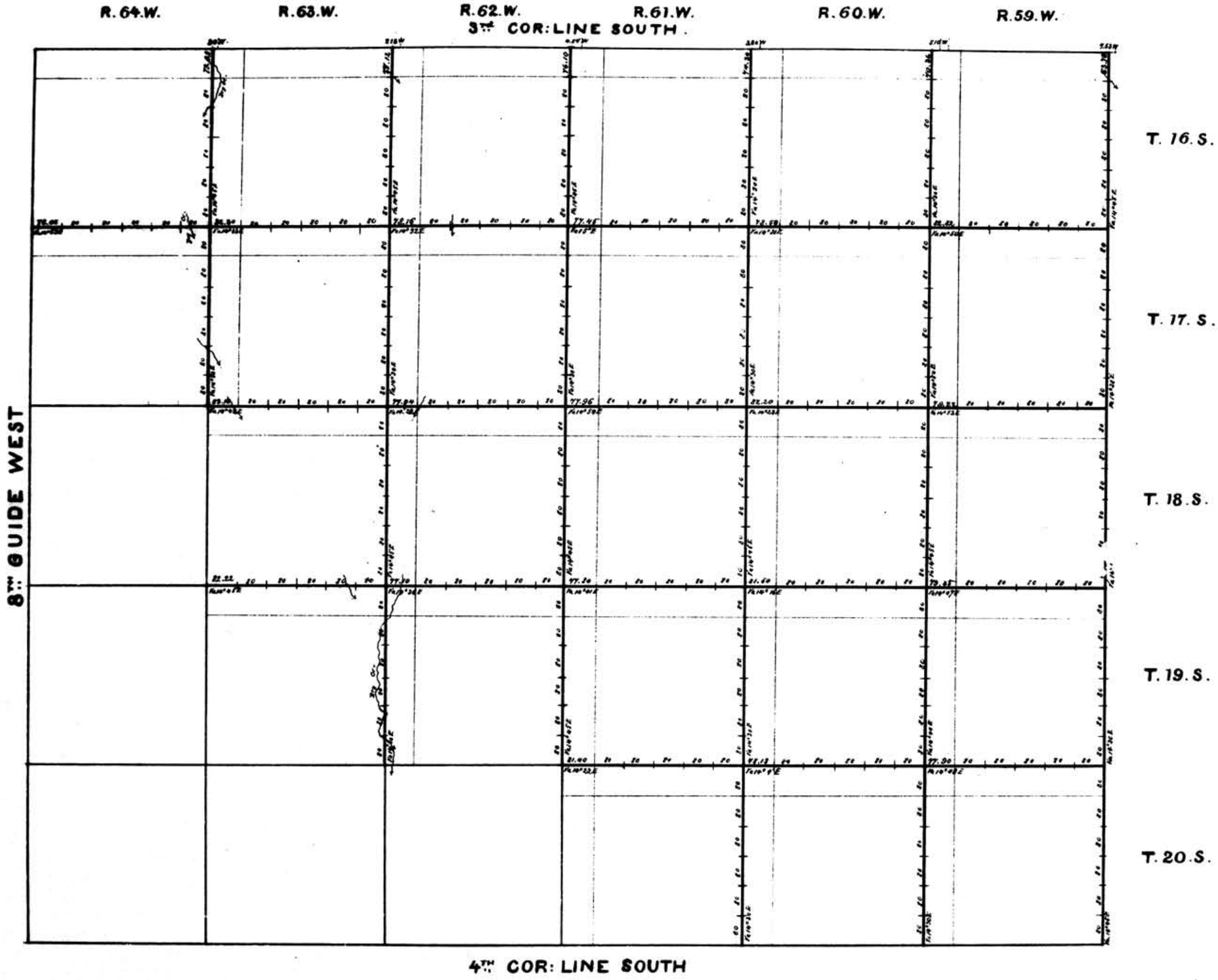


Amount of Survey: Townshiplines: 263 Mi 35 Chs 77 Lks
Connections " 24 " 05 "

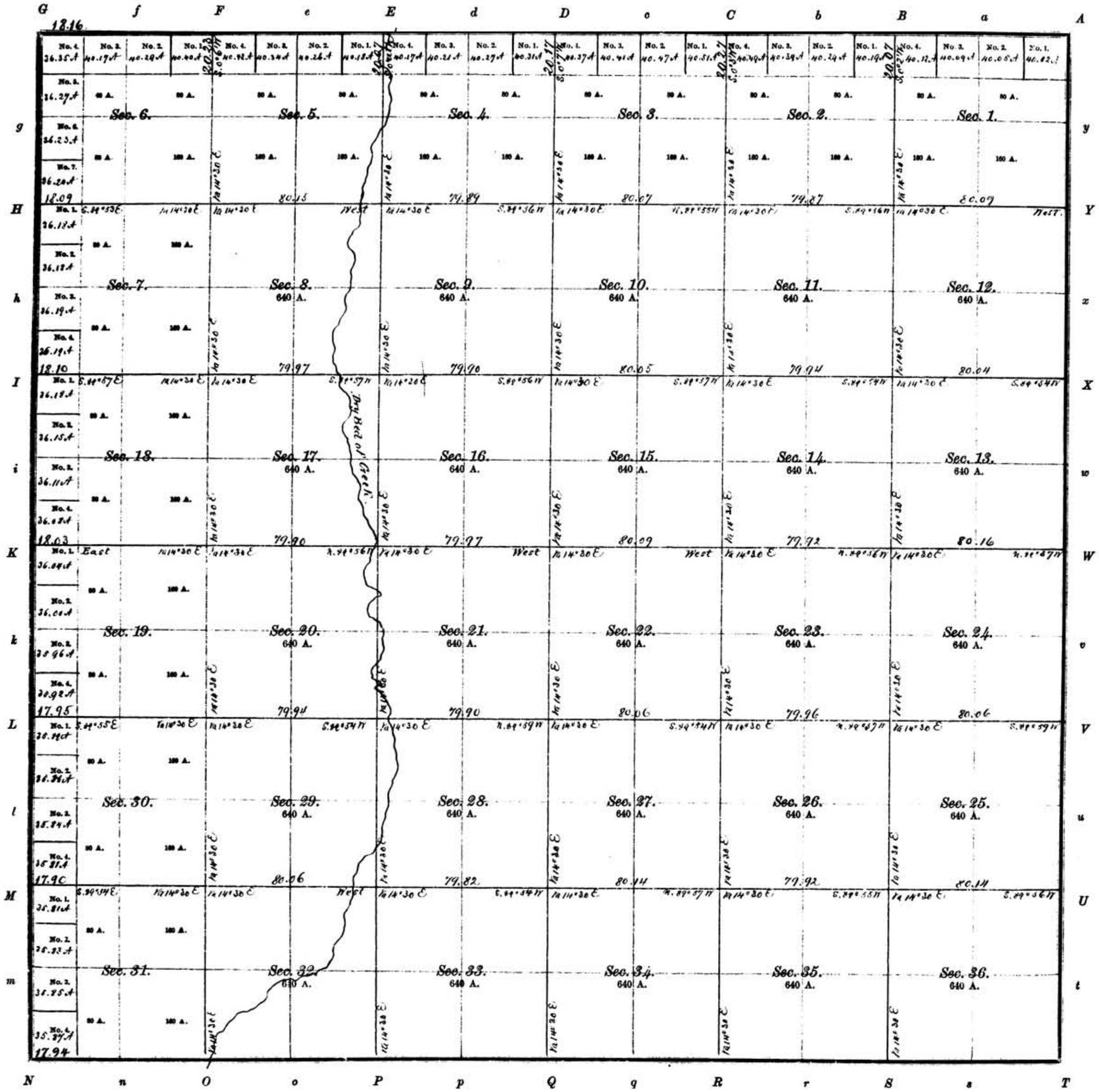
Survey commenced. July 2nd 1871.
" completed: August, 5th 1871.

I hereby Certify that the above Diagram of the Exterior Lines of Townships No 16 & 17 South Ranges No 59, 60, 61, 62, 63 & 64, of Townships No 18 & 19 South, Ranges No 59, 60, 61, 62 & 63, of Township No 20 Ranges No 59, 60 & 61 West of the 6th Principal Meridian in Colorado as surveyed by Jacob H. Martz under his Contract of June 14th 1871, is strictly conformable to the field notes of the Survey thereof on file in this Office, which have been examined and approved

Surveyor General's Office
Denver, C. T. October, 21st 1871.

W. W. Lessig.
Surv. Genl.

Township No. 17 South Range No. 62 West of the 6th Principal Meridian.



22951.41 Total number of Acres.

Scale, 40 chains to an inch.

Surveys Designated.	By whom Surveyed.	Date of Contract.	Amount of Surveys. M	Chs.	Lks.	When Surveyed.
Township,	Jac. H. Martz	June 14th 1871.				1871
Sub-division,	" " "	July 5th 1872	69	40	27	July 10th to 15th 1872.

The above Map of Township No. 17 South of Range No. 62 West of the 6th Principal Meridian, in Colorado, is strictly conformable to the field notes of the survey thereof on file in this office, which have been examined and approved.

SURVEYOR GENERAL'S OFFICE,
Denver, C. T., September 14th 1872

Surveyor General.

BUREAU OF LAND MANAGEMENT

COLORADO RECTANGULAR SURVEY INDEX PRINTED: 02/24/76

TOWNSHIP 17 SOUTH RANGE 62 WEST -SIXTH PRIN MER

BOUNDARY	VOLUME	INTRODUCTION FROM	INTRODUCTION TO	SURVEY FROM	SURVEY TO	CERTIFICATE FROM	CERTIFICATE TO	TYPE	CONTRACT OR GROUP	ISSUED OR APPROVED	YEAR	SURVEY APPROVED	SURVEYOR OR REMARKS
NORTH	R0000	1	1	15	15	260	260E	ORG		06/19/1871	1871	10/21/1871	J H MARTZ
NORTH	R0000	1	1	44	47	260	260E	ORG		06/19/1871	1871	10/21/1871	J H MARTZ
NORTH	R0396	319	323	351	351	367	368	RES	47	10/26/1914	1914	09/30/1916	W SHAPCOTT
SOUTH	R0000	1	1	9	9	260	260E	ORG		06/19/1871	1871	10/21/1871	J H MARTZ
SOUTH	R0000	1	1	38	41	260	260E	ORG		06/19/1871	1871	10/21/1871	J H MARTZ
EAST	R0000	1	1	38	38	260	260E	ORG		06/19/1871	1871	10/21/1871	J H MARTZ
EAST	R0000	1	1	42	44	260	260E	ORG		06/19/1871	1871	10/21/1871	J H MARTZ
WEST	R0000	1	1	9	9	260	260E	ORG		06/19/1871	1871	10/21/1871	J H MARTZ
WEST	R0000	1	1	13	15	260	260E	ORG		06/19/1871	1871	10/21/1871	J H MARTZ
WEST	R0396	319	323	345	352	367	368	RES	47	10/26/1914	1914	09/30/1916	W SHAPCOTT
SUBDIVISION	R0013	429	429A	430	462	634	638	ORG		07/05/1872	1872	09/14/1872	J H MARTZ

****

E 32
S- 15
W 32

Book 1

Field Notes
of Survey of Exterior Lines
of Tp. 11. S. Rs 57.58.59.60.61
of Tp's 12.13.14 & 15. S. Ranges
57.58.59.60.61.62. of Tp's
16 & 17. S. Rs 59.60.61
63 & 64. of Tp. 18 & 19. S. Rs
59.60.61.62.63. Tp
S. Rs 59.60.61. of
[illegible] Mer. in [illegible]
by Jacob. H. Martz
Asp. Surveyor
under contract of June 14
Survey begun Feb 2 [illegible]
Completed Sept 17 [illegible]

E. boundary T. 18. S. R. 63. W.

N. between Sec 19 & 24
Va 14°45' E

40.00 Set post in mound with chara
state for 1/4 Sec Cor

80.00 Set post in mound with chara
state for Cor. to Sec 13. 18. 19 & 24
Land rolling 2d rate
Veg. Buffalo & Sand grass

N. between Sec 13 & 18
Va 14°45' E

40.00 Set post in mound with chara
state for 1/4 Sec Cor

80.00 Set post in mound with chara
state for Cor. to Sec 7. 12. 13. 18
Land rolling 2d rate

N. between Sec 7 & 12
Va 14°45' E

40.00 Set post in mound with chara
state for 1/4 Sec Cor

E. boundary T. 18. S. R. 63. W.

80.00 Set post in mound with chara
state for Cor. to Sec 1. 6. 7 & 12
Land rolling 2d rate

N. between Sec 1 & 6
Va 14°45' E

40.00 Set post in mound with chara
state for 1/4 Sec Cor.

80.00 Set post in mound with chara
state for Cor. to Tps. 17 & 18. S.
Rs 62 & 63. W.
Land rolling 2d rate
Veg. Buffalo & Sand grass

From last named Cor
Town
W on a random line
along the N. boundary Tp. 18
S. R. 63. W.
Va 14°45' E
Setting temporary mile and

N. boundary T. 18. S. R. 63 W.

E. between Sec 2 & 35

Va 14° 42' E

40.00 Set post in mound with chain

State for 1/4 Sec Cor

80.00 Set post in mound with chain

State for Cor. to Sec 1, 2 35 & 36

Land rolling 2d rate

E. between Sec 1 & 36

Va 14° 42' E

40.00 Set post in mound with chain

State for 1/4 Sec. Cor

80.00 ~~Set post in mound with chain~~

T. Thos Cor. to Tps 17 & 18. S.

Rs 62 & 63. W

Land 1st & 2d rate

Soil Sandy.

Veg. Buffalo Prairie and

Land grass

July 3 1871

E. boundary Tp. 17. S. R. 63

From Cor to Tps 17 & 18. S.

Rs 62 & 63. W. From

N. on a true line

between Sec 31 & 36

Va. 14° 30' E

40.00 Set post in mound with chain

State for 1/4 Sec Cor

80.00 Set post in mound with chain

State for Cor to Sec 25, 30, 31 & 36

Land rolling 1st rate

N. between Sec 25 & 30

Va 14° 30' E

40.00 Set post in mound with chain

State for 1/4 Sec Cor

80.00 Set post in mound with chain

State for Cor to Sec 19 24 25 & 30

Land rolling 2d rate

Veg. Prairie Buffalo grass

E. boundary of Tp. 17. S. R. 63

N. between Sec 19 & 24
Va 14° 30' E

40.00 Set post in mound with chained state for 1/4 Sec Cor

80.00 Set post in mound with chained state for Cor. to Sec. 13. 18. 19. 24
Land hills 3d rate Sand grass

N. between Sec 13 & 18
Va 14° 30' E

40.00 Set post in mound with chained state for 1/4 Sec Cor

80.00 Set post in mound with chained state for Cor to Sec. 7. 12. 13. 18
Sand hills

N. between Sec 7 & 12
Va 14° 30' E

40.00 Set post in mound with chained state for 1/4 Sec Cor

[illegible]

E. boundary Tp. 17 S. R. 63. W

State for Cor. to Sec 1. 6. 7 & 12
Land hills

N. between Sec 1 & 6
Va. 14° 30' E

40.00 Set post in mound with chained state for 1/4 Sec Cor

80.00 Set post in mound with chained state for Cor. to Tp. 16 & 17 S. R. 62 & 63. W.
Sand hills 3d rate
Veg. Sand grass & Sage
July 4. 1871

From last named Cor. Tom W. on a random line between Tps 16 & 17. R. 63. W
Va. 14° 45 E
setting temporary mile and half mile posts and at 6 Miles not finding any

E. boundary T. 18. S. R. 62 W.

state for Cor to Sec 1. 6. 7. 12
Land hilly Sandy

N. between Sec 1 & 6
Va 14° 45' E

40.00 Set post in mound with
charred state for 1/4 Sec Cor
80.00 Set post in mound with
charred state for Cor. to
Tps. 17. 18. S. R. 61. 62 W.
Land Land hilly 3d rate
Veg Land grass
July 11. 1871

From last named Cor
Town
W. on a random line
along the N. boundary
T. 18. S. R. 62. W.
Va 14° 30' E.
[illegible]

N. boundary T. 18. S. R. 62 W.

and half mile post and at
5 miles 77 chs. 94 lks. inter-
sect W. boundary 18 lks.
South of Cor
therefore my correction will
be 3 lks N. for mile
From this Cor. Town
E. on a true line
between Sec 6 & 31
Va 14° 29' E
17.50 Enter bottom land
37.94 Set post in mound with
charred state for 1/4 Sec Cor
77.94 Set post in mound with
charred state for Cor. to Sec
5. 6. 31. 32
Surface Marshy bottom
Good grass

E. between Sec 5 & 32
Va 14° 29' E

N. boundary T. 18. S. R. 62

10.00 Dry bed of Cr. S. 35° W

40.00 Set post in mound with chained State for 1/4 Lec Cor

46.00 Leave bottom. Entre Sand hill

80.00 Set post in mound with chained State for Cor. to Lec 4.5.32.33

Veg. Grain Punch grass

E. between Lec 4.33

Va 14° 29' E

40.00 Set post in mound with chained State for 1/4 Lec Cor

80.00 Set post in mound with chained State for Cor. to Lec 3.4.33.34

Land Sand hills

Veg Sand grass

N. boundary T. 18. S. R. 62

E. between Lec 3.34

Va 14° 29' E

40.00 Set post in mound with chained State for 1/4 Lec Cor

80.00 Set post in mound with chained State for Cor. to Lec 2.3.34.35

Land Sandy 3d rate

E. between Lec 2.35

Va 14° 29' E

40.00 Set post in mound with chained State for 1/4 Lec Cor

80.00 Set post in mound with chained State for Cor. to Lec 1.2.35.36

E. between Lec 1.36

Va 14° 29' E

40.00 Set post in mound &c for 1/4 Lec Cor

80.00 The Cor. to Tps. 17.18. S. R. 61.62. W

Th. Ch. all 3d rate [illegible]

E. boundary T. 17. S. R. 62. W

From the Cor. to Ts 17 & 18. S.
Rs 61 & 62. W. Form
N. on a true line
between Sec 31 & 36
Va 14° 30' E

40.00 Set post in mound with
charred state for 1/4 Sec Cor
80.00 Set post in mound with charred
state for Cor. to Sec 25. 30. 31 & 36
Land Sand hills 3d rate

N. between Sec 25 & 30
Va 14° 30' E

40.00 Set post in mound with charred
state for 1/4 Sec Cor
80.00 Set post in mound with
charred state for Cor. to Sec
19. 24. 25 & 30
Land Sand hills 3d rate

E. boundary T. 17. S. R. 62. W

N. between Sec 19 & 24
Va 14° 30' E

40.00 Set post in mound with charred
state for 1/4 Sec Cor
80.00 Set post in mound with
charred state for Cor. to Sec
13. 18. 19 & 24
Land Sand hills 3d rate

N. between Sec 13 & 18
Va 14° 30' E

40.00 Set post in mound with
charred state for 1/4 Sec Cor
80.00 Set post in mound with charred
state for Cor. to Sec 7. 12. 13 & 18
Land Sand hills 3d rate

N. between Sec 7 & 12
Va 14° 30' E

40.00 Set post in mound with
charred state for 1/4 Sec Cor

E. boundary T. 17. S. R. 62 W

80.00 Set post in mound with chained state for Cor. to Sec 1. 6. 7 & Land Sand hills 3d rate

N. between Sec 1 & 6
Va 14° 30' E

40.00 Set post in mound with chained state for 1/4 Sec Cor

80.00 Set post in mound with chained state for Cor. to Tps 16 & 17. S. Rs 61. 62. W. Land Sand hills 3d rate Veg Land grass
July 12. 1871

From last named Cor
From
W. on a random line along the N. boundary Tp. 17 S. R. 62. W.
Va 14° 30' E

N. boundary T. 17. S. R. 62. W

Setting temporary mile and half mile posts and at 5 miles 78 chs. 16 lks intersect W. line 32 lks N. of Cor. therefore my correction will be 5 lks 5 for mile.

From this Cor. From
E. on a true line
between Sec 6 & 31
Va 14° 32' E

38.16 Set post in mound with chained State for 1/4 Sec Cor

78.16 Set Sandstone 19 x 16 x 7 for Cor. to Sec 5. 6. 31 & 32 Land Sand hills 3d rate

E. between Sec 5 & 32
Va 14° 32' E

40.00 Set Stone 15 x 14 x 6 for 1/4 Sec Cor

80.00 Set Sandstone 18 x 17 x 8 for Cor. to Sec 4. 5. 32 & 33

N. boundary T. 17 S. R. 62 W.

E. between Sec 4 & 33
Va 14° 32' E

3.00 Creek dry. Course S
40.00 Set Stone 16x14x5 ft f/ Sec Cor
80.00 Set Sandstone 18x17x8 ft for
Cor to Sec 3. 4. 33 & 34
Loma Sand hills 3d rate

E. between Sec 3 & 34
Va 14° 32' E

40.00 Set Sandstone 15x14x6 ft f/ Sec Cor
80.00 Set Sandstone 18x17x7 ft for Cor
to Sec 2. 3. 34 & 35
Land Sandy 3d rate

E. between Sec 2 & 35
Va. 14° 32' E

40.00 Set Sandstone 16x13x6 ft f/ Sec Cor
80.00 Set Sandstone 18x15x7 ft for
Cor. to Sec 1. 2. 35 & 36
Land hilly 3d rate

N. boundary T. 17 S. R. 62 W.

E. between Sec 1 & 36
Va 14° 32' E

40.00 Set Sandstone 16x14x6 ft f/ Sec Cor
80.00 The Cor. to Ts 16 & 17 S,
Rs 61 & 62 W
Land Sand hills 3d rate
Veg. Sand grass

From the Cor to Ts 16 & 17 S.
Rs 61 & 62 W. Some
N. on true line
between Sec 31 & 36
Va. 14° 45' E

40.00 Set post in mound with charred
State for 1/4 Sec Cor
80.00 Set post in mound with
charred State for Cor. to
Sec 25. 30. 31 & 36
Land 3d rate very Sandy
Veg. grass & Sage

We hereby certify that we assisted Jacob A. Mattz deputy Surveyor in surveyor the exterior lines of Tps 11. S. Rs 57. 58. 59. 60 & 61. W Tps 12. 13. 14 & 15. S. Rs 57. 58. 59 60. 61. 62. W. Tps 16 & 17. S. Rs 59. 60. 61 62. 63 & 64. W Tps 18 & 19. S. Rs 59 60. 61. 62. 63 and Tp 20. S. Rs 59. 60. 61. W. of the 6th Prin Mer in Col. Ter and that said Tps. have been in all respects to the best of our knowledge and belief well and faithfully surveyed. and the boundary monuments planted according to the instructions furnished by the Surveyor General.

George Chalton } Chainman
John Laolesa
James Duckett } Commissioner
Co Carl Beckmann } Flagman

260A

Subscribed and sworn to by the above named persons before me this 19th day of Sept. 1871

Orson Brooks Tsl
United States Com

260B

I, Jacob H. Martz, dep. Surveyor do solemnly swear that in pursuance of a contract with Wm H. Lewis Surveyor of the Public lands of the U. S. in the Ter. of Colorado, I have faithfully surveyed the exterior lines of Tps 11. S. Rs 57. 58. 59. 60. 61 of Tps 12. 13. 14 & 15. S. Rs 57. 58. 59. 60. 61. 62 Tps 16 & 17. S. Rs 59. 60. 61. 62. 63 & 64 Tps 18 & 19. S. Rs 59. 60. 61. 62 & 63. & Tp 20. S. Rs 59. 60 & 61. W. of the 6th Prin Mer. in the Ter of Colorado, said contract bearing date June 14, 1871, and said survey being in strict conformity to the laws of the United States, and the instructions of the Surveyor General. and I further solemnly swear that the foregoing are the true & original field notes of such survey

Jacob H. Martz
Depu[illegible] Surveyor

Subscribed by said Jacob H Martz Deputy Surveyor. and sworn to before me this 19th day of Sept 1871

Orson Brooks Seat
United States Cont

Surveyor Generals Office
(Denver C. T. Oct 21. 1871

The foregoing field notes of survey of Tp. lines of Tps. 11. S. Rs 57. 58. 59. 60. & 61 W. of Tps 12. 13. 14. 15. S. Rs 57. 58. 59. 60. 61. & 62. W. of Tps 16 & 17. S. Rs 59. 60. 61. & 62. 63. & 64 W. of Tps 18 & 19. S. Rs 59. 60. 61. 62. & 63. W. of Tps 20. S. Rs 59. 60. & 61 W. of the 6th Prin. Mer. in Colorado Ter. executed by J. H. Martz. dep. Sur. under his contract of June 14. 1871. having been critically examined the necessary corrections & explanations made. the said field notes

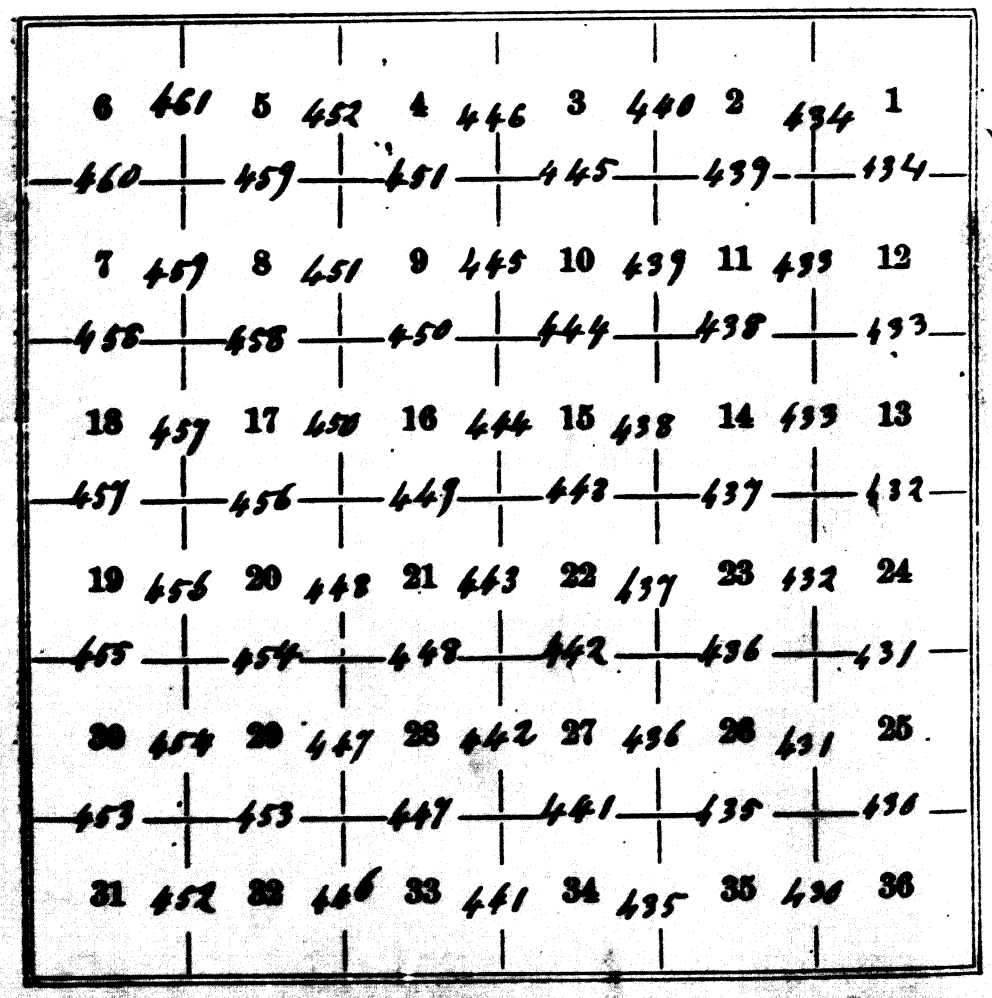
and the surveys they describe are hereby approved

Surveyor General
of Colorado

Field Notes
of Survey of Subdivisional
lines of Tp. 17. S. of R. 62. W
of the 6th Prin. Mer. in
Colorado Ter. by
Jacob H. Mantz
Dep. Sur.
under his contract of July 5. 72
Survey begun Aug 10/72
Completed " 15/72

429-A

Township 17 S. R. 62 W.



6	461	5	452	4	446	3	440	2	434	1
460		459		451		445		439		434
7	459	8	451	9	445	10	439	11	433	12
458		458		450		444		438		433
18	457	17	450	16	444	15	438	14	433	13
457		456		449		443		437		432
19	456	20	448	21	443	22	437	23	432	24
455		454		448		442		436		431
30	454	29	447	28	442	27	436	26	431	25
453		453		447		441		435		430
31	452	32	446	33	441	34	435	35	430	36

T. 17 S. R. 62 W. ~~43~~

Having adjusted my compass according to instructions. I commence on the S. boundary of the Tp. at the Cor to Sec 35 & 36 and run

N. between Sec 35 & 36
Va 14° 30' E

40.00 Set pot in mound for 1/4 Cor
80.00 Set pot in mound for Cor to Sec 25. 26. 35. 36
Surface Sand hills 3rd rate
Veg. Sand grass & Sage

E. on a random line between Sec 25 & 36
Va 14° 30' E

40.00 Set temporary 1/4 Cor
80.14 Intersect E. line of Tp. 10 ch S. of Cor from which Cor I run
S. 89° 56' W

on a true line
40.07 Set post in mound for 1/4 Cor
80.14 The Cor to Sec 25.26.35.36
Land Sand hills 3d rate

N. between Sec 25.26
Va 14° 30' E
40.00 Set Sandstone 18×16×4 for 1/4 Cor
80.00 Set do 19×10×4 for Cor
to Sec 23.24.25.26
Land Sand hills 3d rate

E. on a random line
between Sec 24.25
Va 14° 30' E
40.00 Set temporary 1/4 Cor
80.06 Intersect E. line of Tp. 3 lks S.
of Cor from which Cor Trees
S. 89° 59' W
on a true line
40.03 Set post in mound for 1/4 Cor

80.06 The Cor to Sec 23.24.25.26
Land Sand hills 3d rate

N. between Sec 23.24
Va 14° 30' E
40.00 Set post in mound for 1/4 Cor
80.00 Set post in mound for Cor
to Sec 13.14.23.24
Land Sand hills 3d rate

E. on a random line
between Sec 13.24
Va 14° 30' E
40.08 Set temporary 1/4 Cor
80.16 Intersect E. line of Tp. 7 lks N
of Cor from which Cor Trees
N. 89° 57' E.
on a true line
40.08 Set post in mound for 1/4 Cor
80.16 The Cor to Sec 13.14.23.24
Land Sand hills 3d rate

T. 17. S. R. 62. W.

N. between Sec 13 & 14
Va 14° 30' E

40.00 Set post in mound for 1/4 Cor
80.00 Set Stone 18 x 15 x 4 for Cor
to Sec 11. 12. 13 & 14
Land Sand hills 3d rate

E. on a random line
between Sec 12 & 13
Va 14° 30' E

40.00 Set temporary 1/4 Cor
80.04 Intersect E. line of Tp 13 Chs
S. of Cor. from which Cor. Trees
S. 89° 54' W.
on a true line
40.02 Set post in mound for 1/4 Cor
80.04 The Cor to Sec 11. 12. 13 & 14
Land Sand hills 3d rate

N. between Sec 11 & 12
Va 14° 30' E

T. 17. S. R. 62. W.

40.00 Set post in mound for 1/4 Cor
80.00 Set post in mound for Cor
to Sec 1. 2. 11 & 12
Land Sand hills 3d rate

E. on a random line
between Sec 1 & 12
Va 14° 30' E

40.00 Set temporary 1/4 Cor
80.09 Intersect E. line of Tp. at Cor.
from which Cor. Trees
W. on a true line
40.04 Set post in mound for 1/4 Cor
80.09 The Cor to Sec 1. 2. 11 & 12
Land Sand hills 3d rate

N. on a random line
between Sec 1 & 2
Va 14° 30' E

40.00 Set temporary 1/4 Cor
80.07 Intersect N. line of Tp. 5 Chs W.

T. 17. S. R. 62. W

of Cor. from which Cor. Tree
S. 0° 2' W.
on a true line
40.07 Set post in mound for 1/4 Sec Cor
80.07 The Cor to Sec 1.2.11.12
July 10. 1872
Land Sand hills 3d rate

N. between Sec 34.35
Va 14° 30' E
40.00 Set post in mound for 1/4 Sec Cor
80.00 Set post in mound for Cor
to Sec 26.27.34.35
Land rolling 3d rate
Veg. Prairie grass & Sand grass
Soap weed & Sage.

E. on a random line
between Sec 26 & 35
Va 14° 30' E
40.00 Set temporary 1/4 Cor

T. 17. S. R. 62. W

79.92 Intersect N & S. line 11 Lks S
of Cor. from which Cor. Tree
S. 89° 55' W
on a true line
39.96 Set post in mound for 1/4 Cor
79.92 The Cor to Co. 26.27.34.35
Land Sand hills 3d rate

N. between Sec 26.27
Va 14° 30' E
40.00 Set post in mound for 1/4 Cor
80.00 Set post in mound for Cor
to Sec 22.23.26.27
Land broken 3d rate
Veg. Sand grass & Sage

E. on a random line
between Sec 23.26
Va 14° 30' E
40.00 Set temporary 1/4 Cor
79.96 Intersect N & S. line 7 Lks N.

T. 17 S. R. 62 W.

of Cor. from which Cor. Tree
N. 89° 57' W
on a true line
39.98 Set post in mound for 1/4 Cor.
79.96 The Cor. to Sec 22. 23. 26. 27
Land rolling 3d rate

N. between Sec 22 & 23
Va 14° 30' E
40.00 Set post in mound for 1/4 Sec Cor.
80.00 Set post in mound for Cor. to
Sec 14. 15. 22 & 23
Land rolling 3d rate
Veg. Sand grass & Sage

E. on a random line
between Sec 14 & 23
Va 14° 30' E
40.00 Set temporary 1/4 Cor.
79.92 Intersect N & S. line 10 lks. N
of Cor. from which Cor. Tree

T. 17 S. R. 62 W.

N. 89° 56' W
on a true line
39.96 Set post in mound for 1/4 Cor.
79.92 The Cor. to Sec 14. 15. 22. 23
Land rolling 3d rate
Veg. Sand & Sage grass
Cactus & Soap weed.

N. between Sec 14 & 15
Va 14° 30' E
40.00 Set post in mound for 1/4 Sec Cor.
80.00 Set post in mound for Cor.
to Sec 10. 11. 14 & 15
Land rolling 2d rate

E. on a random line
between Sec 11 & 14
Va 14° 30' E
40.00 Set temporary 1/4 Cor.
79.94 Intersect N & S. line 13 lks. S.
of Cor. from which Cor. Tree

T. 17. S. R. 62. W

S. 89° 54' W

on a true line

39.97 Set post in mound fr. 1/4 Co

79.94 The Co. to Sec 10. 11. 14. 15

Land rolling 2d & 3d rate

Veg. Brain & Sand grass

N. between Sec 10 & 11

Va 14° 30' E

40.00 Set post in mound fr. 1/4 Co

80.00 Set post in mound fr. Co

to Sec 2. 3. 10 & 11

Land rolling 2d & 3d rate

Veg. Brain & Sand grass

E. on a random line

between Sec 2 & 11

Va 14° 30' E

40.00 Set temporary 1/4 Co

79.87 Intersect N & S. line 10 Chs. S.

Co. from which Co. Tree

T. 17. S. R. 62. W

S. 89° 56' W

on a true line

39.93 Set post in mound fr. 1/4 Co

79.87 The Co. to Sec 2. 3. 10 & 11

Land rolling 2d rate

Veg. Brain & Sand grass

N. on a random line

between Sec 2 & 3

Va 14° 30' E

40.00 Set temporary 1/4 Co.

80.27 Intersect N. line of Tp. 7 Chs

W. of Co. from which Co. Tree

S. 0° 3' W

on a true line

40.27 Set post in mound fr. 1/4 Co

80.27 The Co. to Sec 2. 3. 10. 11

Land rolling 3d rate

Veg. Sand grass & Sage

July 11. 1872

T. 17 S. R. 62. W

N. between Sec. 33, 34
Va 14° 30' E

40.00 Set post in mound for 1/4 Cor
80.00 Set post in mound for Cor
to Sec 27.28.33.34
Land rolling 3d rate
Veg. Prairie & Sand grass

E on a random line
between Sec 27.34
Va 14° 30' E

40.00 Set temporary 1/4 Cor
80.14 Intersect N & S. line 7 lks W.
of Cor. from which Cor Trees
N 89° 57' W
on a true line
40.07 Set post in mound for 1/4 Cor
80.14 The Cor to Sec 27.28.33.34
Land rolling 3d rate
Veg. Prairie & Sand grass

T. 17. S. R. 62. W

N. between Sec 27.28
Va 14° 30' E

40.00 Set post in mound for 1/4 Cor
80.00 Set post in mound for Cor
to Sec 21.22.27.28
Land rolling 2d & 3d rate
Veg. Prairie & Sand grass

E. on a random line
between Sec 22 & 27
Va 14° 30' E

40.00 Set temporary 1/4 Cor
80.06 Intersect N & S. line 13 lks S.
of Cor. from which Cor Trees
S. 89° 54' W
on a true line
40.03 Set post in mound for 1/4 Sec Cor
80.06 The Cor to Sec 21.22.27.28
Land rolling 2d rate
Veg. Prairie & Sand grass

T. 17. S. R. 62. W

N. between Sec 21, 22
Va 14° 30' E

40.00 Set post in mound for 1/4 Cor
80.00 Set post in mound for Cor
to Sec 15, 16, 21, 22
Land rolling 3d rate
Veg prairie & Sand grass

E. on a random line
between Sec 15 & 22
Va 14° 30' E

40.00 Set temporary 1/4 Cor
80.09 Intersect N. & S. line at Cor
from which Cor Trees
W. on a true line
40.04 Set post in mound for 1/4 Cor
80.09 The Cor to Sec 15, 16, 21, 22
Land rolling 2d & 3d rate
Veg prairie & Sand grass

T. 17. S. R. 62. W

N. between Sec 15 & 16
Va 14° 30' E

40.00 Set post in mound for 1/4 Cor
80.00 Set post in mound for Cor
to Sec 9, 10, 15 & 16
Land rolling 2d rate
Veg prairie & Sand grass

E. on a random line
between Sec 10 & 15
Va 14° 30' E

40.00 Set temporary 1/4 Cor
80.05 Intersect N. & S. line 7 lks S
of Cor from which Cor Trees
S. 89° 57' W
on a true line
40.02 Set post in mound for 1/4 Cor
80.05 The Cor to Sec 9, 10, 15 & 16
Land rolling 2d rate
Veg prairie & Sand grass

T. 17. S. R. 62. W

N. between Sec 9 & 10
Va 14° 30' E

32.00 Enter bottom land
40.00 Set post in mound for 1/4 Cor
80.00 Set post in mound for Cor
to Sec 3. 4. 9. 10
Land rolling 2d rate
Veg prairie Sand grass

E. on a random line
between Sec 3 & 10
Va 14° 30' E

17.00 Leave bottom land
40.00 Set temporary 1/4 Cor
80.07 Intersect N. S. line 11 Ch. N
of Cor. from which Cor Trees
N. 89° 55' W
on a true line
40.03 Set post in mound for 1/4 Cor
80.07 The Cor to Sec 3. 4. 9 & 10
Land rolling 2d rate Veg. Prairie

T. 17. S. R. 62. W

N. on a random line
between Sec 3 & 4
Va 14° 30' E

40.00 Set temporary 1/4 Cor
70.00 Leave bottom land
80.17 Intersect N. line of Tp 17 Ch
W. of Cor. from which Cor Trees
S. 0° 7' W
on a true line
40.17 Set post in mound for 1/4 Cor
80.17 The Cor to Sec 3. 4. 9. 10
Land rolling 2d rate
Veg prairie Sand grass
July 12. 1872

N. between Sec 32, 33
Va 14° 30' E

40.00 Set post in mound for 1/4 Cor
80.00 Set post in mound for Cor
to Sec 28. 29. 32, 33
Land rolling 3d rate
Veg Sage brush & Soap weed

E. on a random line
between Sec 28 & 33
N. 14° 30' E

40.00 Set temporary 1/4 Cor
79.82 Intersect N. & S. line 5 Chs S
of Cor. from which Cor bears
S. 89° 54' W
on a true line
39.91 Set post in mound for 1/4 Cor
79.82 The Cor to Sec 28. 29. 32 & 33.
Land land hills & rocks

N. between Sec 28 & 29
N. 14° 30' E

20.00 Dry bed of stream, bg S. 60° W
20.50 Leave land hills, enter bottom
40.00 Set post in mound for 1/4 Cor
80.00 Set post in mound for
Cor to Sec 20. 21. 28 & 29
Land level & rocky

E. on a random line
between Sec 21 & 28
N. 14° 30' E

5.17 Dry bed of stream bg S.
12.00 Leave bottom land
40.00 Set temporary 1/4 Cor
79.90 Intersect N. & S. line 3 Chs W
of Cor. from which Cor bears
N. 89° 59' W
on a true line
39.95 Set post in mound for 1/4 Cor
79.90 The Cor to Sec 20. 21. 28. 29
Land land hills & rocks

N. between Sec 20 & 21
N. 14° 30' E

14.00 Dry bed of Creek. bg S. E
17.15 Same " S. W.
24.13 " " E
29.10 " " W
40.00 Set post in mound for 1/4 Cor

249 T. 17. S. R. 62 W

43.77	Same Creek Course S. 60° E
56.00	Same " S. 70° W
59.13	Same " S.E.
80.00	Set post in mound for Cor to Sec 16.17.20.21
	Land level 2d rate
	Veg prairie & Sand grass
	E. on a random line between Sec 16 & 21
	Va 14° 30' E
53.16	Leave bottom land
40.00	Set temporary 1/4 Cor
79.97	Intersect N.S. line at Cor from which Cor Tree
	W. on a true line
39.98	Set post in mound for 1/4 Cor
79.97	The Cor to Sec 16.17.20.21
	Land rolling 2d & 3d rate
	Veg prairie & Sand grass

T. 17. S. R. 62 W

	N. between Sec 16 & 17
	Va 14° 30' E
40.00	Set post in mound for 1/4 Cor
80.00	Set post in mound for Cor to Sec 8.9.16 & 17
	Land level 2d rate
	Veg. prairie grass & Swap mea
	E. on a random line between Sec 9 & 16
	Va 14° 30' E
40.00	Set temporary 1/4 Cor
79.90	Intersect N.S. line 9 lks S of Cor. from which Cor Tree
	S. 89° 56' W
	on a true line
39.95	Set post in mound for 1/4 Cor
79.90	The Cor to Sec 8.9.16.17
	Land rolling 3d rate
	Veg prairie & Sand grass

T. 17. S. R. 62 W

N. between Sec 8 & 9
Va 14° 30' E

40.00 Set post in mound for 1/4 Cor
80.00 Set post in mound for Cor to Sec 4.5.8 & 9
Land rolling 2d rate
Veg. prairie & bunch grass

E. on a random line
between Sec 4 & 9
Va 14° 30' E

40.00 Set temporary 1/4 Cor
79.87 Intersect N. & S. line 10 lks S of Cor. from which Cor Tree
S. 89° 56' W
on a true line
39.93 Set post in mound for 1/4 Cor
79.87 The Cor to Sec 4.5.8 & 9
Land level 1st & 2d rate
Veg prairie & sand grass

T. 17. S. R. 62. W

N. on a random line
between Sec 4 & 5
Va 14° 30' E

33.50 Dry bed of Creek Course S. W.
40.00 Set temporary 1/4 Cor
65.17 Same Creek Course S. 70° E
75.40 Same " S. 73° W
80.07 Intersect N. line of Tp. at Cor from which Cor Tree
S. on a true line
40.07 Set post in mound for 1/4 Cor
80.07 The Cor to Sec 4.5.8 & 9
Land rolling 2d rate
Veg prairie & sand grass
Sage brush & prickly pears
July 13. 1872

N. between Sec 31 & 32
Va 14° 30' E

40.00 Set post in mound for 1/4 Cor
80.00 Set post in mound for Cor

T. 17. S. R. 62. W

to Sec 29. 30. 31. 32
Land level 2d rate
Veg prairie & Sandgrass

E on a random line
between Sec 29. 32
Va 14° 30' E

40.00 Set temporary 1/4 Cor
67.50 Dry bed of Creek Comm S.
75.00 Leave bottom land
80.06 Intersect N & S. line at Cor
from which Cor Town
W. on a true line
40.00 Set post in mound for 1/4 Cor
80.06 The Cor to Sec 29. 30. 31. 32
Land level 1st rate

W. on a random line
between Sec 30 & 31
Va 14° 30' E
[illegible] Entry [illegible]

T. 17. S. R. 62. W

40.00 Set temporary 1/4 Cor
77.90 Intersect W. line of Tr. Bdy
S. of Cor. from which Cor Town
S. 89° 54' E
on a true line
37.90 Set post in mound for 1/4 Sec Cor
77.90 The Cor to Sec 29. 30. 31. 32
Land rolling 3d rate
Veg Sandgrass & Cactus

N. between Sec 29. 30
Va 14° 30' E
40.00 Set post in mound for 1/4 Sec Cor
80.00 Set post in mound for Cor
to Sec 19. 20. 29. 30
Land level 2d rate
Veg. prairie grass Sage &c

E. on a random line
between Sec 20 & 29
Va 14° 30' E

T. 17. S. R. 62. W

40.00	Set temporary 1/4 Cor
79.94	Intersect N & S. line 13 Ch 4 S of Cor. from which Cor Trees
	S. 89° 54' W
	on a true line
39.97	Set post in mound for 1/4 Sec Cor
79.94	The Cor to Sec 19. 20. 29. 30
	Land level 1st & 2d rate
	Veg prairie & Sand grass
	W. on a random line
	between Sec 19. 30
	Va 14° 30' E
24.15	Leave bottom land
40.00	Set temporary 1/4 Cor
77.95	Intersect W. line of Tp. 11 Ch 4 S. of Cor. from which Cor Trees
	S. 89° 55' E
	on a true line
37.95	Set post in mound for 1/4 Cor
77.95	The Cor to Sec 19. 20. 29. 30

T. 17. S. R. 62. W

	Land rolling 2d rate
	Veg. Sand grass & Cactus
	N. between Sec 19. 20
	Va 14° 30' E
35.17	Leave bottom Enter Sand hill
40.00	Set post in mound for 1/4 Cor
80.00	Set post in mound for Cor
	to Sec 17. 18. 19. 20
	Land rolling 2d & 3d rate
	Veg. Prairie & Sand grass
	E. on a random line
	between Sec 17. 20
	Va 14° 30' E
40.00	Set temporary 1/4 Cor
43.17	Enter bottom land
79.00	Dry bed of Cr. Course S. 30° W
79.90	Intersect N & S. line 9 Ch 4 N of Cor. from which Cor Trees
89.96	N. 89° 56' W

T. 17. S. R. 62. W

W. on a random line
between Sec 18 & 19
Va 14° 30' E

40.00 Set temporary 1/4 Cor
78.03 Intersect W. line of Tp. at Cor.
from which Cor Tree
E. on a true line
post & ... for 1/4 Cor
38.03 The Cor to Sec 17.18.19.20
78.03 Land rolling 3d rate
Veg. Sand grass & Cactus
July 14. 1872

N. between Sec 17.18
Va 14° 30' E

40.00 Set post in mound for 1/4 Sec Cor
80.10 Set post in mound for Cor
to Sec 7.8.17.18
Land rolling 3d rate
Veg. prairie & Sand grass
Cactus Soap weed &c

T. 17. S. R. 62. W

E. on a random line
between Sec 8 & 17
Va 14° 30' E

39.70 Enter bottom land, leave hills
40.00 Set temporary 1/4 Cor
59.00 Dry bed of Creek. S. 20° E
79.97 Intersect N & S. line 7 Ch. S. of
Cor from which Cor Tree
S. 89° 57' W
on a true line
39.98 Set post in mound for 1/4 Cor
79.97 The Cor to Sec 7.8.17.18
Land rolling 3d rate

W. on a random line
between Sec 7 & 18
Va 14° 30' E

40.00 Set temporary 1/4 Cor
78.10 Intersect W. line of Tp. 7 Ch.
S. of Cor.
from which Cor Tree

T. 17. S. R. 62. W

S. 89° 57' E

on a true line

38.10 Set post in mound for 1/4 Sec Cor

78.10 The Cor to Sec 7. 8. 17. 18

Land Sand hills

Veg. prairie & Sand grass

N. between Sec 7. 8

Va 14° 30' E

40.00 Set post in mound for 1/4 Cor

80.00 Set post in mound for Cor

to Sec 5. 6. 7. 8

Land rolling 3d rate

Veg. Sand & Prairie grass

E. on a random line

between Sec 5 & 8

Va 14° 30' E

40.00 Set temporary 1/4 Cor

50.17 Enter bottom land

73.50 Day bed of Creek. bg S.

T. 17. S. R. 62. W

80.15 Intersect W. line of Tp. at Cor.

from which Cor Town

W. on a true line

40.15 Set post in mound for 1/4 Cor

80.15 The Cor to Sec 5. 6. 7. 8

Land mostly level 2d rate

Veg. Prairie & Sand grass

W. on a random line

between Sec 6 & 7

Va 14° 30' E

40.00 Set temporary 1/4 Cor

78.09 Intersect W. line of Tp. 17 Ch 5

of Cor from which Cor Town

S. 89° 53' E

on a true line

38.09 Set post in mound for 1/4 Sec Cor

78.09 The Cor to Sec 5. 6. 7. 8

Land Sand hills

Veg. Sand & Prairie grass

T. 17. S. R. 62. W.

N. on a random line
between Sec 5 & 6
Va 14° 30' E
40.00 Set temporary 1/4 Cor
80.23 Intersect N. line of Tp.
14 lks W. of Cor
from which Cor Tree
S. 0° 6' W.
on a true line
40.23 Set post in mound Sec 1/4 Cor
80.23 The Cor to Sec 5. 6. 7. 8
Land rolling 3d rate
Veg. Prairie Sand grass
Snap weed Sage & Cactus
July 15. 1872

T. 17. S. R. 62. W.

General Description

The Eastern portion of
the Tp. is composed
of Sand hills.
A dry creek in the
western portion, affords
some bottom land.
No timber

T. 13 S. R. 58 W.

General Description

The surface of this Tp is rolling.

The grass are excellent quality of Bunch & Prairie grass, rendering the Tp. with the water, excellently adapted to grazing purposes

We hereby certify that we assisted Jacob D. Martz deputy surveyor in surveying the subdivisional lines of Tps 13. 14. 15. 16 & 17 S. R. 62. W of 13. 14. S. R. 61. W. of 13. S. R. 58 W. and 13. S. R. 60. W of the 6th Prin. Mer. in C. T. and that said Tps have been in all respects to the best of our knowledge and belief well and faithfully surveyed and the boundary monuments planted according to the instructions furnished by the Surveyor General

Philip Valdez } Chainman
James Duckett
Juan Jaramilla } Commander
Nicholas Taforfa } Flagman

Subscribed and sworn to by the above named parties before me a Justice of the Peace for the County of Pueblo in the Territory of Colorado this 4th day of Feb 1872.

G W Hepburn (Seal)
Probate Judge & Ex officio J.P.

I Jacob H Mertz deputy Surveyor do solemnly swear that in pursuance of a contract with William H. Lewis surveyor of the public lands of the United States in the Territory of Colorado, bearing date the fifth day of July 1872, and in strict conformity with the laws of the United States and the instructions furnished by the said Surveyor General. I have faithfully surveyed the subdivision boundaries of Tps 13 14. 15. 16. 17 S. R 62 W of 13, 14 S. R. 61. W of 13. S. R 58 & 60. W

and do further solemnly swear that the foregoing are the true original field notes of such survey.

Jacob H Mertz
Deputy Surveyor

Subscribed by the said Jacob H. Martz deputy surveyor and sworn to before me Justice of the Peace for the County of Pueblo in the Territory of Colorado this 4th day of Sept 1872

G W Hepburn (Seal)
Probate Judge & Ex officio J.P.

Surveyor General's Office
Denver. C.T. Sept 14 1872

The foregoing field notes of survey of Sub. lines of Tps. 13. 14. 15. 16. 17 S. R. 62 W & 13, 14 S. R. 61. W & 13. S. Rs 58 & 60. W. executed by Jacob H. Martz Dep. Sur. under his contract of July 5. 1872. having been critically examined the necessary corrections & explanations made. the said field notes & the surveys they describe are hereby approved

[illegible]
Surveyor General
of Colorado

A
FIELD NOTES

OF THE ~~SURVEY OF THE~~

DEPENDENT RESURVEY OF THE SOUTH, EAST AND WEST BOUNDARIES OF

TOWNSHIPS NOS. 16 AND 17 SOUTH, RANGE NO. 63 WEST

Of the 6th Principal *Meridian,*

In the State of Colorado.

EXECUTED BY

W. G. Shapcott, U. S. Surveyor,

In the capacity of U. S. Surveyor, *under instructions dated* October 26, *1914*, *issued by the United States Surveyor General to govern surveys included in Group No.* 47, *which were approved by the Commissioner of the General Land Office,* November 5, *1914*

Survey commenced November 18, *1914*

Survey completed December 17, *1914*

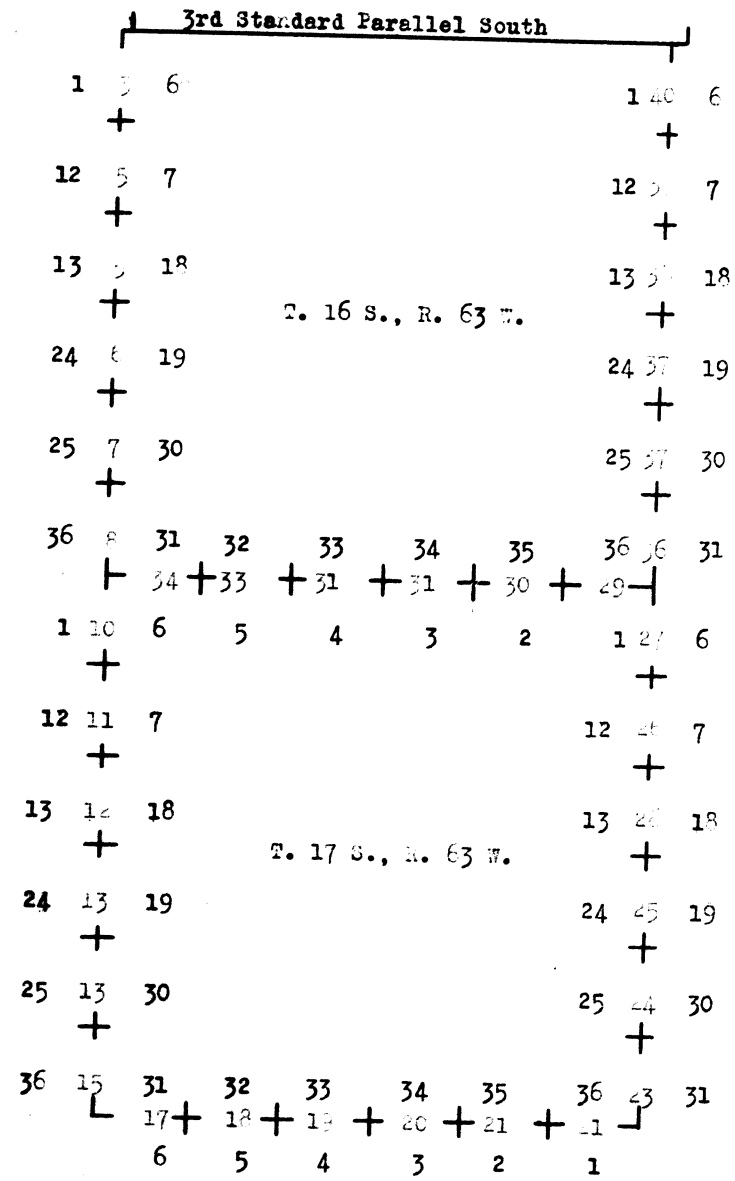
INDEX DIAGRAM.

Township ....., *Range* .....

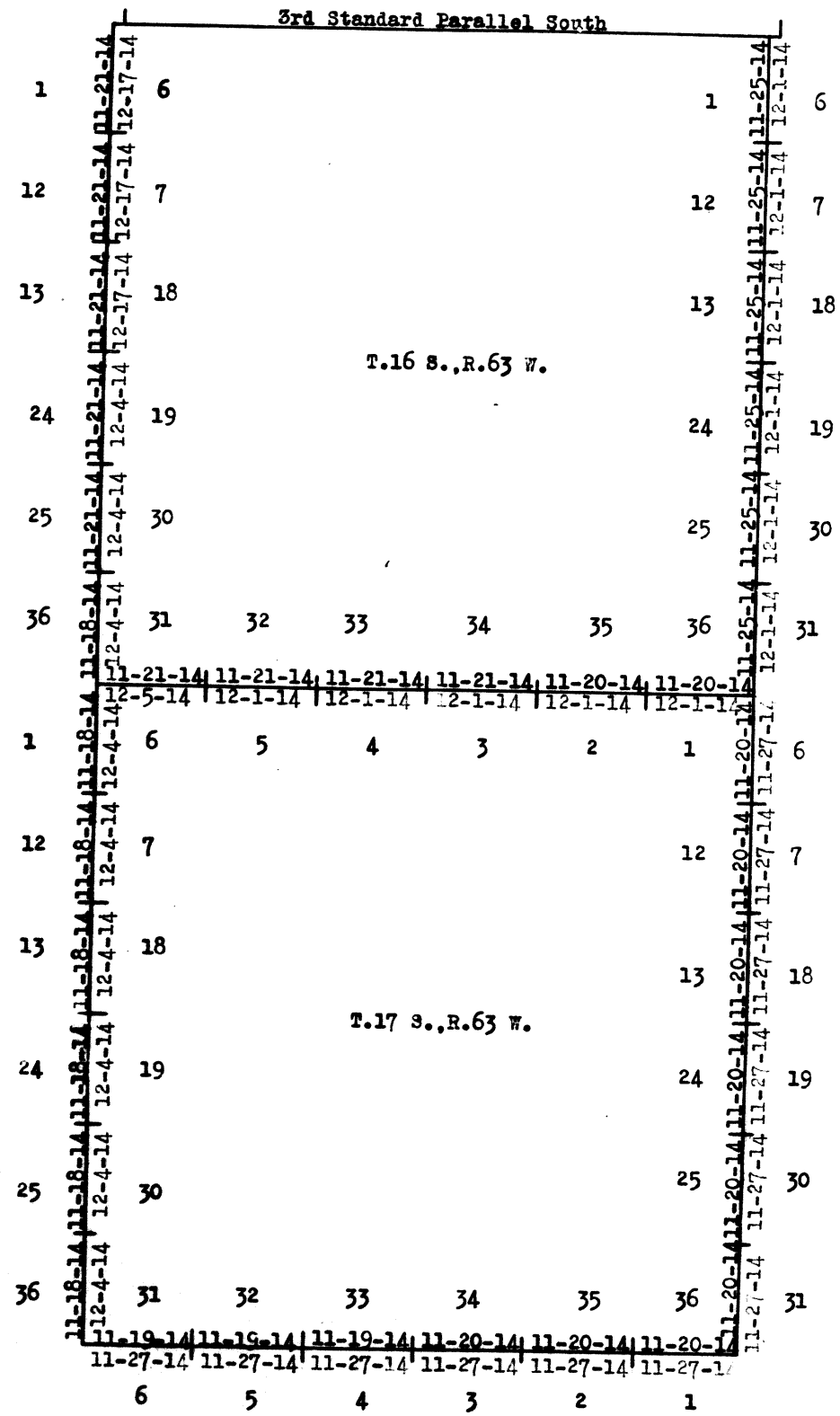
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

INDEX DIAGRAM

EXTERIOR LINES, GROUP 47.



DATE REPORT
OF
EXTERIORS GP.47



Dates of retracement shown in black.
Dates of monumenting shown in red.

24 ins. in the ground for cor. of secs. 3, 4, 33 and 34, with brass cap mkd.

dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist.; raise a mound of earth 4 ft. base 2 ft. high W. of cor.

Land, level grassy prairie.

Soil, sandy rich loam, light color, fine texture, from 3 to 4 ft. deep, on sandy subsoil.

Vegetation, very good growth of numerous wild grasses, well suited for grazing purposes.

Land suitable for dry farming.

N. 89° 34' E. on a true line bet. secs. 3 and 34.

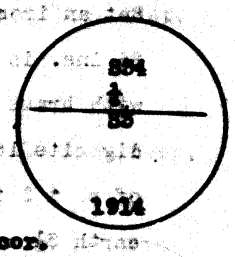
Over very gently rolling grassy prairie land; along fence to N.

26.13 Fence bears N. and S.; continue along fence 1 ch. to N.

40.43 The proportionate point for ¼ sec. cor.

Set an iron post 3 ft. long 1 in. diam.

26 ins. in the ground for ¼ sec. cor. with brass cap mkd.



dig pits 18 x 18 x 12 ins. E. and W. of post, 3 ft. dist.; raise a mound of earth 3½ ft. base 1½ ft. high N. of cor.

55.78 Fence to N. 75 lks. dist.; turn N.

80.87 The proportionate point for cor. of secs. 2, 3, 34 and 35.

Set an iron post 3 ft. long 3 ins. diam.

24 ins. in the ground for cor. of secs. 2, 3, 34 and 35 with brass cap mkd.

dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist.; raise a mound of earth 4 ft. base, 2 ft. high N. of cor.

Land, very gently rolling prairie.

Soil, good rich light sandy loam, 3 to 3½ ft. deep, fine texture on stiff clay subsoil.

Vegetation, very good growth wild grasses.

Land suitable for grazing or dry farming.

N. 89° 34' E. on a true line bet. secs. 2 and 35.

Over very gently rolling grassy prairie land.

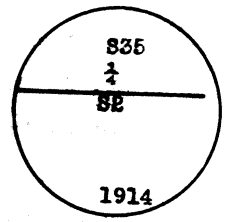
3.40 Junction of roads bearing NE. and SW. and E. and S.60° W. on line. Thence along road just N. of line.

15.90 Fence cor. on line; fences run E. and S.; along fence on line.

40.43 The proportionate point for ¼ sec. cor.

Set an iron post 3 ft. long 1 in. diam.

26 ins. in the ground for ¼ sec. cor. with brass cap mkd.

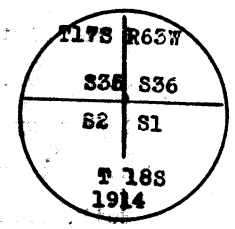


dig pits 18 x 18 x 12 ins. E. and W. of post; 3 ft. dist.; raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.

80.87 The proportionate point for cor. of secs. 1, 2, 35 and 36.

Set an iron post 3 ft. long 3 ins. diam.

24 ins. in the ground for cor. of secs. 1, 2, 35 and 36, with brass cap mkd.



dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist.; raise a mound of earth, 4 ft. base, 2 ft. high W. of cor.

Land, very gently rolling prairie suitable for either grazing or dry farming.

Soil, light good sandy loam, 2 to 3 ft. deep, fine texture on stiff clay subsoil.

Vegetation, good growth buffalo and other wild grasses.

N. 89° 34' E. on a true line bet. secs. 1 and 36.

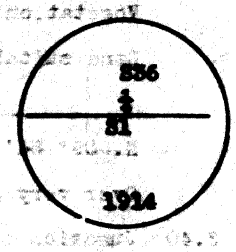
Over very gently rolling grassy prairie land. Along fence on line.

40.43 The proportionate point for ¼ sec. cor.

Set an iron post 3 ft. long 1 in. diam.,

Dependent Resurvey of the S. Bdy. of T. 17 S., R. 63 W.

26 ins. in the ground for ¼ sec. cor. with brass cap mkd.

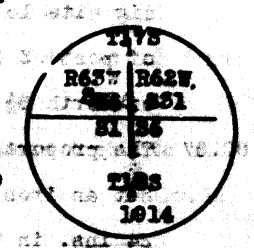


dig pits 18 x 18 x 12 ins., E. and W. of post, 3 ft. dist.; raise a mound of earth 3½ ft. base 1½ ft. high, N. of cor.

80.07 The true position of old cor. of Tps. 17 and 18 S., Rs. 62 and 63 W. which is mkd. by a cedar fence post 8 ins. square, standing 6 ft. above ground, from which, fence runs E., W. and N.

The fence post is identified by claimants as marking the position of the old government cor. of Tps. 17 and 18 S., Rs. 62 and 63 W. At the side of this post

Set an iron post 3 ft. long 3 ins.diam. 24 ins. in the ground for cor. of Tps. 17 and 18 S., Rs. 62 and 63 W., with brass cap mkd.



dig pits 24 x 24 x 12 ins. on each line N., E. and W., 4 ft. and S. of post, 8 ft. dist.; raise a mound of earth 5 ft. base, 2½ ft. high S. of cor.

land very gently rolling prairie suitable for either grazing or dry farming.

Soil. light good sandy loam, 2 to 3 ft. deep, fine texture on stiff clay subsoil.

Vegetation.good growth buffalo and other wild grasses.

Survey completed Nov. 27, 1914.

Note: For dates of survey, see Date Report, Page 1A.

RECEIVED S.G.O.
APR 16-1915
Denver, Colo.

Chains Dependent Resurvey of the E. Bdy. of T. 17 S., R. 63 W.

Survey commenced Nov. 20, 1914.

For description and test of instruments see W. bdy. of T. 16 S., R. 63 W.

From the reestablished cor. of Tps. 17 and 18 S., Rs. 62 and 63 W.

I run
North, retracing the line bet. secs. 31 and 36, 25 and 30, 19 and 24, 13 and 18, 7 and 12 and 1 and 6.
Find no trace of old cors., set temp. cors. at intervals of 40 chs.
480.00 Find no trace of old cor. of Tps. 16 and 17 S., Rs. 62 and 63 W.; set temp. cor.

I continue
North, retracing the line bet. secs. 31 and 36, 25 and 30 and 19 and 24 on E. bdy. T. 16 S., R. 63 W.
Find no trace of old cors., set temp. cors. at intervals of 40 chs.
241.08 Fall 26 lks. W. of old cor. of secs. 13, 18, 19 and 24.

Note: The temp. cor. of Tps. 16 and 17 S., Rs. 62 and 63 W. was adjusted to proportionate position on meridional line.

From old ¼ sec. cor. of secs. 4 and 33, Tps. 16 and 17 S. R. 62 W.
I run
West, retracing the line bet. secs. 4 and 33, 5 and 32, and 6 and 31 on S. bdy. T. 16 S., R. 62 W.
Find no trace of old cors.
196.51 Fall 70 lks. N. of adjusted temp. cor. of Tps. 16 and 17 S., Rs. 62 and 63 W.

I continue
West, retracing the line bet. secs. 1 and 36 and 2 and 35 on S. bdy. T. 16 S., R. 63 W.
Find no trace of old cors., set temp. cors. at intervals of 40 chs.
162.49 Fall 1.48 chs. N. of old cor. of secs. 2, 3, 34 and 35.

From the reestablished cor. of Tps. 17 and 18 S., Rs. 62 and 63 W., previously described. Lat. 38° 31'.5 N. Long. 104° 23'.5 W. Mag. decl. 13° 10' E.

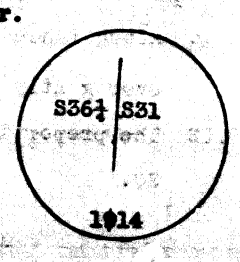
I run

N. 0° 15' W. on a true line bet. secs. 31 and 36.

Over gently rolling grassy prairie; along fence just E. of line.

40.06 The proportionate point for ¼ sec. cor.

Set an iron post 3 ft.long 1 in.diam. 26 ins. in the ground for ¼ sec. cor. with brass cap mkd.



dig pits 18 x 18 x 12 ins. N. and S. of post, 3 ft.dist.;raise a mound

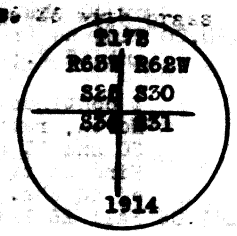
of earth 5½ ft. base, 1½ ft. high W. of cor.

Along fence 40 lks. dist.

62.50 Partition fence turns E.; continue along fence 10 lks. to E.

80.12 The proportionate point for cor. of secs. 25, 30, 31 and 36.

Set an iron post 3 ft. long 3 ins. diam. 24 ins. in the ground for cor. of secs. 25, 30, 31 and 36 with brass cap mkd. dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist.; raise a mound of earth 4 ft. base 2 ft. high W. of cor.



Land, very gently rolling prairie.

Soil, light fine sandy loam, fairly rich, from 6 to 10 ins. deep, on hard sand subsoil.

Vegetation, good growth buffalo and bunch grass.

Land suitable for either irrigation or dry farming.

N. 0° 15' W. on a true line bet. secs. 25 and 30.

Over gently rolling grassy prairie. Along fence to E.

1.30 Road bears E. and W.

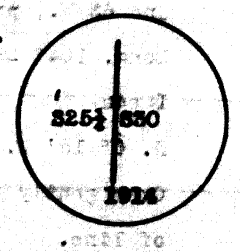
2.68 Fence bears E. and W.; continue along fence 30 lks. to E.

4.68 Telephone line bears N. 62° E. and S. 62° W.

5.30 Road bears N. 60° E. and W.

40.06 The proportionate point for ¼ sec. cor.

Set an iron post 3 ft. long 1 in. diam. 26 ins. in the ground for ¼ sec. cor. with brass cap mkd. dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist.; raise a mound of earth 5½ ft. base, 1½ ft. high W. of cor.

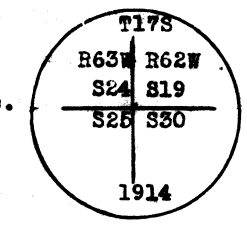


Along fence to E., 5 lks. dist. Leave prairie.

Over gently rolling sandhills.

80.12 The proportionate point for cor. of secs. 19, 24, 25 and 30.

Set an iron post 3 ft. long 3 ins. diam. 24 ins. in the ground for cor. of secs. 19, 24, 25 and 30, with brass cap mkd. dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist.; raise a mound of earth 4 ft. base 2 ft. high W. of cor.



Land gently rolling prairie and gently rolling sandhills.

Soil, fine sand on hard sand subsoil.

Vegetation, thick growth bunch and sand grasses.

Land well suited for grazing.

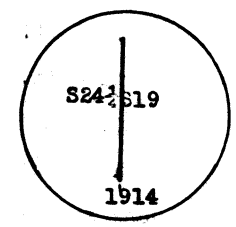
N. 0° 15' W. on a true line bet. secs. 19 and 24.

Over gently rolling sand hills. Along fence to E.

39.00 Top of small sandhill about 50 ft. above sec. cor., bears E. and W.

40.06 The proportionate point for ¼ sec. cor.

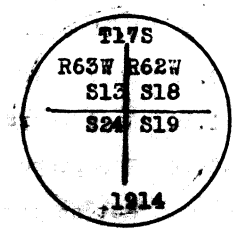
Set an iron post 3 ft. long 1 in. diam. 26 ins. in the ground for ¼ sec. cor. with brass cap mkd. dig pits 18 x 18 x 12 ins. N. and S. of post 3 ft. dist.; raise a mound of earth 5½ ft. base, 1½ ft. high W. of cor.



Continue over gently rolling sand hills.

80.12 The proportionate point for cor. of secs. 13, 18, 19 and 24

Set an iron post 3 ft. long 3 ins. diam. 24 ins. in the ground for cor. of secs. 13, 18, 19 and 24 with brass cap mkd. dig pits 18 x 18 x 12 ins. in each sec. 5½ ft. dist.; raise a mound of earth 4 ft. base 2 ft. high W. of cor.



Land, gently rolling sand hills.

Soil, light fine sand.

Vegetation, coarse sand grass in bunches with a considerable quantity of other wild grasses.

Land only suited for grazing.

N. 0° 15' W. on a true line bet. secs. 13 and 18.

Over gently rolling sandhills. Along fence to N.

40.06 The proportionate point for ¼ sec. cor.

Set an iron post 3 ft.long 1 in. diam.

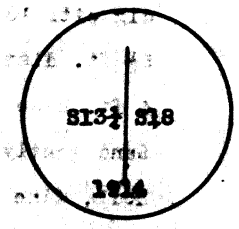
26 ins. in the ground for ¼ sec. cor.

with brass cap mkd.

dig pits 18 x 18 x 12 ins. N. and S.

of post 3 ft. dist.; raise a mound

of earth 3½ ft. base 1½ ft. high W. of cor.



Along fence to E., about 4.75 chs. dist.

80.12 The proportionate point for cor. of secs. 7, 12, 13 and 18.

Set an iron post 3 ft.long 3 ins.diam.

24 ins.in the ground for cor. of secs.

7, 12, 13 and 18, with brass cap mkd.

dig pits 18 x 18 x 12 ins. in each

sec. 5½ ft. dist.; raise a mound of

earth 4 ft. base 2 ft. high W.of cor.

Land, gently rolling sand hills.

Soil, light fine sand, from 8 to 10 ins. deep on hard sand subsoil.

Vegetation, good growth bunch and sand grasses affording excellent grazing.

N. 0° 15' W. on a true line bet. secs. 7 and 12.

Over gently rolling sand hills. Along fence to E., about 1.95 chs. dist.

0.85 Fence bears E. and W.; fence cor. to E., 2 chs. dist.

1.10 Road bears E. and W.

40.06 The proportionate point for ¼ sec. cor.

Set an iron post 3 ft.long 1 in. diam.

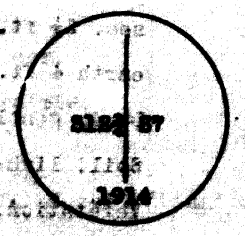
26 ins. in the ground for ¼ sec. cor.

with brass cap mkd.

dig pits 18 x 18 x 12 ins. N. and S. of

post 3 ft. dist.; raise a mound of earth

3½ ft. base, 1½ ft. high N. of cor.



80.12 The proportionate point for cor. of secs. 1, 6, 7 and 12.

Set an iron post 3 ft.long 3 ins.diam.

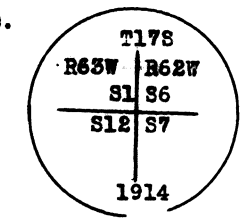
24 ins. in the ground for cor.of secs.

1, 6, 7 and 12, with brass cap mkd.

dig pits 18 x 18 x 12 ins. in each

sec. 5½ ft. dist.;raise a mound of

earth 4 ft.base, 2 ft. high W.of cor.



Land, gently rolling sand hills.

Soil, light fine sand.

Vegetation, bunch and sand grasses in abundant growth.

Land suitable for grazing.

N. 0° 15' W. on a true line bet. secs. 1 and 6.

Over gently rolling sand hills.

40.06 The proportionate point for ¼ sec. cor.

Set an iron post 3 ft.long 1 in. diam.

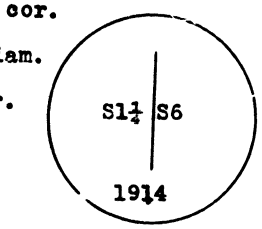
26 ins. in the ground for ¼ sec.cor.

with brass cap mkd.

dig pits 18 x 18 x 12 ins. N.and S.

of post 3 ft. dist.;raise a mound of

earth 3½ ft.base 1½ ft. high W.of cor.



57.40 Dim road bears E. and W.

80.12 The proportionate point for cor. of Tps. 16 and 17 S., Rs. 62 and 63 W.

Set an iron post 3 ft.long 3 ins. diam.

24 ins. in the ground for cor.of Tps.

16 and 17 S.,Rs. 62 and 63 W. with

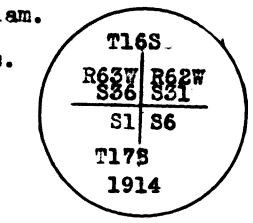
brass cap mkd.

dig pits 24 x 24 x 12 ins. on each

line N., E. and W., 4 ft. and S.

of post, 8 ft. dist.; raise a mound of earth 5 ft. base,

2½ ft. high S. of cor.



The old ¼ sec. cor. of secs. 4 and 33, Tps. 16 and 17 S., R. 62 W. which is a sandstone 10 x 7 x 1 ins., lying on the ground and mkd. ¼ on one face bears N.89° 48' E. 198.62 chs. dist. I set this stone firmly in the ground.

Land, gently rolling sand hills.

Soil, light fine sand.

Vegetation, good growth of sand, bunch and other wild grasses.

Land only suitable for grazing

Survey completed Nov. 27, 1914.

Note: For dates of survey, see Date Report, Page 1A.

RECEIVED S.G.O.
APR 16-1915
Denver, Colo.

Survey commenced Nov. 20, 1914.

For description and test of instruments, see W. Bdy. of T. 16 S., R. 63 W.

For retracement of the line bet. secs. 1 and 36, and 2 and 35, see E. bdy. T. 17 S., R. 63 W.

From old cor. of secs. 2, 3, 34 and 35,
I run
West retracing the line bet. secs. 3 and 34.
40.00 Find no trace of old ¼ sec. cor., set temp. cor.
80.14 Fall 1.31 chs. N. of old cor. of secs. 3, 4, 33 and 34.

Thence I run
West, retracing the line bet. secs. 4 and 33.
40.37 Fall 63 lks. N. of old ¼ sec. cor.
80.55 Fall 63 lks. N. of old cor. of secs. 4, 5, 32 and 33.

Thence I run
West, retracing the line bet. secs. 5 and 32.
40.00 Find no trace of old ¼ sec. cor., set temp. cor.
80.64 Fall 1.74 chs. N. of old cor. of secs. 5, 6, 31 and 32.

For retracement of line bet. secs. 6 and 31, see W. bdy. T. 16 S., R. 63 W.

From the reestablished cor. of Tps. 16 and 17 S., Rs. 62 and 63 W., previously described,

I run

S. 89° 43' W. on a true line bet. secs. 1 and 36.

Over gently rolling sand hills covered with wild grasses.

40.09 The proportionate point for ¼ sec. cor.

Set an iron post 3 ft. long 1 in. diam.

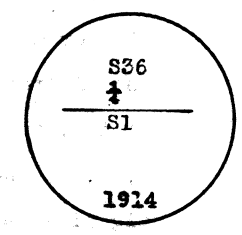
26 ins. in the ground for ¼ sec. cor.

with brass cap mkd.

dig pits 18 x 18 x 12 ins. E. and W.

of post 3 ft. dist.; raise a mound of

earth 3½ ft. base 1½ ft. high N. of cor.



80.19 The proportionate point for cor. of secs. 1, 2, 35 and 36

Set an iron post 3 ft. long 3 ins. diam.

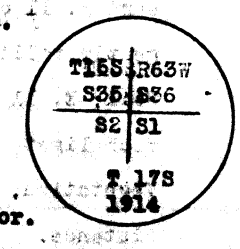
24 ins. in the ground for cor. of secs.

1, 2, 35 and 36 with brass cap mkd.

dig pits 18 x 18 x 12 ins. in each

sec., 5½ ft. dist., raise a mound

of earth 4 ft. base 2 ft. high W. of cor.



Land, gently rolling sand hills.

Dependent Resurvey of E. Bdy. of T. 16 S., R. 63 W.

Table of Latitudes and Departures, T. 16 S., R. 63 W.

Line Designated	True Bearing	Dist.	Latitudes N.	Latitudes S.	Departures E.	Departures W.
West Bdy.						
W.bdy.Sec. 31	N. 0°03'E.	79.88	79.88		0.07	
W.bdy.Sec. 30	N. 0°49'E.	79.81	79.80		1.14	
W.bdy.Sec. 19	N. 0°49'E.	79.81	79.80		1.14	
W.bdy.Sec. 18	N. 1°17'E.	79.93	79.91		1.79	
W.bdy Sec. 7	N. 1°17'E.	79.93	79.91		1.79	
W.bdy. Sec. 6	N. 1°17'E.	79.91	79.89		1.79	
North bdy (3rd St.Par.S.)						
S.bdy.Sec. 36	East	0.90			0.90	
S.bdy.Sec. 31	N.89°51'E.	80.22	0.20		80.22	
S.bdy.Sec. 32	N.89°51'E	80.22	0.20		80.22	
S.bdy.Sec. 33	N.89°51'E.	80.22	0.20		80.22	
S.bdy.Sec. 34	N.89°51'E.	80.22	0.20		80.22	
W¼ S.bdy.Sec.35	N.89°52'E	39.73	0.09		39.73	
E½ S.bdy.Sec.35	N.89°56'E.	39.35	0.08		39.35	
E.bdy.Sec. 36	N.89°56'E.	77.12	0.09		77.12	
East Bdy.						
E½ E.bdy.Sec. 1	S. 0°52'E	36.38		36.38	0.55	
S½ E.bdy.Sec. 1	S. 0°05'E.	39.67		39.67	0.06	
E.bdy.Sec.12	S. 0°05'E.	79.34		79.34	0.12	
E.bdy.Sec.13	S. 0°14'W.	79.50		79.50		0.32
E.bdy.Sec.24	S. 0°34'W.	80.12		80.12		0.79
E.bdy.Sec.25	S. 0°34'W.	80.12		80.12		0.79
E.bdy.Sec.36	S. 0°34'W.	80.12		80.12		0.79
South bdy.						
S.bdy.Sec.36	S.89°43'W.	80.19		0.40		80.19
S.bdy.Sec.35	S.89°43'W.	80.19		0.40		80.19
S.bdy.Sec.34	S.89°04'W.	80.15		1.31		80.14
S.bdy.Sec.33	S.89°04'W.	40.37		0.63		40.37
S.bdy.Sec.33	West	40.18				40.18
S.bdy.Sec.32	S.88°46'W.	80.64		1.74		80.64
S.bdy.Sec.31	S.89°21'W	82.93		0.96		82.93
Convergency					0.58	
Totals			480.22	480.67	482.61	487.32
				480.22	487.32	
			Error in Lat.	0.45	0.29	Error in Dep.

General Description.

For general description of this Tp., see Book C.

U. S. Surveyor.

4-880

CERTIFICATE OF ASSISTANTS.

We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability, W.G.Shapcott, U. S. Surveyor, during the periods and in the capacities stated opposite our several signatures, in re surveying all those parts or portions of the Boundaries of T. 16 S., R. 63 W. and T. 17 S., R. 63 W.

of the 6th Principal Meridian, in the State of Colorado, which are represented in the foregoing field notes as having been executed 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 executed.

NAME.	PERIOD OF SERVICE. Begun.	Ended.	CAPACITY.
[illegible]	Nov. 17, 1914.	Dec. 19, 1914.	H. Chainman.
C. G. Kane	Nov. 17, 1914.	Dec. 18, 1914	R. Chainman.
Harry L. Wilson	Nov. 17, 1914.	Dec. 19, 1914	Flagman.
E. A. Plyley	Nov. 17, 1914	Dec. 18, 1914.	Cornerman.

Subscribed and certified to before me on the dates of the final service as shown above.

U. S. Surveyor.

FINAL OATH OF UNITED STATES SURVEYOR.

I, W.G. Shapcott, U. S. Surveyor, do solemnly swear that, in pursuance of special instructions received from the U. S. Surveyor General for Colorado bearing date of the 26th day of October, 1914, I have well, faithfully, and truly, in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, re-surveyed all those parts or portions of the boundaries of T.16 S., R.63 W. and T.17 S., R.63 W.

of the 6th Principal Meridian, in the State of Colorado, which are represented in the foregoing field notes as having been executed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Colorado and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

W G Shapcott
U. S. Surveyor.

Subscribed by said W.G. Shapcott, and sworn to before me this 17th day of December, 1915

John B McGauran
U.S. Surveyor General for Colorado.

[SEAL]

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Denver, Colo., Sept. 30, 1916

The foregoing field notes of the ~~original~~ Dependent Resurvey of the South, East and West Boundaries of Tps. 16 and 17 South, Range 63 West of the 6th Principal Meridian, Colorado

executed by W.G. Shapcott, U.S. Surveyor under his special instructions dated October 26th, 1914, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

John B. McGauran
U. S. Surveyor General.

~~I certify that the foregoing transcript of the field notes of the above described survey in~~ ~~, has been correctly copied from the original notes on file in this office.~~

~~U. S. Surveyor General.~~