S 89° 48' W on a true line bet Secs 12 & 13
with same va

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

80.16 The cor to Secs 11, 12, 13 & 14
Land rolling
Soil 3rd rate.



T 34 N R 38 W

North bet Secs 11 and 12
va 14° 38' E

24.00 Descend

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

43.00 Foot of hill 60 ft later valley bears NW & SE

56.00 Bear creek 8 lks wide runs SE

73.00 Leave valley bears NW & SE and ascend.

80.00 Drove a charred stake 12 ins in the ground for cor to
Secs 1, 2, 11 & 12, and 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
2×2 ins 2 ft long 1 ft in the ground marked
T 34 N S 1 on NE
R 38 W S 12 on SE
S 11 on SW and
S 2 on NW faces with 5 notches on S and 1 notch
on N edges.
Land:- S 43 and N 7 chs rolling with 3rd
rate soil, balance level, 2nd rate soil

Subdivision

East on a random line bet secs 1 & 12
va 14° 38' E

8.00 Top of hill 50 ft.

40.00 Set temporary 1/4 sec cor.

80.12 Intersect E boundary of township 30 lks S of cor to secs 1, 6, 7 & 12 which cor is before described by me. Thence I run S 89° 47' W on a true line bet secs 1 & 12 with same va

40.06 Drove a charred stake 12 ins in the ground for 1/4 sec cor., dug pits 18 x 18 x 12 ins E & W of post 5½ ft dist., and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drove stake 2 x 2 ins 2 ft long 1 ft in the ground marked 1/4 S on N face

80.12 The Cor to secs 1, 2, 11, 12,
Land rolling
Soil 3rd rate,



T 34 N R 38 W

North on a random line bet secs 1 & 2
va 14° 38' E

11.00 Top of hill 50 ft.

40.00 Set temporary 1/4 sec cor.

80.28 Intersect N boundary of township 14 lks W of cor to secs 1, 2, 35 & 36, which cor is a mound of earth 2 ft high 4½ ft base over it, from pits 5½ ft dist 18 x 18 x 12 ins ~~[illegible]~~ in each ~~[illegible]~~. In SE pit stake 2 x 2 ins 1 ft above ground marked
T 35 N S 36 on NE
R 38 W S 1 on SE
S 2 on SW and
S 35 on NW faces with 1 notch on E and 5 notches on W edges, thence I run S 0° 6' W on a true line bet secs 1 & 2 with same va

40.28 Drove a charred stake 12 ins in the ground for 1/4 sec cor., dug pits 18 x 18 x 12 ins N & S of post 5½ ft dist., and raised mound of earth 1½ ft high 3½ ft base over it, In N pit drove stake 2 x 2 ins 2 ft long 1 ft in the ground marked 1/4 S on W face

80.28 The cor to secs 1, 2, 11 & 12
Land rolling Soil 3rd rate,

From the cor to secs 2, 3, 34 & 35 on S boundary of this township which cor is a mound of earth 2½ ft high 5½ ft base over it from pits 18×18×12 ins in each sec 5½ ft dist with stake 2×2 ins in SE pit marked:-
T34N S 35 on NE
R38W S 2 on SE
T33N S 3 on SW
S34 on NW faces with 2 notches on E and 4 notches on W edges I run North bet secs 34 and 35
va 14° 38' E

40,00 Drove a charred stake 12 ins in the ground for ¼ sec cor. dug pits 18×18×12 ins at each S of post 5½ ft dist. and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove a stake 2×2 ins 2 ft long 1 ft in the ground marked ¼ S on W face. Descend

73,00 Foot of ridge 30 ft.
enter valley bears E & W

80,00 Drove a charred stake 12 ins in the ground for cor to secs 26, 27, 34 & 35, 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 2×2 ins 2 ft long 1 ft in the ground marked
T34N S 26 on NE
R38W S 35 on SE
S 34 on SW
S 27 on NW faces with 1 notch on S and 2 notches on E edges
Land South 73 chs rolling, Soil 3rd rate balance level Soil 2nd rate.

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East on a random line bet secs 26 & 35
va 14° 38' E

14,00 Leave valley bears NE & SW and ascend.
30,00 Top of ridge 30 ft. Descend
40,00 Set temporary ¼ sec cor.
42,00 Foot of hill 30 ft. Enter valley bears NW & SE
73,00 Leave valley, bears NW & SE & ascend
80,46 Intersect N & S line 7 lks S of cor to secs 25, 26, 35 & 36. Thence I run
S89°57' W on a true line bet secs 26 & 35 with same va

40,23 Drove a charred stake 12 ins in the ground for ¼ sec cor. dug pits E & W of post 5½ ft dist, and raised mound of earth 1½ ft high

Subdivisions

3½ ft base over it. In E pit drove stake 2x2 ins 2 ft long 1 ft in the ground marked ¼ S on N face.

80.46 The cor to Secs 26, 27, 34 & 35
Land W & E parts level Soil 2nd rate
the balance is rolling Soil 3rd rate

North bet Secs 26 and 27
va 14° 38' E

40.00 Drove a charred stake 12 ins in the ground for ¼ sec cor. dug pits 18x18x12 ins N & S of post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove stake 2x2 ins 2 ft long 1 ft in the ground marked ¼ S on W face.

61.00 Leave valley, bears W & SE. Ascend.

80.00 Top of Ridge 40 feet
Drove a charred stake 12 ins in the ground for cor to Secs 22, 23, 26 & 27, 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 2x2 ins 2 ft long 1 ft in the ground marked: T 34 N S 23 on NE
R 38 W S 26 on SE



T 34 N R 38 W

S 27 on SW and S 22 on NW faces with 2 notches on S & E edges
Land, S 61 chs level Soil 2nd rate
N, 9 chs rolling Soil 3rd rate

East on a random line bet Secs 23 & 26
va 14° 38' E

40.00 Set temporary ¼ sec cor

80.54 Intersect N & S line 35 lks S of cor to Secs 23, 24, 25 & 26 Thence I run S 89° 45' W on a true line bet Secs 23 & 26 with same va

40.27 Drove a charred stake 12 ins in the ground for ¼ sec cor. dug pits 18x18x12 ins E & W of cor 5½ ft dist, and raised mound of earth 1½ ft high 3½ ft base over it In SE pit drove stake 2x2 ins 2 ft long 1 ft in the ground marked ¼ S on N face.

80.54 The cor to Secs 22, 23, 26 & 27
Land rolling
Soil 3rd rate,

Soil division

North bet secs 22 & 23
va 14° 38' E

40.00 Drove a charred stake 12 ins in the ground for ¼ Sec cor. dug pits 18×18×12 ins N & S of post 5½ ft dist, and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove stake 2×2 ins 2 ft long 1 ft in ground marked ¼ S on N face

80.00 Drove a charred stake 12 ins in the ground for Cor to secs 14, 15, 22 & 23, 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 2×2 ins 2 ft long 1 ft in ground marked
T34N S 14 on NE
R38W 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 rolling, Soil 3rd rate.

East on a random line bet secs 14 & 23
va 14° 38' E

40.00 Set temporary ¼ Sec Cor
80.20 Intersect N & S line at cor to secs 13, 14, 23, 24



T34N R38W

Thence I run
W on a true line bet secs 14 and 23 with Same va.

40.10 Drove a charred stake 12 ins in the ground for ¼ Sec cor. dug pits 18×18×12 ins E & W of post 5½ ft dist. and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drove stake 2×2 ins 2 ft long 1 ft in the ground marked ¼ S on N face

80.20 The cor to secs 14, 15, 22 and 23
Land rolling
Soil 3rd rate.

North bet secs 14 and 15
va 14° 38' E

Descend
21.00 Foot of hill 40 ft Enter valley bears E & W
40.00 Drove a charred stake 12 ins in the ground for ¼ Sec cor. dug pits 18×18×12 ins N & S of post 5½ ft dist. and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove stake 2×2 ins 2 ft long 1 ft in ground marked ¼ S on W face
52.00 Land valley, bears NE & SW. Ascend
68.00 Top of ridge 40 ft
80.00 Drove a charred stake 12 ins in the ground for Cor to

# Subdivisions

Secs 10, 11, 14 & 15, dug pits 18x18x12 ins in each sec 5½ ft dist., and raised mound of earth 2 ft high 7½ ft base over it. In S E pit drove stake 2x2 ins 2 ft long 1 ft in ground marked:-
T34 N S 11 on NE
R38 W S 14 on SE
S 15 on SW and
S 16 on NW faces with 4 notches on S and 2 notches on E edges
Land S 21 and N 22 ch rolling Soil 3rd rate the balance level with 2nd rate soil

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East on a random line bet Secs 11 & 14
va 14° 38' E

40.00 Set temporary ¼ sec cor.
80.44 Intersect N & S line 14 lks N of cor to Secs 11, 12, 13 and 14 Thence I run N 89° 54' W on a true line bet secs 11 & 14 with same va
40.22 Drove a charred stake 12 ins in the ground for ¼ sec cor. dug pits 18x18x12 ins E & W of post 5½ ft dist., and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drove stake 2x2



T34 N R38 W

ins 2 ft long 1 ft in ground marked ¼ S on N face.
80.44 The cor to secs 10, 11, 14, 15
Land rolling Soil 3rd rate
May 17, 1883

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North bet secs 10 and 11
va 14° 38' E

40.00 Drove a charred stake 12 ins in the ground for ¼ sec cor. dug pits 18x18x12 ins N & S of post 5½ ft dist. and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove stake 2x2 ins 2 ft long 1 ft in ground marked ¼ S on W face. Descend
54.00 Foot of ridge 40 ft. Enter valley bears NW & SE
71.50 Bear creek 10 lks wide runs SE.
80.00 Drove a charred stake 12 ins in the ground for cor to secs 2, 3, 10 & 11 and 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 a cedar stake 2x2 ins 2 ft long 1 ft in the ground marked
T34 N S 2 on NE
R38 W S 11 on SE
S 10 on SW and S 3 on NW faces with 5 notches on S and 2 notches on E edges

Land 0.54 chs rolling with 3rd rate soil; balance level with 2nd rate soil

East on a random line bet Secs 2 & 11
va 14° 38' E

37.00 Leave valley, bears NW & SE and ascend.
40.00 Set temporary 1/4 sec cor.
56.00 Top of ridge 40 ft.
80.26 Intersect N & S line 21 chs N of cor to Secs 1, 2, 11 & 12 Spread Drum

N 89° 57' W on a true line bet Secs 2 & 11 with same va

40.13 Drive a charred stake 12 ins in the ground for 1/4 sec cor. and pits 18 + 18 + 12 ins E & W of post 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 drive stake 2 x 2 ins 2 ft long 1 ft in the ground marked 1/4 S on N face,

80.26 The cor to Secs 2, 3, 10 & 11
Land, West 3.7 chs level soil 2nd rate balance rolling with 3rd rate soil,

North on a random line bet Secs 2 & 3
va 14° 38' E

28.00 Leave valley, bears NW & SE and ascend.
40.00 Top of ridge 30 ft. Descend Set temporary 1/4 sec cor.
61.00 Foot of hill 30 ft. enter valley, bears NE & NW
80.14 intersect N boundary of township 42 chs W of cor to Secs 2, 3, 34 & 35, which cor is a mound of earth 2 ft high 4 1/2 ft base over it. from pits 18 x 18 x 12 ins 5 1/2 ft dist in each sec, a stake in SE pit 2 x 2 ins 1 ft above ground marked:
T 35 N S 35 on NE,
R 38 W S 2 on SE
S 3 on SW and
S 34 on NW faces, with 2 notches on E and 4 notches on W edges,
Charred S run

S 0° 18' W on a true line bet Secs 2 & 3 with same va,

40.14 Drive a charred stake 12 ins in the ground for 1/4 sec cor. and pits 18 + 18 + 12 ins W & S of post 5 1/2 ft dist and raised mound of earth 1 1/2 ft high 3 1/2 ft base over it. In W pit drive a stake 2 x 2

# Subdivisions

ins 2 ft long 1 ft in the ground marked "/4 S on W face

80.14 The cor to secs 2, 3, 10 & 11.

Land 0.28 chs level soil 2nd rate balance rolling with 3rd rate soil

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From the cor to secs 3, 4, 33 & 34 on S boundary of this township which cor is a mound of earth 2½ ft high 5½ ft base over it, from pits 18x18x12 ins in each sec 5½ ft dist, with stake 2x2 ins 1 ft above ground in SE pit marked:-

T34N R34W on NE

R33W 0 3 on SE

T33N 0 4 on SW

0.33 on N & W faces with 3 notches on E & S faces

I run North bet secs 33 & 34

va 14° 38' E

40.00 Drive a charred stake 1 ins in the ground for 1/4 sec cor. dug pits 15x18x12 ins N & S of post 5½ ft dist. and raised mound of earth 1½ ft high 3½ ft base over it. In N pit Drive stake 2x2 ins 2 ft long 1 ft in the ground marked 1/4 0 on W face.



# T34N R38W

61.00 Foot of hill 40 ft. Enter valley bears NE & SW

80.00 Drive a charred stake 1 ins in the ground for cor to secs 27, 28, 33 & 34, 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 Drive stake 2x2 ins 2 ft long 1 ft in the ground marked

T34N 0.27 on NE

R38W 0.34 on SE

0.33 on SW and

0.28 on N & W faces with 1 notch on S and 3 notches on E edges.

Land:- South 61 chs rolling, soil 3rd rate balance level with 2nd rate soil.

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East on a random line bet secs 27 & 34

va 14° 38' E

40.00 Set temporary 1/4 Sec cor.

80.00 Intersect N & S line 20 chs N of cor to secs 26, 27, 34 & 35, thence I run

N 89° 51' W on a true line bet secs 27 & 34 with same va

40.00 Drive a charred stake 1 ins in the ground

Subdivisions

for 1/4 sec cor. dug pits 18x18x12 ins E&W of post 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 2x2 ins 2 ft long 1 ft in the ground marked 1/4 S on W face.

80.00 The cor to secs 27, 28, 33 & 34

Land level Soil 2nd rate

North bet secs 27 and 28

va 14° 38' E

16.00 Leave valley, bears NE & SW and ascend.

21.00 Top of point 30 ft and descend

35.00 Foot of point 30 ft, enter valley bears NW & SE

40.00 Drove a charred stake 12 ins in the ground for 1/4 sec cor., dug pits 18x18x12 ins N & S of post 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 2x2 ins 2 ft long 1 ft in the ground marked 1/4 S on N face.

67.00 Leave valley, bears NW & SE and ascend.

80.00 Top of hill 40 ft.

Drove a charred stake 12 ins in the ground for cor to secs 21, 22, 27 & 28, dug pits



T 34 N R 38 W

18x18x12 ins in each sec 5 1/2 ft dist and raised mound 2 ft high 4 1/2 ft base over it. In SE pit drove stake 2x2 ins 2 ft long 1 ft in the ground marked

T 34 N S 22 on NE

R 38 W S 27 on SE

S 28 on SW and

S 21 on NW with 2 notches on S and 3 notches on E edges.

Land:- Southern and middle fortions level with 2nd rate soil; balance rolling, Soil 3rd rate

East on a random line bet secs 22 & 27

va 14° 38' E

40.00 Set temporary 1/4 sec cor.

80.08 Intersect N & S line 36 lks N of cor to secs 22, 23, 26 & 27 Thence I run N 89° 45' W on a true line bet secs 22 & 27 with same va

40.04 Drove a charred stake 12 ins in the ground for 1/4 sec cor. dug pits 18x18x12 ins E & W of post 5 1/2 ft dist., and raised mound of earth

Subdivisions

1½ ft high 3½ ft base over it. In E pit drove
stake 2×2 ins 2 ft long 1 ft in the ground
marked "4 S on N face
80.08 Chs cor to secs. 21, 22, 27 & 28.
Land rolling Soil 3rd rate

North bet secs 21 and 22
va 14° 38' E
40.00 Drove a charred stake 12 ins in the ground
for "4 sec cor. dug pits 18×18×12 ins ~~in~~
~~the ground~~ N & S of post 5½ ft dist., and
raised mound of earth 1½ ft high
3½ ft base over it. In N pit drove a
stake 2×2 ins 2 ft long 12 ins in the
ground marked "4 S on W face, Descend
67.00 Foot of hill, Enter narrow valley, bears NE & SW
70.00 Leave valley, bears NE & SW and ascend.
80.00 Top of hill 30 ft.
Drove a charred stake 12 ins in the ground for cor
to secs 15, 16, 21 & 22, 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 a stake 2×2



T 34 N R 38 W

ins 2 ft long 1 ft in the ground marked
T 34 N S 15 on NE
R 38 W S 22 on SE
S 21 on SW and
S 16 on NW faces with 3 notches on E & S edges
Land rolling Soil 3rd rate.

East on a random line bet secs 15 & 22
va 14° 38' E
Descend
9.00 Foot of hill, enter valley bears NE & SW
13.00 Leave valley, bears NE & SW and ascend.
40.00 Set temporary "4 sec cor
79.98 Intersect N & S line 51 lks N of cor to
secs 14, 15, 22 & 23 Thence I run
N 89° 38' W on a true line bet secs 15 & 22
with same va
39.99 Drove a charred stake 12 ins in the ground for "4
sec cor., dug pits 18×18×12 ins E & W of post 5½ ft
dist., and raised mound of earth 1½ ft high 3½
ft base over it. In E pit drove stake 2×2 ins 2 ft
long 1 ft in ground marked "4 S on N face
79.98 Chs Cor to secs 15, 16, 21 & 22
Land rolling Soil 3rd rate

North bet secs 15 & 16
va 14° 38' E

40,00 Drove a charred stake 12 ins in the ground for 1/4 sec cor, dug pits 18x18x12 ins N & S of post 5½ ft dist, and raised mound of earth 1½ ft high 3½ ft base over it. On N pit Drove a stake 2x2 ins 2 ft long 1 ft in the ground marked 1/4 S on N face.

Descend

50,00 Foot of hill 30 ft. Enter valley, bears SE & W.

80,00 Drove a charred stake 12 ins in the ground for cor to secs 9, 10, 15 & 16, 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 2x2 ins 2 ft long 1 ft in the ground marked:-

T 34 N S 10 on NE
R 38 W S 15 on SE
S 16 on SW and
S 9 on NW faces with 4 notches on S and 3 notches on E edges.

Land:- 50 chs running soil 3rd rate
balance level soil 2nd rate

May 18th 1883

East on a random line between 10 & 15
va 14° 38' E

23,00 Leave valley, bears NW & SE and ascend.

40,00 Top of hill 40 ft. Set temporary 1/4 sec cor.

79,80 Intersect N & line 42 links N of cor to secs 10, 11, 14 & 15.

Chained & run N 89° 42' W on a true line bet secs 10 & 15 with same va.

39,90 Drove a charred stake 12 ins in the ground for 1/4 sec cor, dug pits 18x18x12 ins E & W of post 5½ ft, dist and raised mound of earth 1½ ft high 3½ ft base over it. On E pit drove stake 2x2 ins 2 ft long 1 ft in the ground marked 1/4 S on N face.

79,80 This cor to secs 9, 10, 15 & 16
Land most 23 chs level soil 2nd rate
balance rolling soil 3rd rate.

---

North bet secs 9 and 10
va 14° 38' E

9,00 Leave valley, bears NE & SW and ascend

24,00 Top of hill 30 ft.

40,00 Drove a charred stake 12 ins in the ground for 1/4

# Subdivision

sec cor. dug pits 18×18×12 ins N & S of post 5½ ft dist., and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove stake 2×2 ins 2 ft long 1 ft in ground marked "4 S on W face.

80,00 Drove a charred stake 12 ins in the ground for cor to secs 3, 4, 9 & 10., 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 2×2 ins 2 ft long 1 ft in the ground marked
T34N. S3 on NE ~~face~~
R38W S10 on SE
S9 on SW and
S4 on NW faces with 5 notches on S and 3 notches on E Edges.
Land S9 chs level Soil 2nd rate
balance rolling Soil 3rd rate

---

East on a random line bet secs ~~9~~ 3 & 10
va 14° 38' E
Descend
14 00 Foot of hill 30 ft. Enter valley bears NW & SE



T34N R38W

40,00 Set temporary ¼ sec cor.
71,00 Bears Creek 10 lks wide runs SE
79,68 Intersect N & S line 11 lks N of cor to secs 2, 3, 10 and 11 Thence I run N89°55' W on a true line bet secs 3 & 10 with same va
39,84 Drove a charred stake 12 ins in the ground for ¼ sec cor. dug pits 18×18×12 ins E & W of post 5½ ft dist., and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drove stake 2×2 ins 2 ft long 1 ft in the ground marked ¼ S on N face
79,68 The cor to secs 3, 4, 9 & 10
Land 1-W 14 chs rolling, Soil 3rd rate
balance level Soil 2nd rate

---

North on a random line bet secs 3 & 4
va 14° 38' E
Descend,
22,00 Foot of hill 30 ft Enter valley bears NW & SE
36,00 Bear Creek 10 lks wide runs SE
40,00 Set temporary ¼ sec cor.
54,00 Leave valley bears NW and SE
80 41 Top of hill 40 ft.
Intersect N boundary at Cor to secs 3, 4, 33 & 34

# Subdivision

which cor is a mound of earth 2 ft high 4½ ft base over it, from pits 18x18x12 ins in each sec 5½ ft dist, and a stake 2x2 ins 1 ft above ground in SE pit marked:-

T35N S34 on NE

R38W S3 on SE

T34N S4 on SW

S33 on NW faces with 3 notches on E & W faces. Thence I run

South on a true line bet Secs 3 & 4 with same va

40.41 Drove a charred stake 12 ins in the ground for ¼ sec cor, dug pits 18x18x12 ins N & S of post 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base over it. In N pit drove a stake 2x2 ins 2 ft long 1 ft in the ground marked ¼ S on W face

80.41 The cor to secs 3, 4, 9 & 10

Land S22 and N26 chs rolling Soil 3rd rate balance level with 2nd rate soil.

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From the cor to secs 4, 5, 32 & 33 on S boundary of this township which cor is a mound of earth



# T34N R38W

2½ ft high 4½ ft base over it from pits 18x18x12 ins in each sec 5½ ft dist; with stake 2x2 ins 1 ft above ground in SE pit marked:

T34N S33 on NE

R38W S4 on SE

T33N S5 on SW and

S32 on NW faces with 2 notches on W and 4 notches on E edges. I run

North bet secs 32 and 33.

va 14° 38' E

40,00 Drove a charred stake 12 ins in the ground for ¼ sec cor, dug pits 18x18x12 ins N & S of post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove a stake 2x2 ins 2 ft long 1 ft in ground marked ¼ S on W face

80,00 Drove a charred stake 12 ins in the ground for cor to secs 28, 29, 32 & 33, 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 2x2 ins 2 ft long 1 ft in the ground marked T34N S28 on NE

R38W S33 on SE

S32 on SW and

S29 on NW faces with 1 notch on S and

4 notches on E edges.
Land rolling Soil 3rd rate

East on a random line bet Secs 28 & 33
va 14° 38' E

40 00 Set temporary 1/4 Sec. Cor and descend.
62, 00 Foot of hill, 30 ft, enter valley trees NE & SW
80, 28 Intersect N & S line 16 chs S of cor to Secs 21
28, 33 & 34 thence I run
S 89° 53' W on a true line bet Secs 28 & 33
which became va
40, 14 Drive a charred stake 12 ins in the ground for
1/4 Sec cor. dug pits 18 x 18 x 12 ins E & W of post
5 1/2 ft dist and raised mound of earth 1 1/2
ft high 3 1/2 ft base over it. In S pit Drive
stake 2 x 2 ins 2 ft long 1 ft in the ground
marked "4 S on N face.
80, 28 The cor to Secs 28, 29, 33 and 34
Land:- W 62 chs rolling, Soil 3rd rate
balance level Soil 2nd rate

North bet Secs 28 and 29.
va 14° 38' E
40, 00 Drive a charred stake 12 ins in the ground for
1/4 Sec cor, dug pits 18 x 18 x 12 ins N & S of post 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 Drive a stake
2 x 2 ins 2 ft long 1 ft in the ground marked
"4 S on N face.
64, 00 Descend
77 00 Foot of hill 40 ft, enter valley trees SW & SE
80 00 Drive a charred stake 12 ins in the ground for cor
to Secs 20, 21, 28 & 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. In
SE pit Drive a stake 2 x 2 ins 2 ft long 1 ft
in the ground marked:-
T 34 N S 21 on NE
R 38 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 edges
Land rolling, Soil 2nd rate.

Subdivisions

East on a random line bet secs 21 & 28
va 14° 38' E

40.00 Set temporary 1/4 sec cor.
42.00 Leave valley, bears N & SE and ascend
51.00 top of hill 40 ft.
80.16 Intersect N & S line 9 chs N of cor to secs 21, 22, 27 & 28 thence run N89°56' W on a true line bet secs 21 & 28 with same va
40.08 Drive a charred stake 12 ins in the ground for 1/4 sec cor., dug pits 18x18x12 ins E & W of post 6½ ft dist., and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drive a stake 2x2 ins 2ft long 1 ft in the ground marked 1/4 S on N face,
80.16 The Cor to secs 20, 21, 28 and 29
Land:- W 42 chs level soil 3rd rate balance rolling soil 3rd rate.

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North bet secs 20 and 21
va 14° 38' E

13.00 Leave valley, bears NE & SW and ascend
26.00 top of hill 40 ft
40.00 Drive a charred stake 12 ins in the ground for



T 34 N R 38 W

1/4 sec cor., dug pits 18x18x12 ins N & S of post 6½ ft dist., and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drive a stake 2x2 ins 2ft long 1 ft in the ground marked 1/4 S on W face
Descend
46.00 Foot of hill 40 ft. enter neck of valley bears NW & SE
53.00 Leave neck of valley, bears NE & SW and ascend
80.00 Drive a charred stake 12 ins in the ground for cor to secs 16, 17, 20 & 21., dug pits 18x18x12 ins in each sec 6½ ft dist., and raised mound of earth 2ft high 4½ ft base over it. In SE pit drive stake 2x2 ins 2ft long 1 ft in the ground marked:-
T 34 N 0.16 on NE
R 38 W 0.21 on SE
0.20 on SW and
0.17 on NW faces with 3 notches on S and 4 notches on E edges.
Land:- N and middle rolling soil 3rd rate balance level with 2nd rate soil.

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East on a random line bet secs 16 & 21
va 14° 38' E

40.00 Set temporary 1/4 sec cor.

Subdivisions

80,42 Intersect N&S line 17 lks N of cor to secs 15, 16, 21 & 22. thence I run N89°53' W on a true line bet secs 16 & 21 with same va.

40,21 Drive a charred stake 12 ins in the ground for 1/4 sec cor., dig pits 18x18x12 ins E&W of, post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it. In S pit drive a stake 2x2 ins 2 ft long 1 ft in the ground marked 1/4 S on N face

80,42 The cor to secs 16, 17, 20 & 21

Land rolling, Soil 3rd rate

May 19, 1883

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North bet secs 16 and 17
va 14° 38' E

24,00 Descend.

33,00 Foot of hill 40 ft. petty valley, bears NE & SW

40,00 Drive a charred stake 12 ins in the ground for 1/4 sec cor., dig pits 18x18x12 ins W&S of, post 5½ ft dist. and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drive stake 2x2 ins 2 ft long 1 ft in the ground marked 1/4 S on W face.

52,00 Leave valley, bears E&W and ascend,

80,00 Top of hill 40 ft. Drive a charred stake 12



ins in the ground for cor to secs 8, 9, 16 & 17, dig 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 drive a stake 2x2 ins 2 ft long 1 ft in the ground marked;
T34N S9 on NE
R38W S16 on SE
S17 on SW and
S8 on NW faces with 4 notches on S & E edges.
Land - N&S parts rolling with 3rd rate soil
Balance, level with 2nd rate soil.

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East on a random line bet secs 9 & 16
va 14° 38' E

40,00 Set temporary 1/4 sec cor. and descend

65,00 Foot of hill 40 ft. enter valley, bears NE & SW

80,00 Intersect N&S line 21 lks S of cor to secs 9, 10, 15 & 16 thence I run S89°51' W on a true line bet secs 9 and 16 with same va.

40,00 Drive a charred stake 12 ins in the ground for 1/4 sec cor., dig pits 18x18x12 ins E&W of, post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drive stake 2x2 ins 2 ft long 1 ft in

Subdivisions

in the ground marked 1/4 S on N face.

80.00 The cor to secs 8, 9, 16, & 17.

Land:- W 65 chs rolling soil 3rd rate

balance level soil 2nd rate.

North bet secs 8 and 9

va 14° 38' E

40.00 Drove a charred stake 12 ins in the ground for 1/4 sec cor. dug pits 18x18x12 ins N+S of post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove a stake 2x2 ins 2 ft long 1 ft in the ground marked 1/4 S on W face

80.00 Drove a charred stake 12 ins in the ground for cor to secs 4, 5, 8 & 9. dug pits 18x18x12 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 2x2 ins 2 ft long 1 ft in the ground marked:

T 34 N S 4 on NE

R 38 W S 9 on SE

S 8 on SW and

S 5 on NW faces with 5 notches on S and 4 notches on E edges

Land rolling Soil 3rd rate.



T 34 N R 38 W

East on a random line bet secs 4 & 9

va 14° 38' E

40.00 Set temporary 1/4 sec cor.

79.80 Intersect N+S line 71 lks S of cor to secs 3, 4, 9 & 10

Thence Drum

S 89° 30' W on a true line bet secs 4 & 9 with same va.

39.90 Drove a charred stake 12 ins in the ground for 1/4 sec cor. dug pits 18x18x12 ins E+W of post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drove stake 2x2 ins 2 ft long 1 ft in ground marked 1/4 S on N face

79.80 The cor to secs ~~3, 4~~ 4, 5 8 & 9.

Land rolling. Soil 3rd rate

North on a random line bet secs 4 & 5

va 14° 38' E

40.00 Set temporary 1/4 sec cor.

60.00 Descend.

75.00 Foot of hill 40 ft. outer valley bears NW+SE

80.45 Intersect N boundary 7 ~~26~~ 12 lks E of cor to secs 4, 5, 32 & 33 which cor is a mound of earth 2 ft high 4½ ft base over it from pits 18x18x12 ins in each sec 5½ ft dist, and a stake 2x2 ins

# Subdivisions

1 ft above the ground in SE pit marked
T35N S33 on NE
R38W S4 on SE
T34N S5 on SW
S32 on NW faces with 4 notches on E and 2 notches on W edges. Thence I run
S0°5'E on a true line bet secs 4 & 5 with same va

40,45 Drove a charred stake 12 ins in the ground for ¼ sec cor, dug pits 18×18×12 ins N&S of post 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base over it. In N pit drove stake 2×2 ins 2 ft long 1 ft in ground marked ¼S on W face

80,45 The cor to secs 4, 5, 8 and 9
Land:- S75 chs rolling. Soil 3rd rate
Balance level with 2nd rate soil

From the cor to secs 5, 6, 31 & 32 on S boundary of this township which cor is a mound of earth 2½ ft high 5 ft base over it from pits 18×18×12 ins in each sec 5½ ft dist, with stake 2×2 ins 1 ft ~~long~~ above the ground in SE pit marked:-
T34N S32 on NE
R38W S5 on SE



T34N R38W

T33N S6 on SW
S31 on NW faces with 1 notch on W and 5 notches on E edges I run
North bet secs 31 and 32
va 14° 38' E

15,00 Leave valley, bears NW and SE and ascend.
40,00 Top of ridge 40 ft high, Drove a charred stake 12 ins in the ground for ¼ sec cor, dug pits 18×18×12 ins N&S of post 5½ ft dist, and raised mound of earth 1½ ft high 3½ ft base over it In N pit drove stake 2×2 ins 2 ft long 1 ft in ground marked ¼S on W face

80,00 Drove 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 5½ ft dist, and raised mound of earth 2 ft high 4½ ft base over it In SE pit drove stake 2×2 ins 2 ft long 1 ft in ground marked:-
T34N S29 on NE
R38W S32 on SE
S31 on SW and
S30 on NW faces, with 1 notch on S and 5 notches on E edges,
Land:- S15 chs level, Soil 2nd rate
Balance rolling with 3rd rate soil

Subdivisions

East on a random line bet secs 29 & 32
va 14° 38' E

40.00 Set temporary 1/4 sec cor.

79.88 Intersect N & S line 28 lks S of cor to secs 28, 29, 32, & 33. Thence I run S 89° 48' W on a true line bet secs 29 & 32 with same va

39.94 Drove a charred stake 12 ins in the ground for 1/4 sec cor, dug pits 18x18x12 ins E & W of post 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 2x2 ins 2 ft long 12 ins in the ground marked 1/4 S on N face.

79.88 The cor to secs 29, 30, 31 and 32
Land rolling Soil 3rd rate

West on a random line bet secs 30 & 31
va 14° 38' E

40.00 Set temporary 1/4 sec cor. Descend

43.00 Foot of hill, 40 ft enter valley bears N and SE

79.84 Intersect W boundary of township 16 lks N of cor to secs 25, 30 31 & 36 which cor is mound



T 34 N R 38 W

of earth 2 ft high 4 1/2 ft base over it, from pits 18x18x12 ins in each sec 5 1/2 ft dist and a stake 2x2 ins 1 ft ~~long~~ above ground in the SE pit marked
T 34 N S 30 on NE
R 38 W S 31 on SE
R 39 W S 36 on SW
S 25 on NW face with 1 notch on S and 5 notches on N edges. Thence I run N 89° 53' E on a true line bet secs 30 & 31 with same va

39.84 Drove a charred stake 12 ins in the ground for 1/4 sec cor., dug pits 18x18x12 ins E & W of post 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 2x2 ins 2 ft long 1 ft in ground marked 1/4 S on N face.

79.84 The cor to secs 29, 30, 31 and 32
Land:- East 43 chs rolling, soil 3rd rate; the balance level, soil 2nd rate

North bet secs 29 and 30
va 14° 38'

40.00 Drove a charred stake 12 ins in the ground for 1/4 sec cor

Section divisions

dug pits 18x18x12 ins N & S of post 5½ ft dist., and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove stake 2x2 ins 2 ft long 1 ft in the ground marked ¼ S on N face. Descend,

46.00 Foot of hill 40 ft. Enter valley bears NE & SW

74.00 Leave valley, bears NE & SW and ascend,

80.00 Top of hill 50 ft. Drove a charred stake 12 ins in the ground for cor to secs 19, 20, 29 & 30, 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 a stake 2x2 ins 2 ft long 1 ft in the ground marked:-
T 34 N 20 on NE
R 38 W 29 on SE
S 30 on SW and
S 19 on NW faces with 2 notches on S and 5 notches on E edges.
Land:- S 46 and N 6 chs rolling soil 3rd rate balance level soil 2nd rate.

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East on a random line bet secs 20 & 29
va 14° 38' E

40.00 Set temporary ¼ sec cor. Descend,

44.00 Foot of hill 50 ft. Enter valley bears NE and SW



T 34 N R 38 W

79.70 Intersect N & S line 35 lks S of cor to secs 20, 21, 28 & 29, thence I run S 89° 45' W on a true line bet secs 20 and 29 with same va.

39.85 Drove a charred stake 12 ins in the ground for ¼ sec cor dug pits 18x18x12 ins E & W of post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drove stake 2x2 ins 2 ft long 1 ft in the ground marked ¼ S on N face.

79.70 The cor to secs 19, 20, 29 and 30 found:- W 44 chs rolling soil 3rd rate, balance level soil 2nd rate.

---

West on a random line bet secs 19 & 30
va 14° 38' E

40.00 Set temporary ¼ sec cor. Descend,

56.00 Foot of hill 50 ft. Enter valley bears W & SE

79.70 Intersect W boundary of this township 54 lks N of cor to secs 19, 24, 25 & 30, which cor is a mound of earth 2 ft high 4½ ft base over it from pits 18x18x12 ins in each sec 5½ ft dist and stake 2x2 ins 1 ft above ground in SE pit marked:- T 34 N, S 19 on NE

Subdivisions

R38W S30 on SE
R39W S25 on SW
S24 on NW faces with 2 notches on S and 4 notches on N edges. Thence I run N89°37'E on a true line bet secs 19 & 30 with same va

39.70 Drove a charred stake 12 ins in the ground for ¼ sec cor. dug pits 18x18x12 ins E & W of post 5½ ft dist, and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drove stake 2x2 ins 2 ft long 1 ft in the ground marked ¼ S on N face.

79.70 The cor to secs 19, 20, 29 and 30
Land:- E 56 chs rolling Soil 3rd rate
Balance level, Soil 2nd rate.
May 20, 1883

North bet secs 19 and 20
va 14° 38' E

40.00 Drove a charred stake 12 ins in the ground for ¼ sec cor. dug pits 18x18x12 ins N & S of post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove a stake 2x2 ins 2 ft long 1 ft in the ground marked ¼ S on W face.

80.00 Drove a charred stake 12 ins in the ground for cor to



T34N R38W

secs 17, 18, 19 & 20, 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 a stake 2x2 ins 2 ft long 1 ft in the ground marked:-
T34N S17 on NE
R38W S20 on SE
S19 on SW and
S18 on NW faces with 3 notches on S and 5 notches on E edges.
Land:- rolling. Soil 3rd rate.

East on a random line bet secs 17 & 20
va 14° 38' E

40.00 Set temporary ¼ sec cor.

79.76 Intersect N & S line 23 lks S of cor to secs 16, 17, 20 & 21
Thence I run S89°50'W on a true line bet secs 17 & 20 with same va

39.88 Drove a charred stake 12 ins in the ground for ¼ sec cor. dug pits 18x18x12 ins E & W of post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drove a stake 2x2 ins 2 ft long 1 ft in the ground marked ¼ S on N face.

79.76 The cor to secs 17, 18, 19 & 20
Land rolling Soil 3rd rate

Subdivisions

West on a random line bet Secs 18 & 19
va 14° 38' E

Descend.

1200 Foot of hill 50 ft. Enter valley, bears NE & SE

4000 Set temporary ¼ Sec cor.

79.58 Intersect W boundary of township 9 lks N of cor to Secs 13, 18, 19 & 24 which cor is a mound of earth 2 ft high 4½ ft base over it. Sunk pits 18x18x12 ins in each sec 5½ ft dist., and in SE pit a stake 2x2 ins 1 ft above ground marked:-

T34N S18 on NE

R38W S19 on SE

R39W S24 on SW

S13 on NW faces with 8 notches on N & S edges.

Thence I run N89°56' E on a true line bet secs 18 & 19 with same va.

39.58 Drive a charred stake 12 ins in the ground for ¼ sec cor, dug pits 18x18x12 ins E & W of post 5½ ft dist., and raised mound of earth 1½ ft high 3½ ft base over it. In E pit Drive a stake 2x2 ins 2 ft long 1 ft in the ground marked ¼S on N face

79.58 The cor to Secs 17, 18, 19 & 20

Land:- E 12 chs rolling, soil 3rd rate balance level soil 2nd rate.



T34N R38W

North bet Secs 17 and 18
va 14° 38' E

15.00 Descend

26.00 Foot of hill 50 ft. Enter valley bears E & SW

35.00 Leave valley bears NW & SE and ascend.

40.00 Top of hill 40 ft. Drive a charred stake 12 ins in the ground for ¼ sec cor, dug pits 18x18x12 ins in each sec 5½ ft dist., and raised mound of earth 1½ ft high 3½ ft base over it. In E pit Drive a stake 2x2 ins 2 ft long 1 ft in ground marked ¼S on N face

80.00 Drive a charred stake 12 ins in the ground for cor to Secs 7, 8, 17 & 18, 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 Drive stake 2x2 ins 2 ft long 1 ft in the ground marked

T34N S8 on NE

R38W S17 on SE

S18 on SW and

S7 on NW faces with 4 notches on S and 5 notches on E edges.

Land:- S 26 & N 45 chs rolling soil 3rd rate, balance level soil 2nd rate.

Subdivisions

East on a random line bet secs 8 & 17
va 14° 38' E

40.00 Set temporary ¼ sec cor.

79.84 Intersect N & S line 14 lks S of cor to secs 8, 9, 16 and 17. Thence I run S89°54'W on a true line bet secs 8 and 17 with same va.

39.92 Drive a charred stake 12 ins in the ground for ¼ sec cor. dug pits 18x18x12 ins E & W of post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drive stake 2x2 ins 2 ft long 12 ins in the ground marked ¼ S on N face.

79.84 The cor to secs 7, 8, 17 and 18
Land rolling.
Soil 3rd rate.



T34N R38W

West on a random line bet secs 7 & 18
va 14° 38' E

40.00 Set temporary ¼ sec cor.

79.47 Intersect W boundary of township 12 lks N of cor to secs 7, 12, 13 & 18 which cor is a mound of earth 2 ft high 4½ ft base over it. Four pits 18x18x12 ins in each sec 5½ ft dist, and in SE pit a stake 2x2 ins 1 ft above ground marked:—
T34N S 7 on NE
R38W S 18 on SE
R39W S 13 on SW
S 12 on NW faces with 2 notches on N and 4 notches on S edges. Thence I run N89°55'E on a true line bet secs 7 & 18 with same va.

39.47 Drive a charred stake 12 ins in the ground for ¼ sec cor. dug pits 18x18x12 ins E & W of post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drive a stake 2x2 ins 2 ft long 1 ft in the ground marked ¼ S on N face

79.47 The cor to secs 7, 8, 17 and 18
Land rolling. Soil 3rd rate.

North bet secs 7 and 8
var 14° 38' E

40.00 Drive a charred stake 12 ins in the ground for
¼ sec cor., dug pits 18x18x12 ins N & S of post 5½ ft
dist and raised mound of earth 1½ ft high
3½ ft base over it. In N pit drive a stake
2x2 ins 2 ft long 1 ft in the ground marked ¼ S on N face,

80.00 Drive a charred stake 12 ins in the ground for cor to
secs 5, 6, 7 & 8., 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 drive a stake 2x2 ins 2 ft long 1 ft in the
ground marked:-
T34 N R38 W S5 on NE
S8 on SE
S7 on SW and
S6 on NW faces with 5 notches on S and
E edges
Land rolling Soil 3rd rate.



East on a random line bet secs 5 & 8
var 14° 38' E

40.00 Set temporary ¼ sec cor
80.18 Intersect N & S line 26 chs S of cor to secs 4, 5 & 8
and 9. Thence I run
S89°49' W on a true line bet secs 5 & 8
with same var

40.09 Drive a charred stake 12 ins in the ground for ¼
sec cor., dug pits 18x18x12 ins E & W of post 5½ ft dist
and raised mound of earth 1½ ft high 3½ ft base
over it. In E pit drive a stake 2x2 ins 2 ft long 1
ft in the ground marked ¼ S on N face,

80.18 The cor to secs 5, 6, 7 and 8
Land:- rolling Soil 3rd rate.

# Quadrilaterals

West on a random line bet secs 6 & 7
var 14° 38' E

40.00 Set temporary 1/4 sec cor.

79.62 Intersect W boundary of township 21 chs N of cor to secs 1, 6, 7 & 12 which cor is a mound of earth 2 ft high 4½ ft base over it, from pits 18x18x12 ins in each sec 5½ ft dist, and in SE pit a stake 2x2 ins 1 ft above ground marked

T 34 N S 6 on NE
R 38 W S 7 on SE
R 39 W S 12 on SW
S 1 on NW faces with 5 notches on S and 1 notch on N edges. Chained Drum

N 89° 51' E on a true line bet secs 6 & 7 with same va

39.62 Dmd a charred stake 12 ins in the ground for 1/4 sec cor, dug pits 18x18x12 ins E & W of post 5½ ft dist., and raised a mound of earth 1½ ft high 3½ ft base over it. In E pit Dmd a stake 2x2 ins 2 ft long 1 ft in the ground marked 1/4 S on N face

79.62 The cor to secs 5, 6, 7 & 8.
Land rolling Soil 3rd rate.



# T 34 N R 38 W

North on a random line bet secs 5 & 6
va 14° 38' E

40.00 Set temporary 1/4 sec cor.

60.00 Descend.

67.00 Foot of hill 40 ft. Enter valley, bears NE & NW

80.20 Intersect N boundary of township 8 chs W of cor to secs 5, 6, 31 & 32, which cor is a mound of earth 2 ft high 4½ ft base over it, from pits 18x18x12 ins in each sec 5½ ft dist, and in SE pit a stake 2x2 ins 1 ft above ground marked:—

T 35 N S 32 on NE
R 38 W S 5 on SE
T 34 N S 6 on SW
S 31 on NW faces with 1 notch on W and 5 notches on E edges. Chained Drum

S 0° 3' W on a true line bet secs 6 & 7 with same va

40.20 Dmd a charred stake 12 ins in the ground for 1/4 sec cor, dug pits 18x18x12 ins N & S of post 5½ ft dist., and raised a mound of earth 1½ ft high 3½ ft base over it. In N pit Dmd a stake 2x2 ins 2 ft long 1 ft in the ground

Subdivisions

marked 1/4 S on W face

80.20 The cor to secs 5, 6, 7 and 8,
Land:- S 67 chs rolling with 3rd rate soil, balance level soil 3rd rate,
May 21, 1883



T 34 N R 38 W

General Description

The greater part of this township is high rolling prairie. There is no water in the township except Bear Creek, which is a small stream running through the northeastern part of the township. The soil in the valleys is much better than the uplands, there is a great deal of grass, and the township is better adapted for grazing than any thing else

## A List of Names.

A list of the names of the individuals employed by S C McElroy, 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 retracement lines of Township No 34 north, of Range No 38 west of the 6 P.M. in Nebraska showing the respective capacities in which they acted:-

| | |
|---|---|
| J L McElroy | Compassman |
| Barnie Carrigan | Numerdsmen |
| J M McElroy | Flagsman |
| Ed Duffey | Chainman |
| Charley Padden | Chainman |



## Final Oaths of Assistants.

We hereby certify that we assisted J L McElroy United States Deputy Surveyor in surveying all of those parts or portions of the exterior boundaries and subdivision lines of Township No 34, north of Range No 38, west of the 6th 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

T 34 N R 38 W

faithfully surveyed and the corner monuments established according to the instructions furnished by the United States Surveyor General for Nebraska

J. L. McElroy Compass mark
Barnie Corrigan ~~[illegible]~~ [illegible]
J M McElroy ~~[illegible]~~
Edwin Duffey Chainman
Chainman
Charley Padden.

Sworn & Sub[illegible] before me this 25th day of May 1883
Chas H Cowell
U.S. Commissioner
Dist of Neb



T 34 N R 38 W

Final Oath of U S Deputy Surveyor.

I. J. C. McElroy, U S Deputy Surveyor, do solemnly swear that in pursuance of instructions received from George S Smith, U S Surveyor General for Nebraska, bearing date of the 29th day of August 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, the surveying manual and the laws of the United States, surveyed all those parts or portions of the exterior and subdivision lines of township No 34, North of Range No 38 west of the 6th principal meridian in the state of Nebraska

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T 34 N R 38 W

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 U S Surveyor General for Nebraska, and in the special 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 8, 1846

S C McElroy
Deputy Surveyor

Subscribed & sworn to before me this 22nd day of September A.D. 1883

W R Adams
Notary Public

U.S. Surveyor General's Office
Plattsmouth Nebraska
November 14th 1883

The foregoing field notes of the Survey of the Subdivision, and resurvey of the Exterior lines of Tp. No 34 N. Range No 38 W of the 6th P.M. in Nebraska, executed by S.C. McElroy U.S. Deputy Surveyor under his contract No 12 dated August 12 1882 in the month of May 1883, having been critically examined ~~by me~~ the necessary corrections ~~made~~ and explanations made to said field notes and the surveys they describe are hereby approved

L V Stephenson
U.S. Surveyor General

Field Notes
of the
Retracement of the Exterior
and Survey of the
Subdivision Lines
of
Fractional
Township No 35 N of Base Line Range
No 38 W of the 6th PM in
Nebraska
as surveyed by
J. C. McElroy
U S Deputy Surveyor
under his
Contract No 12
Dated August 29th 1882

Survey Commenced May 27. 1883

Survey completed
May 29th 1883

## Names and duties of assistants

| | |
|---|---|
| J L McElroy | Compassman |
| Barnie Carrigan | Mundman |
| J M McElroy | Flagman |
| Ed Duffey | Chainman |
| Charley Padden | Chainman |

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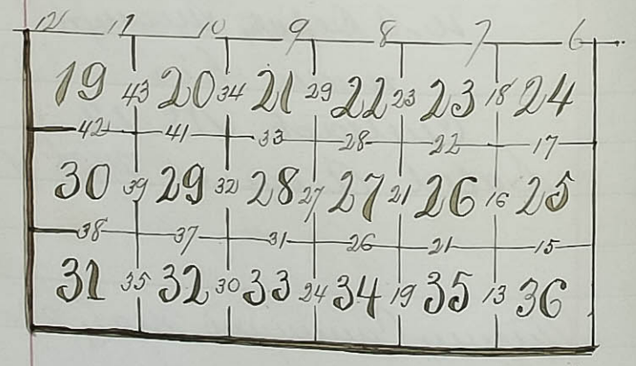



## Preliminary Oaths of Assistants

We Ed Duffey and Charley Padden do solemnly swear that we will well and faithfully execute the duties of chain carriers: that we will level the chain upon uneven ground and plumb the tally pins whether by sticking or dropping the same, that we will report the true distance to all notable objects and the true length of lines that we assist in measuring to the best of our skill and ability

Ed his x mark Duffey
Charley Padden

Subscribed and sworn to before me this 4th day of May A D 1883

Chas H Carrell
[Seal] U S Commissioner
Dist of Neb

I Barnie Carrigan do solemnly swear that I will well and truly perform the duties of mundman according to

instructions given me and to the best of my ability

Bernie Carrigan

Subscribed and sworn to before me this 4th day of May AD 1883

Chas H Cowell

[Seal] US Commissioner Dist of Neb

I J M McElroy do solemnly swear that I will well and truly perform the duties of Flagman according to instructions given me and to the best of my skill and ability

J M McElroy

Subscribed and sworn to before me this 4th day of May AD 1883

Chas H Cowell

[Seal] US Commissioner Dist of Neb



Retracement Exterior of T35 N R38W

During the night of May 26th 1883 near the NE cor of T35 N R38W I took an observation on the star Polaris in accordance with instructions in the printed manual for public surveys and drove stakes on the line thus established

Retracement survey commenced May 27th 1883, with a Burt's Improved Solar Compass, manufactured by W & L E Gurley of Troy N.Y.

Before commencing this survey I test my compass on the line established during last night and found it correct.

In commencing the survey of this township I first retrace the north boundary thereof, beginning at the corner to Twp 35 N R37 & 38W on the north boundary of the State lining the 43rd P N Lat, which cor is a post 4 ins square 1 ft above top of mound which is 2½ ft high 4½ ft base around post from pits 24 x 18 x 12 ins S E & W of

post 3½ ft dist. Post marked
C C on N
R 38 W 16 notches on W
T 35 N 16 notches on S
R 37 W 16 notches on E
thence I run West on the 43rd
P N Lat
Va 14° 30' E
15.80 A point 15 lks S of 106th mile post
which is 6 ins square burned off
even with top of ground in low
mound from pits nearly full. Set
post 6 ins square 5 ft long 2 ft
in mound and rammed mound
of earth to 3½ ft high 5 ft base
from pits 3 ft square 18 ins deep
E & W of post 6 ft dist. Post marked
Dakota on N
Nebraska on S
106th mile x 43° N L on E
and 1883 on W
Land rolling, Soil 3rd rate.
The return course is therefore
S 89° 27' E



From 106th mile post west on 43rd
P. N. Lat.
Va 14° 30' E
80.10 A point 70 lks S of 107th mile post
which is 6 ins square burned off even
with the top of the ground, the mound
and pits almost obliterated
Set post 6 ins square 6 ft long 2 ft in
the ground and rammed mound of
earth 3 ft high 5 ft base around
post from pits 24 x 18 x 12 ins E & W of
post 6 ft dist. Post marked
Dakota on N
Nebraska on S
107th mile x 43° N L on E
and 1883 on W
Land 1st upland rolling Soil 3rd rate
valley land soil 1st rate,
The return course is therefore
S 89° 30' E

Retracement N Bndry

From 107th mile post West on 43rd
P. N Lat
Va 14° 30 E

79.95 A point 80 lks S of 108th mile post
which is 6 ins square burned
off nearly to ground in land mound
with pits nearly full
Set post 6 ins square 7 ft long 3 ft
in ground and rebuilt mound of
earth to 3 ft high 5 ft base around
post from pits 3 ft square 18 ins
deep E & W of post 6 ft dist Post
marked:-
Dakota on N
Nebraska on S
108th mile & 43° N L on E
and 1883 on W
Land, rolling Soil 3rd rate
The return course is therefore
S89° 26 ' E



T35 N R38W

From the 108th mile post West on 43rd
P. N Lat.
Va 14° 30' E

Start from dry pond,
32.00 Drain, bears NW & SE
80.00 A point 70 lks S of 109th mile post
which is 6 ins square burned off
even with the top of the ground,
mound and pits almost obliterated
Set post 6 ins square 6½ ft long 3 ft
in ground and rebuilt mound of
earth to 3 ft high 5 ft base around
post from pits 3 ft square 18 ins
deep E & W of post 6 ft dist,
Post marked:
Dakota on N
Nebraska on S
109th mile & 43° N L on E
and 1883 on W
Land rolling Soil 3rd rate,
The return course is therefore
S89° 30 ' E

Retracement N Bndy 935 N R 38 W

From 109th mile post West on 43rd P. N Lat

Va 14° 30' E

80.05 A point 75 lks S of 110th mile post. which is bins square lumined off even with top of mound which is low and pits about full. Set post bins square 5 ft long 2 ft in the ground and rebuilt mound of earth to 3 ft high 5 ft base over it around post from pits 3 ft square 18 ins deep E & W of post 6 ft dist.
Post marked
Dakota on N
Nebraska on S
110th mile & 43rd P N L on E
and 1883 on W
Land rolling Soil 3rd rate
The return course is therefore
S 89° 28' E



From the 110th mile post West on 43rd P N Lat.

Va 14° 30' E

79.96 A point 80 lks South of 110th mile post, which is bins square lumined off even with top of low mound. Set post bins square 7 ft long 4 ft in the ground. Rebuilt mound of earth to 3 ft high 5 ft base around post from pits 3 ft square 18 ins deep E & W of post 6 ft dist.
Post marked
Dakota on N
Nebraska on S
111th mile & 43rd P. N. L on E
and 1883 on W
Land: rolling Soil 3rd rate
The return course is therefore
S 89° 26' E

Retracement N Bndry

From the 10th Mile post West
on 43rd P N Lat
Va 14° 30' E

5 2.00 Enter valley bears NW & SE
6 3.62 A point 60 lks S of the closing cor
to Tp 35 N Rs 38 & 39 W which cor
is post 4 x 4 ins 1 ft above top of
mound 2½ ft high 4½ ft
base one it from pits 2 x x 18 x 12
ins S. E. & W of post, 5½ ft dist
Post marked:-
C C on N
R 39 W & 6 notches on W
T 35 N & 6 notches on S
R 38 W & 6 notches on E
Level, up level rolling with
3rd rate soil, balance level
with 1st rate soil
The return course is therefore S 89° 26'
E,

May 27th 1883



T 35 N ✓ R 38 W

During the night of May 27 1883
near the South east cor of Twp
35 N R 38 W I took an observation
on the star Polaris in accordance
with instructions in the printed
manual for surveys, and drove State
on the line thus established.
Survey of subdivision lines
commenced May 28th 1883 with
a Burt's Improved Solar Compass
manufactured by [illegible] L E Gurley
Before commencing this survey
I test my compass on the
line established during last
night and find it correct.
From the cor to Secs 35 & 36
on the South boundary of Twp
No 35 N R 38 W, which cor is a
mound of earth 2 ft high 4½ ft
base one it from pits 18 x 18 x 12 ins
in each sec 5½ ft dist, with
Stake 2 x 2 ins 1 ft above ground in SE pit marked
T 35 N S 36 on NE
R 38 W S 1 on SE

# Subdivision of T 35 N R 38 W

T 34 N.
S 2 on S W and
S 35 on N W faces with 1 notch
on E and 5 notches on W edges
I run
North bet Secs 35 & 36
va 14° 38' 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 & S of post 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 x 2 ins 2 ft long 1 ft 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 25, 26, 35 & 36. 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 x 2 ins 2 ft long 1 ft in the ground marked:-
T 35 N S 25 on NE
R 38 W S 36 on SE
S 35 on S W and
S 26 on N W faces with 1 notch



on S and E edges
Land: rolling soil 3rd rate.

East on a random line bet Secs 25 & 36
va 14° 38' E

12.00 Descend
28.00 Foot of hill 40 ft entire valley brass NE & SE
40.00 Set temporary 1/4 sec cor.
80.40 Intersect E boundary of township
30 lks S of cor to secs 25 & 36, ~~which~~
E from described by me
~~cor is a cedar post 4 x 4 ins about 1 ft above a mound of earth 2 1/2 ft high 4 1/2 ft base over it. Dug pits 2 x 18 x 12 ins in each sec 5 1/2 ft dist. Post marked with 6 notches on each face~~ Chained run
S 89° 47' W on a true line bet secs
25 & 36 with same va

40.20 Deposited a charred stake 12 ins in the ground for 1/4 sec cor., dug pits 18 x 18 x 12 ins E & W of post 5 1/2 ft dist. and raised mound of earth 1 1/2 ft high 3 1/2 ft base over it. In E

# Subdivision of T35N R38W



| | |
|---|---|
| | Pit drove a stake 2x2 ins 2ft long, 1ft in the ground marked ¼ S on N face |
| 80.40 | The cor to secs 25, 26, 35 & 36 |
| | Land:- East 28 chs rolling Soil 3rd rate; balance level soil 2nd rate. |
| | North bet secs 25 & 26 |
| | Va 14° 38' E |
| 40.00 | Deposited a charred stake 12 ins in the ground for ¼ sec cor. Dug pits 18x18x12 ins N & S of post 5½ ft dish. and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove a stake 2x2 ins 2 ft long 1 ft in the ground marked ¼ S on W face |
| 70.00 | Descend |
| 78.00 | Foot of hill 40 ft, enter valley bears NE & SW |
| 80.00 | Deposited a charred stake 12 ins in the ground for ~~cor~~ to secs 23, 24, 25 & 26. Dug pits 18x18x12 in each sec 5½ ft dish. and raised mound of earth 2 ft high 4½ ft base over it. In SE pit drove a stake 2x2 ins 2 ft long 1 ft in the ground marked:- |

| | |
|---|---|
| | T35N S24 on NE |
| | R38W S25 on SE |
| | S26 on SW and |
| | S23 on NW faces with 2 notches on S and 1 notch on E edges |
| | Land:- rolling, Soil 3rd rate |
| | East on a random line bet secs 24 & 25 |
| | Va 14° 38' E |
| 3.00 | Leave valley, bears NE & SW & ascend. |
| 16.00 | Top of hill 40 ft |
| 40.00 | Set temporary ¼ sec cor. |
| 80.52 | Intersect Ebnundary of township 10 lks S of cor to secs 24 & 25. ~~which cor is~~ |
| | Before described by me ~~mound of earth 2½ ft high 4½ ft base over it with pits 2x18x12 ins in each sec 5½ ft dish, with cedar post 4x4 ins in mound, post marked 1 notch on Same 5 notches on W faces~~ |
| | Thence Drive |
| | S89°56'W on a true line bet secs 24 & 25 with same va |
| 40.26 | Deposited a charred stake 12 ins in the |

# Subdivision of T 35 N R 38 W

ground for ¼ sec cor. Dug pits 18x18x12 ins E & W of post 5½ ft dist. and raised a mound of earth 1½ ft high 3½ ft base over it. In E pit drove a stake 2x2 ins 2 ft long 1 ft in the ground marked ¼ S on N face.

50.52 The cor to secs 23, 24, 25 & 26.
Land rolling
Soil 3rd rate.

North on a true line bet Secs 23 & 24
Va 14° 38' E

40.00 Deposited a charred stake 12 ins in the ground for ¼ sec cor. dug pits 18x18x12 ins N & S of post 5½ ft dist. and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove a stake 2x2 ins 2 ft long 1 ft in the ground marked ¼ S on W face.

55.94 Intersected N Boundary of State being the 43rd P N Lat 16.00 Chs E of 107th mile post (before described by me)
Deposited a charred stake 2x2 ins in



the ground for closing cor to secs 23 & 24, dug pits 18x18x12 ins S, E, & 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 2x2 ins 2 ft long 1 ft in the ground marked:-
C C T 35 N R 38 W on S
S 24 on E and
S 23 on W faces with 1 notch on E & 5 notches on W faces.
Land level. Soil 2nd rate.

From the cor to secs 34 & 35 on the S boundary of T 35 N R 38 W, which is a mound of earth 2 ft high 4½ ft base over it from pits 18x18x12 ins in each sec 5½ ft dist. and stake 2x2 ins 1 ft above ground in SE pit marked:- T 35 N S 35 on NE
R 38 W S 2 on SE
T 34 N S 3 on SW and
S 34 on NW faces with 2 notches on E and

Subdivision of T35N R38W

4 notches on W edges S run
North bet Secs 34 & 35
Va 14° 38' E

40.00 Deposited a charred stake 12 ins in the ground for 1/4 sec cor. dug pits 18x18x12 ins N & S of post 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 2x2 ins 2 ft long 1 ft in the ground marked 1/4 S on W face

48.00 Leave valley, bears NW & SE & ascend.

80.00 Top of ridge 40 ft. Deposited a charred stake 12 ins in the ground for cor to secs 26 27, 34 & 35. 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 2x2 ins 2 ft long 1 ft in the ground marked
T35N S26 on NE
R38W S35 on SE
S34 on SW and
S27 on NW faces with 1 notch on S and 2 notches on E edges
Land:- S 48 chs level Soil 2nd rate; balance rolling Soil 3rd rate.



East on a random line bet secs 26 & 35
Va 14° 38' E

40.00 Set temporary 1/4 sec cor.

80.10 Intersected N & S line 49 lks S of cor to secs 25, 26, 35 & 36. Thence S run S89°39' W on a true line bet secs 26 & 35 with same Va

40.05 Deposited a charred stake 12 ins in the ground for 1/4 sec cor. dug pits 18x18x12 ins E & W of post 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 a stake 2x2 ins 2 ft long 1 ft in the ground marked 1/4 S on N face

80.10 The cor to secs 26, 27, 34 & 35
D and rolling
Soil 3rd rate.

North bet Secs 26 & 27
Va 14° 38' E

40.00 Deposited a charred stake 12 ins in the ground for 1/4 sec cor. dug pits 18x18x12 N & S of post 5 1/2 ft dist. and raised a mound

Subdivision of T 35 N R 38 W

of earth 1½ ft high 3½ ft base over it. In N pit drove a stake 2x2 ins 2 ft long 1 ft in the ground marked ¼ S on N face

58.00 Foot of hill 40 ft, outer valley bears NE & SW

80.00 Deposited a charred stake 12 ins in the ground for cor to secs 22, 23, 26 & 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. In SE pit drove a stake 2x2 ins 2 ft long 1 ft in the ground marked

T 35 N S 23 on NE

R 38 W S 26 on SE

S 27 on SW and

S 22 on NW faces with 2 notches on S & E edges.

Land; S 58 chs rolling. Soil 3rd rate balance level soil 2nd rate.

East on a random line bet secs 23 & 26 Va 14° 38' E.

40.00 Set temporary ¼ sec cor.



79.90 Intersect N & S line 42 lks S of cor to secs 23, 24, 25 & 26 Thence I run S 89° 42' W on a true line bet secs 23 & 26 with same va

39.95 Deposited a charred stake 12 ins in the ground for ¼ sec cor., dug pits 18x18x12 ins E & W of post 5½ ft dist., and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drove a stake 2x2 ins 2 ft long 1 ft in the ground marked ¼ S on N face.

79.90 The cor to secs 22, 23, 26 & 27 Land level Soil 2nd rate

North on a true line bet secs 22 & 23 Va 14° 38' E

16.00 Leave valley, bears NW & NE & ascend,

40.00 Top of ridge 40 ft. Deposited a charred stake 12 ins in the ground for ¼ sec cor., dug pits 18x18x12 ins N & S of post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove a charred stake 2x2 ins 2 ft long 1 ft in

Subdivision of T35N R38W

the ground marked "x" on W face
Descend
56.45 Intersect N Boundary of State being the 43rd
P. N Lat 16.28 chs E of 108th mile post.
before described by me.
Deposited a charred stake 12 ins in the ground
for closing cor to secs 22 & 23, dug pits 18x18
x12 ins S, E, & 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 2x2 ins
2 ft long, 1 ft in the ground marked:-
CC T35N R38W on O
O23 on E and
S22 on W faces with 2 notches on E and
4 notches on W faces.
Land:- O16 chs level, soil 2nd rate;
balance rolling soil 3rd rate.

From the cor to secs 33 & 34 on the S
boundary of T35N R38W, which cor is
a mound of earth 2 ft high 4½ ft ~~base~~
base over it from pits 18x18x12 ins in
each sec 5½ ft dist., with stake



2x2 ins 1 ft above ground in SE pit marked:
T35N O34 on NE
R38W O3 on SE
T34N O4 on SW Ed
O33 on NW faces with 3 notches on E
& W edges Drum
North bet Secs 33 & 34
Va 14° 38' E
40.00 Deposited a charred stake 12 ins in the
ground for "x" sec cor., dug pits 18x18x12 ins
N & S of post 5½ ft dist., and raised a
mound of earth 1½ ft high 3½ ft base
over it. In N pit drove a stake 2x2
ins 2 ft long, 1 ft in the ground marked
"4" on W face
54.00 Descend.
70.00 Foot of hill 40 ft entire valley, bears NW & SE
80.00 Deposited a charred stake 12 ins in the ground
for cor to secs 27, 28, 33 & 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.
In SE pit drove a stake 2x2 ins 2 ft long
1 ft in the ground marked
T35N O27 on NE

# Subdivision of T35N R38W

R38W S34 on SE
S33 on SW and
S28 on NW faces with 1 notch on
S and 3 notches on E edges
Land:- S70 chs rolling soil 3rd rate
balance level soil 2nd rate.

East on a random bet secs 27 & 34
Va 14° 38' E

18.00 Leave valley, bears NE+SE and ascend,
24.00 Top of point, 50 ft.
40.00 Set temporary 1/4 sec cor.,
79.68 Intersect N+S line 28 lks S of cor to secs
26, 27, 34 & 35 Thence I run
S89°48' W on a true line bet secs 27 & 34
with same va,
39.84 Deposited a charred stake 12 ins in the ground
for 1/4 sec cor. Aug pits 18x18x12 ins E+W of post
5½ ft dist and raised mound of earth 1½
ft high 3½ ft base over it. In E pit
drove stake 2x2 ins 2 ft long 1 ft in the
ground marked 1/4 S on N face
79.68 The cor to secs 27, 28, 33 & 34



Land:- W 18 chs level soil 2nd rate;
balance rolling soil 3rd rate.

North bet secs 27 & 28
Va 14° 38' E

27.00 Leave valley, bears NE+SW and ascend,
40.00 Top of hill 40 ft. Deposited a charred
stake 12 ins in the ground for 1/4 sec cor. Aug pits
18x18x12 ins N+S of post 5½ ft dist and raised
mound of earth 1½ ft high 3½ ft base over it. In
N pit drove stake 2x2 ins 2 ft long 1 ft 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 21, 22, 27 & 28. Aug 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 2x2 ins 2 ft long 1 ft in the ground marked:-
T35N S22 on NE
R38W S27 on SE
S28 on SW and
S21 on NW faces with 2 notches on S and
3 notches on E edges,
Land: S27 chs level soil 2nd rate; balance rolling soil 3rd rate

# Subdivision of

East on a random line bet Secs 22 & 27
Va 14° 38' E

40.00 Set temporary ¼ sec cor.
68.00 Descend
75.00 Foot of line 40 ft enter valley
bears NW & SW 26
79.82 Intersect N & S line 26 lks S of cor to
secs 22, 23, 26 & 27. Thence I run
S 89° 49' W on a true line bet secs
22 & 27 with same va
39.91 Deposited charred stake 12 ins in the
ground for ¼ sec cor., dug pits 18x18x12
ins E & W of post 5½ ft dist and raised
mound of earth 1½ ft high 3½ ft base over
it. In E pit drove a stake 2x2 ins 2 ft
long 1 ft in the ground marked ¼ S on
N face
79.82 The cor to secs 21, 22, 27 & 28
Land rolling Soil 3rd rate
May 28th 1883



# T 35 N R 38 W

North on a true line bet Secs 21 & 22
Va 14° 38' E

40.00 Deposited a charred stake 12 ins in the
ground for ¼ sec cor., dug pits 18x18x12 ins
N & S of post 5½ ft dist., and raised mound
of earth 1½ ft high 3½ ft base over it
In N pit drove a stake 2x2 ins 2 ft long 1
ft in the ground marked ¼ S on W face.
56.32 Intersect N boundary of state being
the 43rd P N Lat 16.24 chs E of 109th
mile post, before described by me.
Deposited a charred stake 12 ins in the
ground for closing cor to secs 21 & 22
dug pits 18x18x12 ins S, E, & W of cor 5½
ft dist., and raised a mound of earth
2½ ft high 4½ ft base over it. In E
pit drove a stake 2 ft long 2x2 ins
1 ft in the ground marked:-
CC T 35 N R 38 W on S
S 22 on E
S 21 on W faces with Fractures on
E & W faces.
Land rolling Soil 3rd rate.

# Subdivision of T35N R38W

From the cor to secs 32 & 33 in the S Boundary of Tp 35N R38W, which cor is a mound of earth 2 ft high 4½ ft base over it from pits 18x18x12 ins in each sec 5½ ft dist with stake in SE pit 2x2 ins 1 ft above ground marked:-
T35N S33 on NE
R38W S4 on SE
T34N S5 on SW
S32 on NW faces with 4 notches on E & 2 notches on W edges I run North bet secs 32 & 33
Va 14° 38' E

24,00 Bear creek 8 lks wide runs SE

40,00 Deposited charred stake 12 ins in the ground for ¼ sec cor, dug pits N & S of post 18x18x12 ins 5½ ft dist, and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove a stake 2x2 ins 2 ft long 1 ft in the ground marked ¼ S on W face.

54,00 Leave valley, bears NW & SE & ascend.

80,00 Top of hill 40 ft. Deposited a charred



stake 12 ins in the ground for cor to secs 28, 29, 32 & 33. 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 a stake 2x2 ins 2 ft long 1 ft in the ground marked:-
T35N S28 on NE
R38W S33 on SE
S32 on SW and
S29 on NW faces with 1 notch on S and 4 notches on E edges
Land:- S54 Chs level Soil 2nd rate balance rolling Soil 3rd rate.

East on a random line bet secs 28 & 33
Va 14° 38' E

40.00 Set temporary ¼ sec cor.

56,00 Descend

64,00 Foot of hill 35 ft Enter valley bears NE & SE

79,70 Intersect N & S line 7 lks S of cor to secs 27, 28, 33 & 34. Thence I run S89°57'W on a true line bet secs 28 & 33 with same Va

39.85 Deposited a charred stake, 2 ins in the ground for 1/4 Sec cor., dug pits 18x18x2 ins E & W of post 5½ ft dist., and raised mound of earth 1½ ft high 3½ ft base over it. In E pit drove a stake 2x2 ins 2 ft long 1 ft in the ground marked 1/4 S on N face,

79.70 The cor to secs 28, 29, 32 & 33 found:- W 64 lks rolling Soil 3rd rate balance level Soil 2nd rate.

North bet Secs 28 and 29
Va 14° 38' E

40.00 Deposited a charred stake 12 ins in the ground for 1/4 Sec cor., dug pits 18x18x12 ins N & S of post 5½ ft dist., and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove a stake 2x2 ins 2 ft long 1 ft 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 20, 21, 28 & 29, dug pits 18x18x12 ins in each sec 5½ ft dist and raised a mound of sand 2 ft high 4½ ft base over it. In SE pit drove a stake 2x2 ins 2 ft long 1 ft in the ground marked:-
T35N S21 on NE
R38W S28 on SE
S29 on SW and
S20 on NW faces with 2 notches on S and 4 notches on E edges
Land rolling Soil 3rd rate.

East on a random line bet Secs 21 & 28
Va 14° 38' E

40.00 Set temporary 1/4 Sec cor.

79.74 Intersect N bdy 56 lks S of cor to Secs 21, 22, 27 & 28 Thence S run S89°36'W on a true line bet Secs 21 & 28, with Same Va

39.87 Deposited a charred stake 12 ins in the ground for 1/4 Sec cor., dug pits 18x18x12 ins E & W of post 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft

# Subdivision of T35N R38W



base over it. In E pit drove a stake 2x2ins 2ft long 1 ft in the ground marked 1/4 S on N face.

79.74 The cor to secs 20 21 28 & 29
Land rolling
Soil 3rd rate.

North on a true line bet Secs 20 & 21
Va 14° 38' E

40.00 Deposited a charred stake 12ins in the ground for 1/4 sec cor. dug pits 18x18x12 ins N & S of post 5½ ft dist. and raised mound of earth 1½ ft high 3½ ft base over it. In N pit drove a stake 2x2ins 2ft long 1 ft in the ground marked 1/4 S on W face

56.64 Intersect N boundary of the State being 43rd P. N Lat 16.55 chs E of 110th mile post. before described by me.
Deposited a charred stake 12ins in the ground for closing cor to secs 20 & 21. dug pits 18x18x12 ins S.

E & W of cor 5½ ft dist. and raised a mound of earth 2ft high 4½ ft base over it. In E pit drove a stake 2x2ins 2 ft long 1 ft in the ground marked:-
C C T35N R38W on S
S21 on E
S20 on W faces with 4 notches on E and 2 notches on W faces
Land rolling Soil 3rd rate

From the cor to secs 31 & 32 on the S Boundary of Twp 35N R38W which cor is a mound of earth 2ft high 4½ ft base over it from pits 18x18x12 ins in each sec 5½ ft dist. with stake 2x2ins 1 ft above ground in SE pit marked:-
T35N S32 on NE
R38W S 3 on SE
T34N S4 on SW and
S31 on NW faces with 5 notches on E & 1 notch on W faces I run

# Subdivision of T35 N R38 W

North bet Secs 31 & 32
Va 14° 38' E

40,00 Deposited a charred stake 12 ins in the ground for 1/4 Sec cor, dug pits 18x18x12 ins N & S of post 5½ ft dist, and raised mound of earth 1½ ft high 3½ ft base on it. In N pit drove a stake 2x2 ins 2 ft long 1 ft in the ground marked "1/4 S on W face

53,00 Leave valley bears NE & SW and ascend hill.

80,00 Top of hill 50 ft. Deposited a charred stake 12 ins in the ground for cor to Secs 29 30, 31 & 32, dug pits 18x18x12 ins in each sec 5½ ft dist and raised a mound of earth 2 ft high 4½ ft base on it. In SE pit drove a stake 2x2 ins 2 ft long 1 ft in the ground marked:-
T35 N S 29 on NE
R38 W S 32 on SE
S 31 on SW and
S 30 on NW faces nick 1 notch on S



and 5 notches on E edges
Land: 80 3 chs land Soil 2nd rate
balance running Soil 3rd rate,

East on a random line bet Secs 29 & 32
Va 14° 38' E

Descend
15,00 Foot of hill 50 ft enter valley bears NW and SW
32,50 Bear Creek 7 lks wide runs SE
40,00 Set temporary 1/4 Sec cor.
51,00 Leave valley bears NW & SE and ascend.
80,33 Top of hill 40 ft,
Intersect N & S line 20 lks S of cor to Secs 28, 29 32 & 33
Thence I run
S89° 51' W on a true line bet Secs 29 and 32 with same va
40,16 Deposited a charred stake 12 ins in the ground for 1/4 Sec cor, dug pits 18 x 18 x 12 ins E & W of post 5½ ft dist, and raised mound of earth 1½ ft

# Subdivision of T 35 N R 38 W

high 3½ ft base over it. In E pit drive a stake 2x2 ins 2 ft leng 1 ft in the ground marked 1/4 S on N face

80.32 The cor to secs 29 30, 31 & 32 Land: W 15 & E 29 chs rolling with 3rd rate soil; balance level and soil 2nd rate.

West on a random line bet secs 30 & 31
va 14° 38' E

40.00 Set temporary 1/4 sec cor

79.60 Intersect W boundary of the township at 12 lks N of cor to secs 30 & 31 which cor is a mound of earth 2 ft high 4½ ft base over it from pits 18x18x12 ins in each sec 5½ ft dist. with stake in SE pit 2x2 ins 1 ft above ground marked:-
T 35 N S 30 on NE
R 38 W S 31 on SE
R 37 W S 36 on SW
S 25 on N W faces with 1 notch on S and 5 notches on N edges
Thence Drive
S 89° 55' E on a true line bet secs 30 & 31 with same va

39.60 Deposited a charred stake 12 ins in the ground for 1/4 sec cor., dug pits 18x18x12 ins E & W of post 5½ ft dist., and raised a mound of earth 1½ ft high 3½ ft base over it. In E pit drive a stake 2x2 ins 2 ft long 1 ft in the ground marked 1/4 S on N face

79.60 The cor to secs 29, 30, 31 & 32, Land rolling
Soil 3rd rate

North bet secs 29 & 30
va 14° 38' E

Descend.

19.00 Foot of point 50 ft enter valley bears NW and SE

34.00 Bear Creek 5 lks wide runs SE

40.00 Deposited a charred stake 12 ins in the ground for 1/4 sec cor., dug

pits 18x18x12 ins N & S of post 5½ ft dist, and raised a mound of earth 1½ ft high 3½ ft base over it. In N pit drove a stake 2x2 ins 2 ft long 1 ft in the ground marked ¼ S on W face

80.00 Deposited a charred stake 12 ins in the ground for cor to secs 19 20 29 & 30, 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 a stake 2x2 ins 2 ft long 1 ft in the ground marked:-

T 35 N S 20 on NE
R 38 W S 29 on SE
S 30 on SW and
S 19 on NW faces with 2 notches on S and 5 notches on E edges.

Land: S 19 chs rolling with 3rd rate soil, balance level with 2nd rate soil.



East on a random line bet secs 20 & 29 va 14° 38' E

5.00 Leave valley bears NW & SE and ascend.

16.00 Top of hill 40 ft.

40.00 Set temporary ¼ sec cor.

80.20 Intersect N & S line 28 chs S of cor to secs 20, 21, 28 & 29.

Thence I run S 89° 48' W on a true line bet secs 20 & 29 with same va.

40.10 Deposited a charred stake 12 ins in the ground for ¼ sec cor. dug pits 18x18x12 ins E & W of post 5½ ft dist and raised a mound of earth 1½ ft high 3½ ft base over it. In E pit drove a stake 2x2 ins 2 ft long 1 ft in the ground marked ¼ S on N face.

80.20 The cor to secs 19, 20, 29 & 30

Land rolling

Soil 3rd rate.

# Subdivision of T35N R38W

West on a random line bet secs 19 & 30
va 14° 38' E

13.00 Bear Creek 5 lks wide runs SE

21.00 Leave valley, bears NW & SW and ascend

40.00 Top of hill 40 ft
Set temporary 1/4 Sec Cor

79.48 Intersect west boundary of township 16 lks S of cor to secs 19 & 30, which cor is a mound of earth 2 ft high 4½ ft base over it, from pits 18x18x12 ins in each sec 5½ ft dist, and stake 2x2 ins 1 ft corner ground in SE pit marked:
T35N S19 on NE
R38W S30 on SE
R39W S25 on SW
S24 on NW faces with 2 notches on S and 4 notches on N edges
Shenar Drum
S89°53' E on a true line bet secs 19 & 30 with same va

39.48 Deposited a charred stake 12 ins in the ground for 1/4 sec cor, dug pits 18x18x12 ins E & W of post 5½ ft dist and raised mound of earth 1½ ft high 3½ ft base over it. In S pit drove a stake 2x2 ins 2 ft long 1 ft in the ground marked ¼S on N face.



79.48 The cor to secs 19 20 29 & 30
Land:- E 21 lks level with 2nd rate soil; balance rolling with 3rd rate soil.

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North on a true line bet secs 19 & 20
va 14° 38' E

5.00 Leave valley, bears NW and SE and ascend.

18.00 Top of hill 40 ft

40.00 Deposited a charred stake 12 ins. in the ground for 1/4 sec. cor., dug pits 18x18x12 ins N & S of post 5½ ft dist., and raised a mound of earth 1½ ft high 3½ ft base over it. In N pit drove a stake 2x2 ins 2 ft long 1 ft in the ground marked

1/4 S on W face

56.80 Intersect N Boundary of the State being 43rd P. N. Lat 16.38 chs East of 111th Mile post, before by me described

Deposited a charred stake 12 ins. in the ground for closing Cor. to Secs. 19 & 20. dug pits 18 x 18 x 12 ins S. E & 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 x 2 ins 2 ft long 1 ft in the ground, marked; C. C. T35N., R38W on S

S 20 on E

S 19 on W faces with 5 notches on E and 1 notch on W faces.

Land:- S 5 chs level, soil 2nd rate, balance rolling with 3rd rate soil

May 29th 1883

## General Description

This fractional township is composed of mostly rolling land with a third rate soil. The valley in western part of township is much the best, and Bear creek is all the water in the township. The valley land is much better than the upland.

T35N R38W



T35N R38W

# A List of Names

A list of the names of the individuals employed by S. C. McElroy 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 Retracement of the North boundary and survey of the Subdivision lines of fractional Township No 35 North, of Range No 38 W of the 6th Principal Meridian in the State of Nebraska showing the respective capacities in which they acted.

J L McElroy
Compassman
Barnie Carrigan

T35N R38W

Mundman
J M McElroy
Flagman
Ed Duffey
Chainman
Charley Padden
Chainman



T35N R38W

Final Oaths of Assistants

We hereby certify that we assisted J. C. McElroy United States Deputy Surveyor in surveying all those parts or portions of the Retracement of the North boundary and subdivision lines of fractional Township No. 35 north of Range No. 38 west 6th 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 United States Surveyor General for Nebraska

J. L. McElroy Compassman
Bernie Corrigan Mountman
J M McElroy Flagman
Ed his x mark Duffey Chainman
Charley Padden. Chainman

Subscribed and sworn to before me this 20th day of June 1883.

Chas H. Conrey
U.S. Commission
Dist of Neb



Final Oath of U S Deputy Surveyor.

I S. C. McElroy, U S Deputy Surveyor, do solemnly swear that in pursuance of instructions received from George S Smith Surveyor General for Nebraska bearing date of the 29th day of August 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, the surveying manual, and the laws of the United States, surveyed all those parts or portions of the retracement and subdivision lines of township No 35 north, of range No 38 west of the 6th principal meridian

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 U.S. Surveyor General for Nebraska, 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 8, 1846

Stephen C McElroy
U.S. Deputy Surveyor

Subscribed and sworn



to before me this 15th day of October 1883

M S Mahin
Notary Public

U. S. Surveyor Generals Office
Plattsmouth Neb
November 14th 1883

The foregoing field notes of the survey & the Subdivision and resurvey of the Exterior lines of Tp. 35 N. R 38 W of 6th P. M. in Nebraska, Executed by S. C. McElroy U. S. Deputy Surveyor under his Contract No 12 dated August 29th 1882, in the month of May 1883, having been ~~correctly~~ critically examined, the necessary corrections ~~made~~ and explanations made the said field notes and the Survey they describe are hereby approved

L V Stephenson
U. S. Surveyor General

# General Land Office • Original Field Notes

## Book Number

# 610

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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.