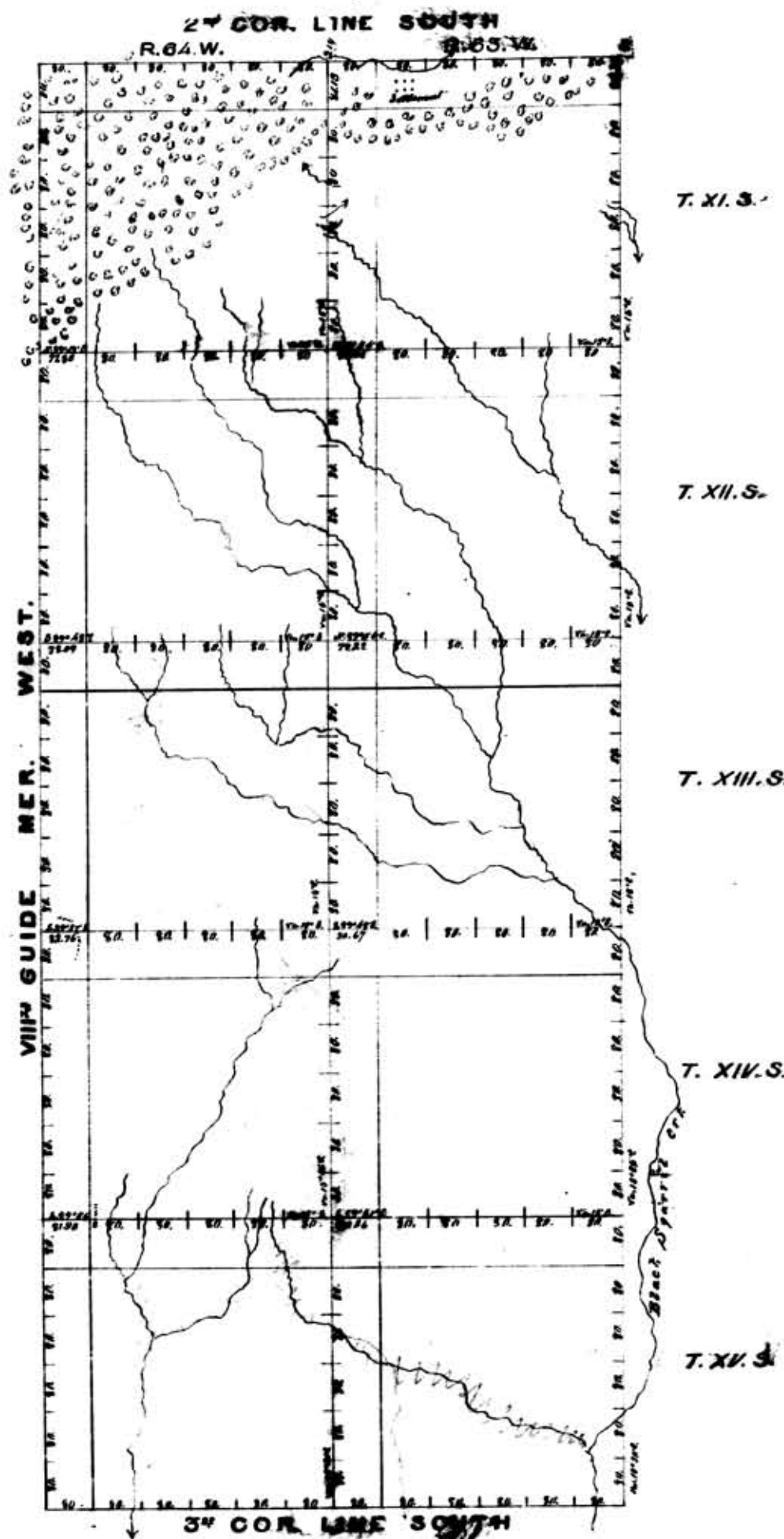


BOOK 6

108. W. 15 Chas 36. 2. 1.



I do hereby certify that the above diagram of the exterior lines of
 townships 12, 13, 14 & 15 South, Ranges 63 & 64 West of the sixth Prin:
 meridian in Colorado as surveyed by Cecil A. Deane under his con.
 dated June 10th 1867 is strictly conformable to the field notes of
 survey thereof on file in this Office, which have been examined

Surveyor General's Office
 Denver July 10th 1867

[Signature]
 Sur^r Gen^l

3rd. CORRECTION LINE SOUTH. RANGE 64 WEST OF THE 6th. PRINCIPAL MERIDIAN

31	32	33	34	35	36
----	----	----	----	----	----

3rd. CORRECTION LINE SOUTH. RANGE 63 WEST OF THE 6th. PRINCIPAL MERIDIAN

31	32	33	34	35	36
----	----	----	----	----	----

3rd. CORRECTION LINE SOUTH. RANGE 62 WEST OF THE 6th. PRINCIPAL MERIDIAN

31	32	33	34	35	36
----	----	----	----	----	----

3rd. CORRECTION LINE SOUTH. RANGE 61 WEST OF THE 6th. PRINCIPAL MERIDIAN

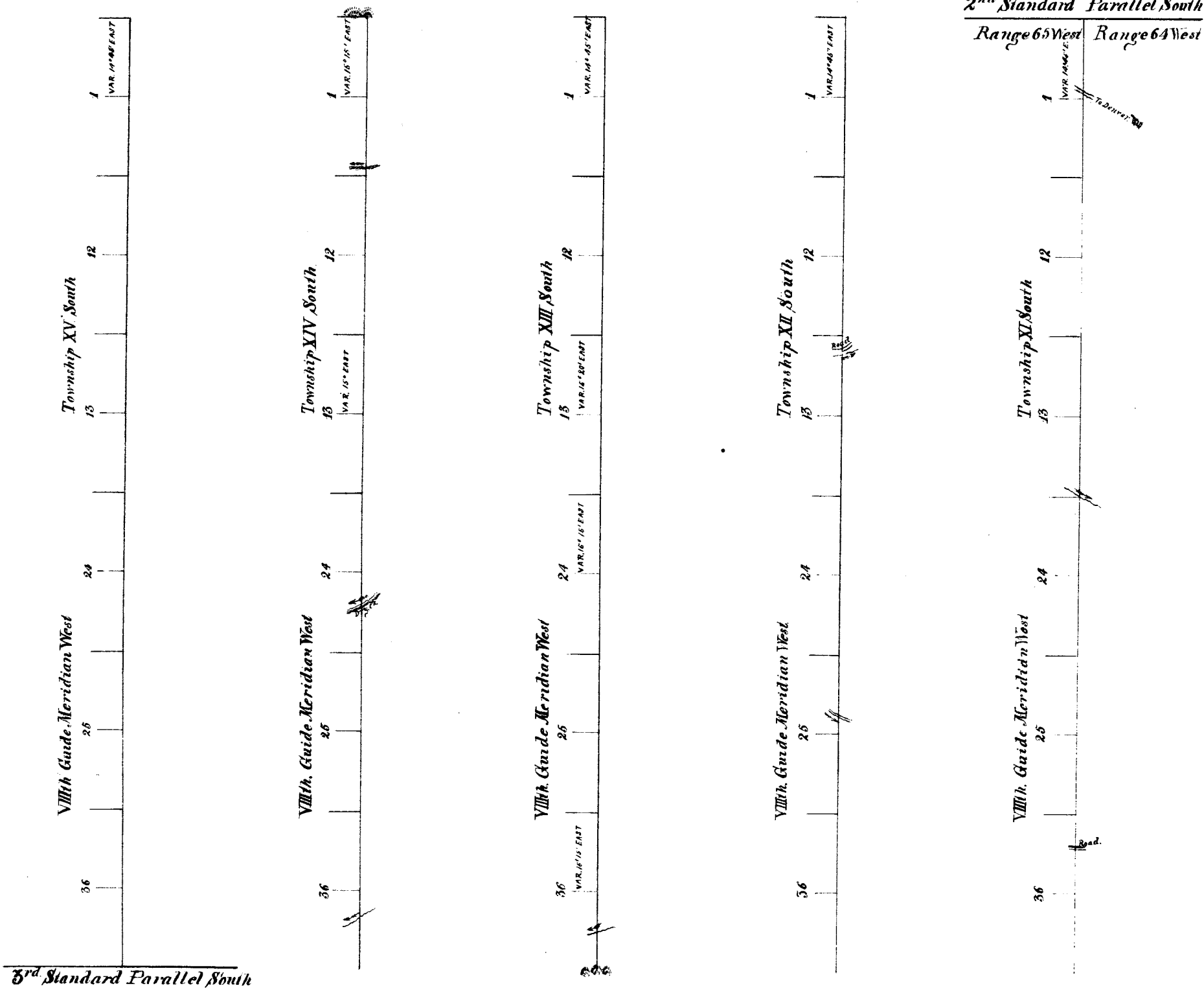
31	32	33	34	35	36
----	----	----	----	----	----

I do hereby certify that the above diagram of the 3rd Correction Line South, Ranges 61, 62, 63 & 64 west of the 6th Principal Meridian, in Colorado, as surveyed by Cecil A. Deane, under his contract dated June 10th 1867, is strictly conformable to the field notes of the survey then on file in this Office, which have been examined and approved.

Surveyor General's Office

Denver July 10th 1867

[Signature]



BOOK 1

I hereby Certify that the above Diagram of the 8th Guide Meridian West of the 6th Principal Meridian Between the 2nd and 3rd Standard Parallel South as Surveyed by Joel E. Hendricks under his Contract dated August 12th 1861 is in strict conformity to the Original approved field notes on file in this Office

Surveyor Generals Office
Denver City. Oct 3rd 1861

Francis A. Leasure
Sur. Genl. of Colorado T^y.

971
N316

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

PAGE 1

COLORADO

RECTANGULAR SURVEY INDEX

PRINTED: 06/16/82

BOUNDARY	TOWNSHIP VOLUME	15 INTRODUCTION	SOUTH TO	RANGE 64 SURVEY	WEST CERTIFICATE	TYPE CONTRACT	ISSUED OR	-SIXTH PRIN MER SURVEY	YEAR	APPROVED	SURVEYOR OR REMARKS	
		FROM	TO	FROM	TO	FROM	TO	OR GROUP	APPROVED	YEAR	APPROVED	SURVEYOR OR REMARKS
NORTH	R*A	1	1	3A	9	93	99	ORG	06/10/1867	1867	07/10/1867	C A DEANE
NORTH	RC	1	2	68	68	146	150	ORG 1	08/12/1861	1861	10/01/1861	J E HENDRICKS
SOUTH	R*C	232	232B	233	236			ORG		1867		C H DEAN
SOUTH	R0008	1	1	24	24	260	260E	ORG	06/14/1871	1871	10/21/1871	J H MARTZ
SOUTH	R0003	291	292	298	298	463	467	RES	06/14/1871	1871	12/23/1871	W A CHRISTIAN
SOUTH	R0003	291	292	304	304	463	467	RES	06/14/1871	1871	12/23/1871	W A CHRISTIAN
SOUTH	R0003	291	292	309	309	463	467	RES	06/14/1871	1871	12/23/1871	W A CHRISTIAN
SOUTH	R0003	291	292	315	315	463	467	RES	06/14/1871	1871	12/23/1871	W A CHRISTIAN
SOUTH	R0003	291	292	322	322	463	467	RES	06/14/1871	1871	12/23/1871	W A CHRISTIAN
SOUTH	R0396	301	303	311	312	315	316	RES 47	10/26/1914	1914	09/30/1916	W SHAPCOTT
SOUTH	R0396	319	323	327	328	367	368	RES 47	10/26/1914	1914	09/30/1916	W SHAPCOTT
SOUTH	RC	1	2	71	72	146	150	ORG 1	08/12/1861	1861	10/01/1861	J E HENDRICKS
EAST	R*A	1	1	1A	4	93	99	ORG	06/10/1867	1867	07/10/1867	C A DEANE
EAST	R*C	232	232B	235	236			ORG		1867		C H DEAN
EAST	R0396	301	303	311	312	315	316	RES 47	10/26/1914	1914	09/30/1916	W SHAPCOTT
WEST	R*A	1	1A	4	5	93	99	RES	06/10/1867	1867	07/10/1867	C H DEANE
WEST	R*C	232	232B	233	233			ORG		1867		C H DEAN
WEST	RC	1	2	68	72	146	150	ORG 1	08/12/1861	1861	10/01/1861	J E HENDRICKS
SUBDIVISION	R0003	1	2	3	35	463	467	ORG	06/14/1871	1871	12/23/1871	W A CHRISTIAN

* SIGNIFIES LOWER CASE LETTER FOR VOLUME

Contract No. 1. of Aug 12, 1861

with Joel E. Hendricks p. 176 150

Contract No. 2 of Sept 3, 1861

with John Pierce p. 153 to 193

Contract No. 3. of Sept 4, 1861

with John Pierce p. 197 to 239

Contract No. 6 of May 31, 1862

with John & Mary H. Pierce p. 253 to 282

Part of Contract No. 6. was Extra
or lines for which see Vol. II.

For Index

See back end of Volume

Field Notes

of the survey of the **EIGHTH GUIDE
MERIDIAN** west of the Sixth Principi-
pal Meridian, from the Base Line sur-
veyed on the Fortieth Parallel of North-
Latitude, **SOUTH** Ninety Miles, to the
Third Standard Parallel, in the Ter-
ritory of Colorado by Joel E. Hendricks
Deputy Surveyor under his Contract No. 1
bearing date August 12, 1861

Names and duties of Survey Party

Joel E. Newelicks } Surveyor
 Wm H. Ashley }
 Hobbey Sawtelle }
 Dyer Matthews } Chemist
 Edmund Field }
 George Newelicks } F. Carpenter
 Sylvester Lawrence } Carpenter
 P. McLeaves } Remanence &
 Geo. W.

+ 8th Guide Mer. (South) 3

I Commenced at the intersection
 of the 8th Guide Meridian with the
 Base Line being the S. W. corner of
 Section 34 in Township number 1
 North of Range number 64 West.
 Found mound and trench at corner
 as described in the field notes of the
 same furnished me by the Survey
 or General. The posts at said cor-
 ner have been removed.

By an observation at noon with
 Burt's Solar Compass I find the
 Latitude of the initial point to be
 40 degrees and the variation of
 the needle to be 18 degrees East.

I run South on a true meridian
 and drove a charred stake for quarter
 Sec. corner. site was first properly
 marked and raised a mound as
 per instructions.

ran stake post for corner of 1. 6. 7 & 12

Townships 14 and 15. South.

Drove a charred stake and raised a mound as per instructions.

Surface. An inclined plain, inclined to the North.

Vegetation. Buffalo grass.

Land. Third rate.

40.00

South on a true meridian.
Set a post for quarter Section corner. Drove a charred stake and raised a mound as per instructions.

53.30 Dry creek coming from North East.

40.00 Set a post for corner to Sections

31 and 36. in Township No. 14. South, and Sections 1. and 6. in Township No. 15. South. Drove a charred stake and raised a mound as per instructions.

Surface. Rolling.

Vegetation. Buffalo grass.

Land. Third rate.

Township 15. South.

South on a true meridian.
Variation $14^{\circ}45'$

40.00

Set a post for quarter Section corner. Drove a charred stake and raised a mound as per instructions.

80.00

Set a post for corner to Sections 1, 6, 7, and 12. in Township No. 15. South.

Drove a charred stake and raised a mound as per instructions.

Surface. Rolling.

Vegetation. Buffalo grass.

Land. Third rate.

South on a true meridian.
Variation $14^{\circ}43'$

40.00

Set a post for quarter Section corner. Drove a charred stake and raised a mound as per instructions.

80.00

Set a post for corner to Sections 7, 12, 13, and 18. in Township No. 15.

South. Drove a charred stake and raised a mound as per instructions.

Township 15. South.

Surface. Rolling.
Vegetation. Buffalo grass.
Land. Third rate.

20.00 South on a true meridian.
Set a post for quarter Section
corner. Drove a charred stake and
raised a mound as per instructions.

80.00 Set a post for corner to Sections
18. 19. and 24. in Township No. 15.
South. Drove a charred stake and
raised a mound as per instructions.
Surface. Rolling.
Vegetation. Buffalo grass.
Land. Third rate.

20.00 South on a true meridian.
Set a post for quarter Section
corner. Drove a charred stake and
raised a mound as per instructions.

80.00 Set a post for corner to Sections
19. 24. 25. and 30. in Township No.

Townships 15. and 16. South.

15. South. Drove a charred stake and
raised a mound as per instructions.

Surface. Rolling.
Vegetation. Buffalo grass.
Land. Third rate.

40.00 South on a true meridian.
Set a stake for quarter Section
corner. Drove a charred stake and
raised a mound as per instructions.

80.00 Set a post for corner to Sections
25. 30. 31. and 36. in Township No. 15. South.
Drove a charred stake and raised a
mound as per instructions.

Surface. Rolling.
Vegetation. Buffalo grass.
Land. Third rate.

Sept. 13th 1861.

40.00 South on a true meridian.
Set a post for quarter Section
corner. Drove a charred stake and
raised a mound as per instructions.

Jth Guich Meridian

Townships 15 and 16. South.

80.00

Set a post for corner to Sections
31. and 36. in Township No. 15. South
and Sections 1. and 6. in Township
No. 16. South. Drove a charred stake
and raised a mound as per instructions.

Surface. Rolling.

Vegetation Buffalo grass.

Land. Third rate.

Field Notes.

of the survey of the Third Standard
Parallel (South of the base line on
the Fortieth Parallel of North Lat-
tude) running West from the Eighth
Guide Meridian to the Rocky Moun-
tains in the Territory of Colorado.
By Joel E. Hendricks, deputy sur-
veyor, under his contract number
one, bearing date the 12th day of
August A.D. 1866.

I should add that the Chains
were compared with the Standard
Every morning -
~~~~~

We hereby certify that we assist  
the Lord Examiners Deputy Sur-  
veyor in surveying the 8th Principal  
Meridian West of the 6th Principal  
Meridian South from the Base line  
90 miles also the first second  
and Third Standard Parallels, both  
between said 8th Principal Meridian  
& the Base of the Mountains, and  
that said lines have in all out-  
shots been to the best of our  
knowledge & belief well and  
faithfully surveyed and the  
boundary monuments planted  
according to the instructions  
furnished by the Survey  
General

Wm H Ashley  
Brookly H. Sawtelle  
D R Atthens } Chain  
Edward G Field }

George J. Hendricks - Foreman  
Sylvester (Lemona) Cronin

Subscribed & sworn to by the above  
examined persons before me a  
United States Commissioner  
for the Territory of Colorado  
this 30th day of September  
1861

John

Wm Larimer  
United States  
Commissioner for  
Colorado Tg

I Joel E. Hendricks, Dep.  
 ty Surveyor do solemnly swear  
 that in pursuance of a contract  
 with Francis McLean Sur-  
 veyor of the Public Lands  
 of the United States in the Ter-  
 ritory of Colorado bearing date  
 the 12th day of August  
 1861 and in strict conformity  
 to the Laws of the United States  
 and the instructions furnished  
 by the Surveyor General I have  
 faithfully surveyed the said  
 6th Guide Meridian south  
 of the Base Line north line  
 and the said first second third  
 Standard Parallels from said Guide  
 Meridian west to the Base of  
 the Rocky Mountains in the  
 Territory of Colorado of and  
 do further solemnly  
 swear that the foregoing

are the true and original  
 field notes of said survey

Joel E. Hendricks, Dep.  
 Deputy Surveyor

Subscribed by the said Joel E.  
 Hendricks, and sworn to before  
 me a United States Commissioner for  
 the Territory of Colorado  
 this 30th day of Septem-  
 ber A.D. 1861

(Signature)

Wm. L. Larkin  
 United States  
 Commissioner for Col.



Surveyor General's office  
 Humboldt Cal. F. Oct 1861  
 The foregoing field notes of the survey  
 of the 8<sup>th</sup> and meridian met of the  
 6<sup>th</sup> principal meridian south  
 from the Base Line 90 miles also  
 the first Second Hand Standard  
 parallels with between the  
 8<sup>th</sup> and meridian and the  
 Base of the Rocky Mountains  
 executed by Joel O. Henshaw  
 under his contract of the 12<sup>th</sup>  
 day of August 1861. having  
 been critically examined the  
 necessary corrections and expl-  
 anating matter. the said field  
 notes and the surveys they de-  
 scribe are hereby approved,

M. J. McLean  
 Secy. Genl. F.  
 1861

1  
Field Notes of the  
Exterior lines of  
Township 15 South.  
Range 64. West.

Yp 15 S. R. 64 W.

North between Secs 31 & 36.

Pa. 15° 30' East.

40.00 Set a Post in mound  
and charred stake for  
1/4 Sec. Corner.

80.00 Set a Post in mound  
and charred Stake for  
corner to Secs 25, 30.

31. and 36.

Land rolling. 2<sup>nd</sup> rate  
veg. Birch grass

North between Secs 25 & 30

Pa. 15° 30'

40.00 Set a Post in mound  
and charred stake for  
1/4 Sec. Corner.

80.00 Set a Sandstone 15' x 4' x 4'  
for corner to Secs 19, 24.

25 and 30.

Land gently rolling. 2<sup>nd</sup> rate  
veg. brush grass.

2  
Twp. 15 S. R. 64 W.

North between Secs.  
19. and 24.

Pa. 15° 30' East.

40.00 Set a Post in mound  
and charred stake for  
1/4 Sec. corner.

80.00 Set a sandstone 14 x 10 x 4  
for corner to Secs 13, 18, 19 & 24  
Land rolling. 24 rate  
veg. bunch and buffaloes.

North between Secs 13 & 18

Pa. 15° 30' East.

40.00 Set a Post in mound  
and charred stake for  
1/4 Sec. corner.

82.80 Small dry ravine, course  
S. 35° East.

80.00 Set a sandstone 16 x 9 x 4  
for corner to Secs 2,  
12, 13, and 18.  
Land rolling. 24 rate

3A  
Twp. 15 S. Range 64 W.

veg. bunch grass

North between Secs 1 & 12

Pa. 15° 30' East.

40.00 Set a Post in mound  
and charred stake for  
1/4 Sec. corner.

80.00 Set a Post in mound  
and charred stake for  
corner to Secs. 1, 6, 7 & 12  
Land rolling 24 rate  
veg. bunch grass

North between Secs 1 & 6.

Pa. 15° 30' East.

40.00 Set a Post in mound  
and charred stake for  
1/4 Sec. corner.

80.00 Set a Post in mound  
and charred stake for  
corner to Secs. 1, 6, 7 & 12  
in Twp. 15 S. and 15 S.  
14

X

Yp. 15 S. R. 64 W.

Ranges 63 and 64 West.  
Land gently rolling. No  
veg. bunch grass.  
June 18. 1867.

From the Post corner  
to Townships 14 and  
15 S. Ranges 63 and 64  
West 1 run.

Not on a random line  
Var. 15° East.

Setting temporary Posts  
every 40 and 80 chains.

48195

chains  
intersect N & S line at  
a point 57 1/2 S.  
of Post corner to

Yp. 15 S. R. 64 W.

Townships 14 and 15 S.  
Ranges 64 and 65 West.  
from which corner I  
run: S. 85° 56' E. on  
a true line

Var. 15° East.

4195 Set a Sandstone 16x10x5  
for 1/4 Sec. corner.

8496 Set a Sandstone 18x11x5  
for corner to Secs 5, 6  
31 and 32.

Land rolling 2 1/2% rate  
veg. bunch grass

East along the S. bound-  
ary of Sec. 32.  
Var. 15° East.

14000 Foot of Sand rocks 30  
feet high - bear N. & S.

1600 Lot of Same.

4000 Set a Sandstone 16x10  
x5 for 1/4 Sec. corner



Apr. 15 S. R. 64 W.

54.10 Dry Prairie, course  
S. 25° West.

80.00 Set a Post in mound  
and marked stone  
for corner to Secs. 4, 5,  
32. and 33.

Land rolling, except  
on bluff, 2<sup>d</sup> rate  
Reg. bunch grass.

A few small pines  
growing on the bluff.

East along the South  
boundary of Sec. 33.  
Var. 15° East.

27.00 Dry Prairie, course South

40.00 Set a Post in mound  
and charred stake for  
1/4 Sec. corner.

80.00 Set a Post in mound  
and charred stake for  
corner to Secs. 34, 35, 36, 37.

Apr. 15 S. R. 64 W.

Land rolling, 2<sup>d</sup> rate  
Reg. bunch grass.

East along the South  
boundary of Sec. 34.  
Var. 15° East.

40.00 Set a Post in mound  
and charred stake for  
1/4 Sec. corner.

80.00 Set a Post in mound  
and charred stake for  
corner to Secs 2, 3, 34  
and 35.

Land rolling, 2<sup>d</sup> rate  
Reg. bunch grass.

East along the South  
boundary of Sec. 35 variation 15° East

31.80 Dry Prairie, course  
S. 35° West.

40.00 Set a Post in mound  
and charred stake for 1/4 Sec. corner.

Twp 15 S. R. 64 W.

5.80 Dry Ravine, corner S.W.  
 71.00 Dry Ravine, corner S.  
 80.00 Set a Post in mound  
 and charred stake  
 for corner to Secs. 1, 2, 3 & 36  
 Land rolling 2<sup>nd</sup> rate  
 veg. Buck Grass

East along the South  
 boundary of Sec. 36  
 to 15<sup>th</sup> East.

10.00 Set a Post in mound  
 and charred stake for  
 1/4 Sec. corner.

80.00 The corner to Secs. 1, 6,  
 31, and 36, in Twp. 14,  
 and 15 S. Ranges 64 & 65 W.  
 The surface of this  
 Township is generally  
 a rolling prairie,  
 sparsely with wood

Twp 15 S. R. 64 W.

no water, and the light  
 sandy nature of the  
 soil renders it un-  
 fit for cultivation.  
 June 20, 1867

I hereby certify that I  
 assisted Cecil A Deane  
 Deputy Surveyor in survey-  
 ing the exterior line of  
 Townships 11. 12. 13. 14 & 15  
 South. Ranges 64 & 65 West  
 of the 6<sup>th</sup> Principal Meridian  
 also the 3<sup>rd</sup> correction line  
 South, for a distance of 24  
 miles East from the 8<sup>th</sup>  
 Guide Meridian in Colorado  
 and that said survey has  
 been well and faithfully  
 surveyed and the boundary  
 monuments have been  
 planted according to the in-  
 struction furnished by the  
 Surveyor General.

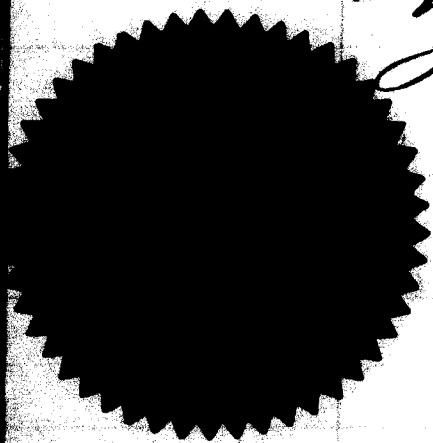
Frank Watters  
 Ensign

Territory of Colorado  
 County of Prowers ss. Sub  
 scribed and sworn

To be fore me this Third  
day of July 1867

Whom my hand and  
notarial seal this 3<sup>d</sup>  
day of July 1867

John W Webster  
Notary Public

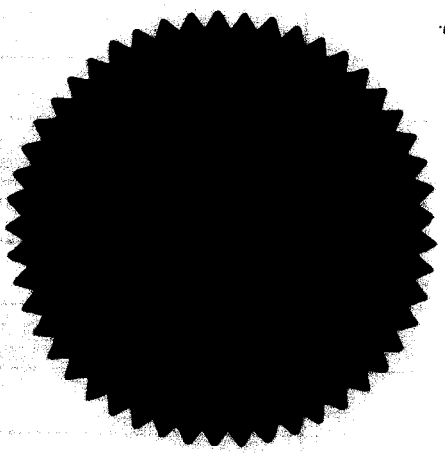


We hereby certify that  
we assisted Cecil A.  
Deane, deputy Surveyor,  
in surveying the exte-  
rior lines of Town-  
ships 11. 12. 13. 14 and  
15 South, Ranges 63 and  
64 West of the 6<sup>th</sup> Prin-  
cipal Meridian; also  
the 3<sup>d</sup> correction line  
South, for a distance of  
24 miles East from  
the 8<sup>th</sup> Guide Meridian  
in Colorado, and that  
said survey has been  
well and faithfully  
surveyed, and the bound-  
ary monuments have  
been planted according  
to the instructions  
furnished by the Sur-  
veyor General.

Richard Bridger }  
 Richard King }  
 Chas. Plummer }  
 John McQuire }  
 J. F. Morgan }  
 James Fisher }

Territory of Colorado  
 County of Otero

Sworn and Subscribed  
 to before me this 11<sup>th</sup>  
 day of July A.D. 1867  
 Witness my hand  
 and official Seal.  
 John W. Webster  
 Notary Public



I Cecil A. Deane deputy  
 Surveyor do solemnly  
 swear that in pursuance  
 of a contract with W. H.  
 Leasing Surveyor General  
 of the public lands of the  
 United States in the Territory  
 of Colorado, bearing date  
 the 10<sup>th</sup> day of June 1867, and  
 in strict conformity to the  
 laws of the United States  
 and the instructions fur-  
 nished by said Surveyor  
 General, I have faithfully  
 surveyed the 3<sup>rd</sup> Corner  
 line E. East from the 8<sup>th</sup> Guide  
 Meridian 24 miles and  
 the Exterior line of the  
 11. 12. 13. 14 & 15 S. R. 63 & 64  
 N. of the 6<sup>th</sup> Principal  
 Meridian in said  
 Territory and do



further solemnly swear  
that the foregoing are  
the true and original  
field notes of such sur-  
vey

Bevil A. Deane.

Deputy Surveyor.

Territory of Colorado }  
Arapahoe County }<sup>21</sup>

Subscribed  
by said Bevil A. Deane deputy  
surveyor and sworn to before  
me this 14<sup>th</sup> day of July

A.D. 1867

Eli M. Ashley  
Notary Public

Surveyor General's Office  
Denver C.T. July 10<sup>th</sup> 1867

The foregoing field notes  
of the survey of the 3<sup>rd</sup> Con.  
line S.-E. from the 8<sup>th</sup> Guide  
Mer. 24 miles and the Exter-  
rior line of the 11, 12, 13, 14 & 15  
S.R. 63 & 64 th executed  
by Bevil A. Deane, having  
been critically examined  
the necessary corrections &  
explanations made the said  
field notes and the surveys  
they describe are hereby  
approved.

J. D. D. Kessig  
Surveyor General of  
Colorado & Utah

22

2

231

232

82

Third Correction line

South.

No Ranges 61. 62.  
63. and 64 West.

232A

We hereby certify that  
we assisted Cecil A. Deane,  
deputy Surveyor, in sur-  
veying the 3<sup>rd</sup> correc-  
tion line South for  
a distance of 24 miles  
East from the 8<sup>th</sup>  
Guide Meridian in  
Colorado, and that  
said survey has been  
well and faithfully  
surveyed and the  
boundary monuments  
have been planted  
according to the instruc-  
tions furnished by  
the Surveyor General.

Cecil A. Deane } Company

J. F. Morgan }  
James Bisher }

232B

Richard, King.  
William Plumber  
C. J. Bridges } Chain  
John E. Guire }

Commence at the corner  
to Twp 15. and 16. S. R. 64  
and 65. West. on the 8<sup>th</sup>  
Guide Meridian. - Post  
standing in mound and  
agreeing with the descrip-  
tion furnished me by the  
Surveyor General.

I find by observation  
with the Solar Compass  
the Meridian to be  
14° 44' East.

From said corner I run  
East along the S. boundary  
of Sec. 31 Twp 15 S. R. 64 W.  
Bear. 14° 44' East.

40.00 Set a Sandstone 15x10x4  
for 1/4 Sec. corner.

Twp 15 S. R. 64 W.

80.00 Set a Sandstone 15x10  
x5 for corner to sections  
31 & 32.

Land rolling 2<sup>nd</sup> rate  
Reg. bunch grass  
and sage bushes.

East along the South x x  
boundary of Sec. 32  
Bear. 14° 44' E.

40.00 Set a Sandstone 15x8x4  
for 1/4 Sec. corner.

76.50 Prairie with water,  
crossed South.

80.00 Set a Sandstone 14x10  
x4 for corner to sections  
32, and 33.

Land rolling 2<sup>nd</sup> rate  
Reg. buffalo and  
bunch grass.

East along the South

Twp. 15 S. R. 64 W.

boundary of Sec. 33.

Bearing  $14^{\circ} 44'$  E

40.00

Set a Sandstone 15 x 3

x 4 for  $\frac{1}{4}$  Sec. corner.

80.00

Set a Sandstone 14 x 11

x 4 for corner to Sec-  
tions 33. and 34Land gently rolling  
2<sup>nd</sup> rate

Reg. bunch grass.

East along the South  
boundary of Sec. 34Bearing  $14^{\circ} 44'$  East.

40.00

Set a Sandstone

15 x 12 x 4 for  $\frac{1}{4}$ 

Sec. corner.

80.00

Set a Sandstone 14 x

10 x 4 for corner to  
Sections 34 and 35Land gently rolling 2<sup>nd</sup> rate  
Reg. Bunch grass

Twp. 15 S. R. 64 W.

East along the S. bound-  
ary of Sec. 35Bearing  $14^{\circ} 44'$  East.

40.00

Set a Sandstone 14

x 9 x 4 for  $\frac{1}{4}$  Sec. corner

80.00

Set a Post in mound

and charred stake, made  
trenches as per newinstructions, for corner  
to Sections 35 and 36Land rolling. 2<sup>nd</sup> rate

Reg. Bunch grass.

East along the South  
boundary of Sec. 36Bearing  $14^{\circ} 44'$  East.

40.00

Set a Post in mound

and charred stake for  
 $\frac{1}{4}$  Sec. corner.

67.40

Dry Ravine, covered.

80.00

Set a Post in mound

Twp. 15 S. R. 64. W.

and charred stake  
for corner to Sections  
31 and 36. in Town-  
ship 15 S. Range 63 and  
64 West.

Land on line loose  
sandy soil - not fit  
for cultivation. No  
timber found on line

Twp. 15 S. R. 63. W.

From the corner to  
Townships 15 S. Ranges  
63 and 64 West, I  
run along the S. bound-  
ary of Sec. 31. Twp 15  
S. Range 63. West, at  
a variation of  $14^{\circ}49' E.$

40.00 Set a Post in mound  
and charred stake for  
 $\frac{1}{4}$  Sec. corner.

80.00 Set a Post in mound  
and charred stake for  
corner to Sections 31 & 32  
Land rolling & hilly  
veg. brush and buf-  
falo grass.

East along the South  
boundary of Sec. 32.

Var.  $14^{\circ}49' E.$

40.00 Set a Post in mound  
and charred stake



## Field Notes

A survey of subdivisional  
lines of Pp. 45. S. R. 64. 00  
of the 6<sup>th</sup> Principal Mer.  
in Colorado Territory, by  
Wm A. Christen

Dep. Sur.

under his contract for June 4<sup>th</sup>  
Survey begun July 3, 71  
Completed " 8, 71

# INDEX.

Township 15 S., R. 54 W.,

Mer., Colorado.

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

S. 15. S. R. 64. W.

Having adjusted my compass according to instructions I begin at the bar. to be 35+36. on the 3<sup>rd</sup> connection line length 100m

N. on a true line between Sec 35+36

N. 15° 30' E

40.00 Section in ground with changed state for 1/4 Sec 36

67.00 Dry Creek. Course S. E

80.00 Set stone 19x17x8 for bar to be 25.26.35.36

Land calling 2<sup>nd</sup> state Reg. Buffalo grass, Sage & grease wood

E. on a random line between Sec 25+36

N. 14° 30' E

40.00 Set temporary 1/4 bar

S. 15. S. R. 64.00  
79.86 Intersect N & S line, 2<sup>nd</sup>  
S. of Cor.  
from which Cor. I run  
S. 89° 55' 00"  
on a true line

39.90 Set post in mound for 1/4 Cor  
79.86 The Cor. to be 25, 26, 35, 36  
Land selling 2<sup>nd</sup> rate

N. between Sec 25, 26  
Va 150° 45' E  
40.00 Set stone 16x14x7 for 1/4 Cor  
80.00 Set stone 18x17x8 for Cor  
to be 23, 24, 25, 26  
Land selling 3<sup>rd</sup> rate

E. on a random line  
between Sec 24, 25  
Va 14° 35' E  
40.00 Set post for temporary 1/4 Cor  
80.00 Intersect N & S line 100 ft N

S. 15. S. R. 64.00  
of Cor. from which Cor. I run  
N. 89° 56' 00"  
on a true line

40.01 Set post in mound for 1/4 Cor  
80.03 The Cor. to be 23, 24, 25, 26  
Land selling 2<sup>nd</sup> rate

N. between Sec 23, 24  
Va 150° 45' E

40.00 Set sand stone 16x14x7 for 1/4 Cor  
80.00 Set sand stone 18x17x8 for  
Cor to be 13, 14, 23, 24  
Land selling 2<sup>nd</sup> rate

E. on a random line  
between Sec 13, 24  
Va 14° 35' E

40.00 Set temporary 1/4 Cor  
80.10 Intersect N & S line 50 ft N  
of Cor. from which Cor. I run  
N. 89° 58' 00"

6

T. 15. S. R. 64. 08

on a true line

40.05 Let Stone 16x14x7 ft 1/4 bar

80.10 The bar to Sec 13. 14. 23. 24

Land selling 2<sup>nd</sup> rate

N. between Sec 13. 14

N. 15° 45' E

40.00 Let Sandstone 16x14x8 ft 1/4 bar

80.00 Let Sandstone 20x16x7 ft 1/4 bar

bar to Sec 11. 12. 13. 14

Land selling 3<sup>rd</sup> rate

E. on a random line  
between Sec 12 & 13.

N. 14° 35' E

18.00 Day back. bar. S. E.

40.00 Let temporary 1/4 bar

80.20 Intersect N. & S. line 10 ft

S. of bar. from ash. bar. 2 mi

S. 89° 54' 00"

on a true line

7

T. 15. S. R. 64. 08

40.10 Let Sandstone 17x16x5 ft 1/4 bar

80.20 The bar to Sec 11. 12. 13. 14

Land selling 2<sup>nd</sup> rate

N. between Sec 11. 12

N. 15° 45' E

40.00 Let Sandstone 16x14x7 ft 1/4 bar

76.00 Day back. bar. S. E.

80.00 Let Stone 17x16x8 ft 1/4 bar to

Sec 1. 2. 11. 12

Land selling 2<sup>nd</sup> rate

E. on a random line  
between Sec 1 & 12

N. 14° 35' E

40.00 Let temporary 1/4 bar

79.84 Intersect N. & S. line 27 ft

S. of bar. from ash. bar. 2 mi

S. 89° 48' 00"

on a true line

39.92 Let bar in manna 1/4 bar

S. 15. S. R. 64 00

79.04 The bar to be 1.2.11.12  
Land rolling 2<sup>d</sup> rate

N. on a random line  
between Sec 1 & 2

N. 15° 45' E.

40.00 Let temporary 1/4 bar

80.28 Intersect N. line of G.  
27 pks. E. of bar.

from which bar. Iron  
S. 0° 12' E.

on a true line

40.28 Let post in mound for 1/4 bar

80.28 The bar to be 1.2.11.12

Land rolling 3<sup>d</sup> rate  
Reg. 6 Buffalo grass, Sage

July 3, 1871

N. on a true line  
between Sec 34 & 35

N. 15° 45' E.

S. 15. S. R. 64 00

40.00 Let post in mound for 1/4 bar

80.00 Let line 19x17x8 from bar. to  
Sec 26. 27. 34. 35

Land rolling 2<sup>d</sup> rate  
Reg. 6 Buffalo grass, Sage &c

E. on a random line  
between Sec 26 & 35

N. 14° 30' E.

40.00 Let temporary 1/4 bar

74.60 Dry Creek. Corner S. 60° E

80.20 Intersect N. S. line in NW  
of bar. from wh. bar. Iron

N. 89° 56' W

on a true line

40.10 Let post in mound for 1/4 bar

80.20 The bar to be 26. 27. 34. 35

Land rolling 2<sup>d</sup> rate  
Reg. 6 Buffalo grass



S. 15. S. R. 6. 4. 77

N. between Sec 26 & 27

Na 15 45 E

40.00 Set Sandstone 16+14+7 ft 1/4 Sec

80.00 Set Sandstone 19+17+8

from to Sec 22, 23, 26 & 27  
Land rolling 2<sup>nd</sup> rate

E. on a random line  
between Sec 23, 26

Na 149 35 E

8.110 Dry Creek corner S.

40.00 Set tree marking 1/4 Sec

80.10 Intersect N. & S. line 1/2 mile  
of Sec. from which Sec 22  
S. 89° 55' W

on a true line

40.115 Set post in main area 1/4 Sec

80.11 The Sec. to Sec 22, 23, 26 & 27

Land rolling 2<sup>nd</sup> rate  
veg. Buffalo grass

S. 15. S. R. 6. 4. 77

N. between Sec 22, 23

Na 15 45 E

40.00 Set stone 16+14+7 ft 1/4 Sec

46.00 Dry Creek corner S. E

80.11 Set stone 18+16+7 ft Sec

to Sec 14, 15, 22 & 23

Land rolling 2<sup>nd</sup> rate

E. on a random line  
between Sec 14, 23

Na 149 35 E

40.11 Set temporary 1/4 Sec

80.11 Intersect N. & S. line 1/2 mile  
of Sec. from which Sec 22  
N. 89° 53' W

on a true line

40.115 Set post in main area 1/4 Sec

80.11 The Sec. to Sec 14, 15, 22 & 23

Land rolling 3<sup>rd</sup> rate  
veg. Buffalo & Sand grass

S. 15. S. R. 64. 00

N. between Sec 14 & 15

N. 15° 45' E

40.00 Let post in mound for 1/4 Sec

80.00 Let sandstone 19 x 17 x 6 ft. to Sec 10, 11, 14 & 15

Land rolling 3<sup>rd</sup> rate

E. on a random line between Sec 14 & 15

N. 14° 35' E

40.00 Let temporary 1/4 Sec

80.00 Intersect N.W. line of Sec 14 & 15 of Co. from which Co. Sec 14 & 15

N. 89° 57' 00"

40.05 Let post in mound with chain state for 1/4 Sec

80.10 The Co. to Sec 10, 11, 14 & 15

Land rolling 2<sup>nd</sup> rate  
Reg. Diff. log ray

S. 15. S. R. 64. 00

N. between Sec 11 & 12

N. 15° 45' E

40.00 Let post in mound for 1/4 Sec

80.00 Let sandstone 19 x 17 x 6 ft. to Sec 2, 3, 10 & 11

Land rolling 3<sup>rd</sup> rate

E. on a random line between Sec 2 & 11

N. 14° 35' E

40.00 Let temporary 1/4 Sec

69.20 Dry back. from S. 70° E

80.20 Intersect N.W. line of Sec 2 & 11 of Co. from which Co. Sec 2 & 11

S. 89° 57' 00"

on a true line

40.10 Let post in mound for 1/4 Sec

80.20 The Co. to Sec 2, 3, 10 & 11

Land rolling 2<sup>nd</sup> rate  
Reg. Diff. log ray



14  
D. 15. S. R. 64.00

N. on a random line  
between loc 2 & 3

N. 15° 45' E

40.00 Set temporary 1/4 cor

80.30 Intersect N. line of Sp.  
16 lks. N. of Cor.

from which Cor. Iron

S. 11° 7' 00"

on actual line

40.00 Set point in mound for 1/4 sec.

80.30 The Cor. to loc 2 & 3 10 & 11

Land rolling 2<sup>nd</sup> rate

Reg. Buffalo sand grass

Labrador Sage

July 27, 1891

N. on a random line

between loc 33 & 34

N. 15° 45' E

40.00 Set point in mound with  
chain stake for 1/4 sec.

15  
D. 15. S. R. 64.00

80.00 Set stone 22x16x7 for Cor.  
to loc 27.28.33.34

Land rolling 2<sup>nd</sup> rate

C. on a random line  
between loc 27 & 34

N. 14° 30' E

40.00 Set temporary 1/4 Cor

79.90 Intersect N. S. line 17 lks. N.  
of Cor. from which Cor. Iron

N. 89° 53' 00"

on actual line

79.95 Set point in mound for 1/4 sec.

79.90 The Cor. to loc 27.28.33.34

Land rolling 2<sup>nd</sup> rate

Reg. Sage & Buffalo grass

N. between loc 27.28

N. 15° 45' E

40.00 Set sand stone 16x15x7 for 1/4 Cor

80.00 Set sand stone 22x19x8

T. 5. S. R. 64. 77  
 from to loc 21. 22. 27. 28  
 Land rolling 2 rate  
 Veg. Buffalo grass

E. on a random line  
 between loc 22 - 27  
 Va. 14° 30' E

40.00 Set temporary 1/4 cor.  
 80.04 Intersect N. S. line 1/4 sec 5  
 of cor. from old cor. I run  
 S. 89° 53' 00"  
 on a true line

40.02 Set post in mound for 1/4 cor.  
 80.04 The cor. to loc 21. 22. 27. 28  
 Land rolling 2 rate

N. between loc 21, 22  
 Va. 15° 45' E

40.00 Set Sandstone 16 x 14 x 6 for 1/4 cor.  
 80.00 Set Sandstone 19 x 7 x 7 for  
 cor to loc 15. 16. 21. 22

T. 5. S. R. 64. 78  
 Land rolling 3 rate  
 Veg. Buffalo grass

E. on a random line  
 between loc 15, 22  
 Va. 14° 30' E

40.00 Set temporary 1/4 cor.  
 60.00 Dog Creek corner S E  
 80.00 Intersect N. S. line 1/4 sec 4  
 N. of cor. from old cor. I run  
 N. 89° 54' 00"  
 on a true line

40.00 Set post in mound on the  
 corner for 1/4 cor.  
 80.00 The cor. to loc 15. 16. 21. 22  
 Land rolling 2 rate  
 Veg. box tree, Buffalo grass

N. between loc 15, 16  
 Va. 15° 45' E

40.00 Set Stone 16 x 14 x 7 for 1/4 cor.

S. 15. S. R. 64. 08

76.30 Day book, base S. 65° E

80.00 Set Stone 79 x 18 x 9 for base  
to be 9.10.15.16

Land clearing 2<sup>nd</sup> rate  
Reg. Buffalo zone

E. on a random line  
between Sec 10 & 15

N. 14° 30' E

40.00 Set temporary 1/4 corner

49.80 Intersect N. 1/4 line 10 blocks  
from wh. cor. from  
S. 89° 56' 00"

on a true line

39.90 Set point in ground for 1/4 corner

49.80 The base to be 9.10.15.16

Land clearing 2<sup>nd</sup> rate  
Reg. Buffalo zone

N. between Sec 9 & 10  
N. 15° 45' E

S. 15. S. R. 64. 08

40.00 Set Sandstone 17 x 15 x 5 for 1/4 corner

80.00 Set Sandstone 20 x 17 x 6 for  
base to be 3. 4. 9. 10

Land clearing 2<sup>nd</sup> rate

E. on a random line  
between Sec 3 & 10

N. 14° 30' E

40.00 Set temporary 1/4 corner

49.90 Intersect N. 1/4 line 30 blocks S.  
from which cor. from  
S. 89° 47' 00"

on a true line

39.95 Set point in ground for 1/4 corner

49.90 The base to be 3. 4. 9. 10

Land clearing 2<sup>nd</sup> rate  
Reg. Buffalo zone

N. on a random line  
between Sec 3 & 4  
N. 15° 45' E

T. 15. S. R. 64. 00

40.00 Let temporary  $\frac{1}{4}$  Cor  
80.60 Intersect N. line of T.  
20 E. of Cor

from which Cor. Iron  
S. 8° 9' E

on a true line

40.69 Let Stone 16x14x7 for  $\frac{1}{4}$  Sec

80.60 The Cor to Sec 34. 9. 10

Land selling 2<sup>nd</sup> rate  
Reg. Buffalo grass  
July 5, 1871

N. on a true line  
between Sec 32, 33

N. 15° 45' E

40.00 Let Stone 17x16x7 for  $\frac{1}{4}$  Sec

80.00 Let Sandstone 19x18x9 for  
Cor to Sec 28, 29, 32, 33

Land selling 3<sup>rd</sup> rate  
Reg. Buffalo Sand grass  
Greasewood & Sage

T. 15. S. R. 64. 00

Cor on a random line  
between Sec 28, 33

N. 14° 30' E

40.00 Let temporary  $\frac{1}{4}$  Cor

80.10 Intersect N. & S. line 10 E. of  
of Cor. from which Cor. Iron  
N. 89° 56' W

on a true line

40.05 Let post in mound for  $\frac{1}{4}$  Sec

80.10 The Cor to Sec 28, 29, 32, 33

Land selling 2<sup>nd</sup> rate  
Reg. Buffalo grass

N. between Sec 28, 29

N. 15° 45' E

40.00 Let Stone 16x17x7 for  $\frac{1}{4}$  Sec

80.00 Let Sandstone 19x17x5 for  
Cor to Sec 28, 29, 32, 33

Land selling 2<sup>nd</sup> rate  
Reg. Buffalo grass



S. 15. S. R. 64.00

On a random line  
between Sec 21 & 28

N. 14° 30' E

40.00 Set timber 1/4 Sec

80.20 Intersect N. & S. line 10 E

P. of Sec. from N. Cor. Town

S. 89° 54' 00

on a true line

240.10 Set stone 16x4x7 for 1/4 Sec

89.20 The line Sec 20, 21, 28, 29

Land selling 2 rods

N. between Sec 20, 21

N. 15° 45' E

21.70 Dry creek corner S. W.

49.00 Set sandstone 19x15x4 for 1/4 Sec

80.00 Set sandstone 24x12x5 for

line to Sec 16 & 7, 20, 21

Land selling 2 rods

Veg. Buffalo grass Sage

S. 15. S. R. 64.00

On a random line  
between Sec 16 & 21

N. 14° 30' E

8.00 Dry creek corner S. W.

40.00 Set timber 1/4 Sec

80.12 Intersect N. & S. line 10 E

Sec. from N. Cor. Town

S. 89° 53' 00

on a true line

40.16 Set post in corner for 1/4 Sec

80.12 The line to Sec 16, 17, 20, 21

Land selling 2 rods

N. between Sec 16, 17

N. 15° 45' E

31.00 Corner. Corner S. E

40.00 Set sandstone 16x15x7 for 1/4 Sec

80.00 Set sandstone 22x11x6 for Sec

to Sec 8, 9, 16 & 17

Land selling 2 rods

Veg. Buffalo grass

P. 15. S. R. 64.00

On a random line  
between Sec 9 & 16

Pa 14° 30' E

17.30 Day break. Corner S. & R.

40.00 Set temporary 1/4 Cor

78.00 Day break. Corner S. & E.

80.14 Intersect N. line 7th N

from rock. Cor. Iron

N. 89° 57' 00"

on a true line

40.07 Set post in mound for 1/4 Sec 9

80.14 The Cor. to Sec 9. 16. 17

Land rolling 2<sup>nd</sup> route

N. between Sec 8 & 9

Pa 15° 45' E

40.00 Set Sand stone 16 x 14 x 7 for 1/4 Cor

80.00 Set Sand stone 19 x 18 x 6 for Cor

to Sec 4. 5. 8 & 9

Land rolling 2<sup>nd</sup> route

S. 15. S. R. 64.00

On a random line  
between Sec 4 & 9

Pa 14° 30' E

40.00 Set temporary 1/4 Cor

80.20 Intersect N. line 20th S  
of Cor. from rock. Cor. Iron  
S. 89° 57' 00"

on a true line

40.10 Set post in mound for 1/4 Sec 9

80.20 The Cor. to Sec 4. 5. 8 & 9

Land rolling 3<sup>rd</sup> route

Reg. Buffalo grass

N. on a random line

between Sec 4 & 5

Pa 15° 45' E

40.00 Set temporary 1/4 Cor

80.30 Intersect N. line of 19th S.

24th S. of Cor.  
from rock. Cor. Iron  
S. 0° 10' 00"



P. 15. S. R. 64. W

on a true line

40.30 Set Stone 16x15x8 ft 1/4 lb

80.30 The bar. to be 4.5.8.9

Land rolling 3 rods

Reg. Buffalo grass &

a few pine trees

July 6. 1871

N. on a true line

between Sec 31 & 32

N. 15° 45' E

40.00 Set Stone 17x16x4 ft 1/4 lb

80.00 Set Stone 19x18x8 ft 1/4 lb

to be 29. 30. 31 & 32

Land rolling 2 rods

Reg. Buffalo grass

Corner of Sec 31 & 32

between Sec 29 & 32

N. 14° 30' E

27.35 Day Corner Corner S. 100

P. 15. S. R. 64. 100

40.00 Set temporary 1/4 lb

80.14 Intersect N. S. line 51° 10'

of bar. from which bar. 100

N. 89° 58' 00"

on a true line

40.07 Set post in corner 1/4 lb

80.14 The bar. to be 29. 30. 31 & 32

Land rolling 2 rods

N. on a true line

between Sec 30 & 31

N. 14° 30' E

40.00 Set temporary 1/4 lb

80.30 Intersect 8<sup>th</sup> Guide Mer. 131 1/2

of bar. from which bar. 100

S. 89° 54' E. on a true line

40.30 Set post in corner 1/4 lb

80.30 The bar. to be 29. 30. 31 & 32

Land rolling 2 rods

Reg. Buffalo grass

D. 15. S. R. 64. 77

N. between Lec 29, 30

Na 15° 45' E

40.00 Let stone 17x16x7 for 1/4 Cor

80.00 Let stone 24x16x8 for Cor to  
Lec 19, 20, 29, 30

Land rolling 2<sup>nd</sup> rate  
Veg. Buffalo & Sand grass

E. on a random line  
between Lec 20 & 29

Na 14° 30' E

40.00 Let temporary 1/4 Cor

62.10 Day bed of Creek, bounded by

80.10 Intersect N.W. line 7<sup>th</sup> block  
of Cor. from which Cor. Town  
N. 89° 57' 00"

on a true line

40.05 Let portion in mound for 1/4 Cor

80.19 The Cor. to Lec 19, 20, 29, 30

Land rolling 2<sup>nd</sup> rate  
Veg. Buffalo & grass

D. 15. S. R. 64. 78

W. on a random line  
between Lec 19, 30

Na 14° 30' E

40.00 Let temporary 1/4 Cor

80.50 Intersect 8<sup>th</sup> block Mer. 15<sup>th</sup> Sec.

S. of Cor. from north Cor. Town  
S. 89° 54' E

on a true line

40.50 Let portion in mound for 1/4 Cor

80.50 The Cor. to Lec 19, 20, 29, 30

Land rolling 2<sup>nd</sup> rate  
Veg. Buffalo & Sand grass

N. between Lec 19, 20  
Na 15° 45' E

40.00 Let stone 16x14x7 for 1/4 Cor

80.00 Let Sandstone 22x17x6 for  
Cor. to Lec 17, 18, 19, 20

Land rolling 2<sup>nd</sup> rate  
Veg. Buffalo & grass

P. 15. S. R. 64. 00

From a random line  
between Sec 17, 20,

N.  $14^{\circ}30' E$

40.00 Let temporary  $\frac{1}{4}$  Cor

80.12 Intersect N.W. line 15th N.

of Cor. from which Cor. In.

N.  $89^{\circ}54' W$

on a true line

40.06 Let first in mound for  $\frac{1}{4}$  Cor.

80.12 The Cor. to Sec 17, 18, 19, 20

Land selling 2<sup>d</sup> rate

N. on a random line

between Sec 18, 19

N.  $14^{\circ}30' E$

40.00 Let temporary  $\frac{1}{4}$  Cor

80.90 Intersect 8<sup>th</sup> Guide Mer.

12 lks N. of Cor.

from which Cor. In.

N.  $89^{\circ}55' E$

on a true line

P. 15. S. R. 64. 00

40.90 Let Stone 16x4x5 for  $\frac{1}{4}$  Cor.

80.90 The Cor. to Sec 17, 18, 19, 20

Land selling 2<sup>d</sup> rate

Reg. Buffalo Sand grass

N. between Sec 17, 18

N.  $15^{\circ}45' E$

40.00 Let Stone 17x6x7 for  $\frac{1}{4}$  Cor.

80.00 Let Stone 19x8x6 for Cor. to

Sec 17, 18, 19, 20

Land selling 2<sup>d</sup> rate

Reg. Buffalo Sand grass

July 7, 1871

From a random line

between Sec 8, 17

N.  $14^{\circ}30' E$

40.00 Let temporary  $\frac{1}{4}$  Cor

80.00 Intersect N.W. line 13 lks S

of Cor. from which Cor. In.

S.  $89^{\circ}54' W$

P. 15. S. R. 64.00

on a true line

40.05 Let point in mound for 1/4 Cor

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

Land meeting 2<sup>nd</sup> rate  
Veg. Buffalo grass & cactus

N. on a random line  
between Sec 7. 18

N. 14° 30' E

40.00 Let temporary 1/4 Cor

81.20 Intersect of Sec 7. 18. 19. 20  
E. 1/4 of Cor.

from which Cor. 2<sup>nd</sup> rate

N. 89° 57' E

on a true line

44.20 Let point in mound for 1/4 Cor

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

Land meeting 2<sup>nd</sup> rate  
Veg. Buffalograss  
Sodgrass & cactus

P. 15. S. R. 64.00

N. between Sec 7. 8

N. 15° 45' E

40.00 Let Stone 16x15x7 for 1/4 Cor

80.00 Let Stone 22x2x9 for Cor  
to Sec 5. 6. 7. 8

Land meeting 2<sup>nd</sup> rate  
Veg. Buffalo & Sand grass

E. on a random line  
between Sec 5. 8

N. 14° 30' E

40.00 Let temporary 1/4 Cor

80.14 Intersect N. 20. line 1/4 E. S.  
of Sec. from which Cor. 2<sup>nd</sup> rate  
S. 89° 54' 00

on a true line

40.07 Let point in mound for 1/4 Cor

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

Land meeting 3<sup>rd</sup> rate  
Veg. Buffalo & Sand grass  
Sodgrass & cactus

S. 15. S. R. 64. 28

W. m. a random line  
between Sec 6 & 7

N. 14° 30' E

41.00 Set temporary 1/4 Cor

81.40 Intersect S. line of Mer. 7<sup>th</sup> N. of Cor.

from which Cor form  
N. 89° 54' E.

on a true line

41.150 Set for iron corner for 1/4 Cor

81.40 The Cor. to Sec 5, 6, 7, 8

Land broken 3<sup>rd</sup> rate  
Veg. Buffalo grass

W. m. a random line  
between Sec 5 & 6

N. 14° 30' E

41.00 Set temporary 1/4 Cor

81.28 Intersect N. line of S. 7<sup>th</sup>

24 lks N. of Cor

S. 15. S. R. 64. 28

S. 1° 10' 28"

on a true line

40.28 Set Stone 16 x 14 x 6 for 1/4 Cor

80.28 The Cor. to Sec 5, 6, 7, 8

Land broken 3<sup>rd</sup> rate  
Veg. Buffalo grass. Some  
weed & a few lone trees  
in ravines.

July 8, 1871.

General Description  
The quality of land in this Tp  
is 2<sup>nd</sup> & 3<sup>rd</sup> rate. The Southern  
& Eastern part affords good  
grazing, the balance broken  
heavily & grass poor.

There are a few cottonwood  
in Sec 6. and a few Sweet  
Pine trees in Sec 5, 6, 7



## Field Notes

of Survey of Subdivision lines  
 of Tp. 16. S. R. 64. W. of  
 the 6th Prin. Mer. in the  
 Ter. of Colorado by  
 Wm A. Christian

Dep. Sur.

under his Contract of Aug 7/71

Survey begun Aug 31/71

Completed Sep 6. 71



Township 16 S. R. 64 W.

|     |     |     |     |     |     |    |     |    |     |    |
|-----|-----|-----|-----|-----|-----|----|-----|----|-----|----|
| 6   | 322 | 5   | 315 | 4   | 309 | 3  | 304 | 2  | 298 | 1  |
| 321 | 320 | 314 | 309 | 303 | 297 |    |     |    |     |    |
| 7   | 320 | 8   | 314 | 9   | 308 | 10 | 303 | 11 | 297 | 12 |
| 319 | 319 | 313 | 308 | 302 | 296 |    |     |    |     |    |
| 18  | 318 | 17  | 313 | 16  | 307 | 15 | 302 | 14 | 296 | 13 |
| 318 | 317 | 312 | 307 | 301 | 295 |    |     |    |     |    |
| 19  | 317 | 20  | 312 | 21  | 306 | 22 | 301 | 23 | 295 | 24 |
| 317 | 317 | 311 | 306 | 300 | 294 |    |     |    |     |    |
| 30  | 317 | 29  | 311 | 28  | 305 | 27 | 300 | 26 | 294 | 25 |
| 316 | 316 | 310 | 305 | 299 | 293 |    |     |    |     |    |
| 31  | 315 | 32  | 310 | 33  | 304 | 34 | 299 | 35 | 293 | 36 |

T. 16. S. R. 64 W.

My compass being in  
proper adjustment I begin  
on the S. boundary of the  
Tp. at the Co to Sec 35 & 36  
then

N. between Sec 35 & 36  
Va 14° 30' E

40.00 Let Stone 18x16x14 for 1/4 Bu

42.00 Ravine same S.E

80.00 Let Stone 23x12x8 for Co  
to Co 25, 26, 35, 36

Land Booked 2 & note  
Vaz. Drain Pouch gne

E. on a random line  
between Sec 25 & 36  
Va 14° 45' E

1860 Ravine same S

40.00 Let temporary 1/4 Bu

80.20 Structure C. line of Tp  
18 Elk S. A Co

T. 16. S. R. 64. 00

89.30 Intersect C. line of 170 1/2 ft  
S. of bar. from orch. bar. 2000  
N. 89° 50' 00"

on a true line

44.15 Set post in mound for 1/4 bar

80.30 The bar to be 1.2.11.12

Land broken 2<sup>nd</sup> state  
Veg. Prairie & brush grassN. on a true line  
between be 1 & 2  
N. 14° 30' E

44.00 Prairie. bar. S.E.

44.00 Set post in mound for 1/4 bar

81.71 Intersect 3<sup>rd</sup> boundary line  
S. 98 ft N. of stand barSet post on ground with  
chain & state for bar. bar.Land broken 2<sup>nd</sup> & 3<sup>rd</sup> state  
Veg. Prairie & brush grass

T. 16. S. R. 64. 00

N. between be 34, 35  
N. 14° 30' E

44.00 Set post in mound for 1/4 bar

80.00 Set stone 20 x 18 x 8 for bar to  
be 26.27.34, 35Land broken 3<sup>rd</sup> stateC. on a mound line  
between be 26, 35  
N. 14° 45' E

44.00 Set temporary 1/4 bar

80.12 Intersect N.W. line 18 ft N.  
of bar. from orch. bar. 2000  
N. 89° 52' 00"

on a true line

44.06 Set post in mound for 1/4 bar

80.12 The bar. to be 26.27.34, 35

Land broken 3<sup>rd</sup> stateVeg. prairie & brush grass  
Sep. 1. 1871

T. 16. S. R. 64. 08

N. on a true line  
between loc 2 & 3

Ta 14° 30' E

40.00 Set Stone 19x13x4 for 1/4 loc

81.40 Intersect 3<sup>rd</sup> Cor. line S. 83

th. W. of Stand. loc 1

Set Stone 28x16x8 for 1/4 loc

Land welling 2<sup>nd</sup> cut

Veg. Brush &amp; Prairie grass

In Sand

Sept 2. 1871

N. between loc 33. 34

Ta 14° 30' E

32.10 Prairie Curve S. E

40.00 Set Stone 18x10x2 for 1/4 loc

80.00 Set Stone 20x14x17 for loc

to loc 27. 28. 33. 34

Land broken 2<sup>nd</sup> cut

T. 16. S. R. 64. 08

E. on a random line  
between loc 27. 34

Ta 14° 45' E

11.06 Prairie Curve S.

40.00 Set temporary 1/4 loc

80.16 Intersect N. S. line 17th S.

1/4 loc. from north loc 20

S. 89° 50' W

on a true line

40.08 Set Stone 13x12x6 for 1/4 loc

80.16 The loc. to loc 27. 28. 33. 34

Land broken 3<sup>rd</sup> cut

Veg. Brush &amp; Prairie grass

N. between loc 27. 28

Ta 14° 30' E

40.00 Set Stone 18x18x2 for 1/4 loc

80.00 Set Stone 22x22x6 for loc to

loc 21. 22. 27. 28

Land broken 3<sup>rd</sup> cut

308

D. 16. S. R. 6400

E. on a random line  
between loc 10, 11 & 15

Va 14' 45" E

44.00 Let temporary 1/4 ba  
80.03 Intersect N. S. line 12 1/4 S  
of ba. from which ba. down  
S. 89° 55' 00"

on a true line

44.01 Let post in mound for 1/4 ba  
80.03 The ba to be 9, 10, 15, 116  
Land rolling 2<sup>nd</sup> rate

N. between loc 9, 10

Va 14' 30" E

44.00 Let stone 16 x 9 x 4 for 1/4 ba  
80.00 Let stone 24 x 12 x 10 for ba  
to be 3, 4, 9, 10

Land rolling 2<sup>nd</sup> rate  
No. 1 much 1<sup>st</sup> main grass

309

D. 16. S. R. 6400

E. on a random line  
between loc 3 & 10

Va 14' 45" E

44.00 Let temporary 1/4 ba  
79.89 Intersect N. S. line 29 1/4  
S. of ba from which ba. down  
S. 89° 48' 00"

on a true line

39.94 Let post in mound for 1/4 ba  
79.89 The ba to be 3, 4, 9, 115  
Land rolling 2<sup>nd</sup> rate

N. on a true line  
between loc 3, 4

Va 14' 30" E

44.00 Let post in mound for 1/4 ba  
81.79 Intersect 3. Correction line  
S. 65 E. N. of stand. ba  
and set post in mound for  
blowing. ba

Land rolling 2<sup>nd</sup> rate Sep. 3/71

314

T. 16. S. R. 64. W

N. between loc 8 &amp; 9

(Va 14° 30' E)

44.1111 Let Stone 17x16x6 ft 1/4 bu

80.00 Let granite bl. 20x10x6

for Cu to loc 4. 5. 8 &amp; 9

Land calling 2<sup>nd</sup> route

Veg. Prairie &amp; brush grass

E. on a random line  
between loc 4 & 9

(Va 14° 45' E)

44.111 Let temporary 1/4 bu

80.04 Intersect N. &amp; S. line 17 1/4

N. of bu. from which Cu came

N. 89° 53' W.

on a true line

44.02 Let Stone 22x12x8 ft 1/4 bu

80.04 The Cu to loc 4. 5. 8 &amp; 9

Land calling 2<sup>nd</sup> route

315

T. 16. S. R. 64. W

N. on a true line  
between loc 4 & 5

(Va 14° 30' E)

44.111 Let Stone 16x8x8 ft 1/4 bu

81.58 Intersect N. line on 3<sup>rd</sup>

direction line S. 78 1/4

W. of stand. Cu &amp; at

Stone 30x18x4 for bl. Cu

Land calling 2<sup>nd</sup> route

Veg. Prairie &amp; brush grass

Left 4/18/87

N. between loc 31, 32

(Va 14° 30' E)

44.124 Let Stone 16x11x5 ft 1/4 bu

80.00 Let Stone 20x12x10 ft 1/4 bu

to loc 29. 30. 31, 32

Land calling 2<sup>nd</sup> route

Veg. Prairie &amp; brush grass

T. 16. S. R. 64. W  
 N. between 60 51 6  
 N 14° 30' E

40.00 Set post in main pipe  
 81.66 Intersect 3<sup>rd</sup> borehole  
 Line S. 46 1/4. N. of  
 stand. bar. and set  
 line 23 x 8 x 3 for  
 closing bar.  
 Land rolling 2<sup>nd</sup> rate  
 Reg. Brush & Buffalo  
 grass, quack moss  
 & Sage brush  
 Soil sandy  
 Sep 6, 1871

72

T. 16. S. R. 64. W  
 General Description

The surface of this Tp  
 is rolling & broken.  
 Soil 2<sup>nd</sup> & 3<sup>rd</sup> rate  
 The grass is good,  
 but little water is  
 to be found



Diff. S. R. 69. 70  
General Description

The surface of this Gp  
is rolling, the Eastern  
portion being somewhat  
broken by canyons.

The grass is good.  
but there is no water

463

We hereby certify that we assisted  
William A. Christian Deputy Surveyor  
you in surveying the Subdivision  
line of Tps. 13, 14 & 15. S. R. 63, 64 or  
Tps. 12 & 16. S. R. 63. or Tps. 16 & 17 S. R. 64  
T. 12 S. R. 62. Tps. 11. S. R. 60 & 61. or

and that said Tps. have been in  
all respects to the best of our knowl-  
edge and belief well and faithfully  
surveyed and the boundary monuments  
planted according to the instructions  
furnished by the Surveyor General.

J. J. Howard }  
Marcel. Vigil } Chairman  
J. Mario Montano }  
bueno Curo } Hagman

Subscribed and sworn to by the  
above named persons before me  
a Justice of the Peace for the  
County of Pueblo in the Territory  
of Colorado this 14<sup>th</sup> day of  
Oct 1871

E. M. Hepburn  
Probate Judge & ex officio J. P.

J. William A. Christian deputy  
surveyor do solemnly swear that  
in pursuance of a contract with  
H. W. Leasing, Surveyor of the  
Public lands of the United  
States in the Territory of Colorado  
bearing date the 14<sup>th</sup> day of  
June 7 and in strict conformity  
to the laws of the United States  
and the instructions furnished by  
the said Surveyor General, I  
have faithfully surveyed the  
subdivisional lines of Tps.  
13, 14, 15, S. Rs 63, 64, N. Tp 12, 16  
S. R. 63, N. Tp 16-17, R. 64, N  
Tp 12, S. R. 62, N. Tp 11, S. R. 60, 61, 62  
in the Territory aforesaid and do  
further solemnly swear that the  
foregoing are true and original  
notes of such surveys.

Subscribed by the said Mr.  
 A Christian Deputy Surveyor and  
 sworn to before me a Justice of  
 the Peace for the County of Pueblo  
 in the Territory of Colorado  
 the 14<sup>th</sup> day of Oct 1871

G. W. Hepburn Sec  
 Probate Judge & Co. Officer of P

Surveyor General's Office  
 (Dec 23 Dec 23. 1871)

The foregoing field notes  
 of survey of Sub. Lines of  
 Tps 13, 14, 15, S. R. 63, 64, W  
 Tp 12, 16, S. R. 63, W. Tps  
 16 & 17, S. R. 64, W. Tps  
 12, S. R. 62, W. Tps 11, S.  
 R. 60 & 61, W. located  
 by Wm A. Christian. Dep  
 Sur. under his contract  
 of Aug 14, 1871, having  
 been critically examined  
 the necessary corrections & re-  
 adjustments made. The said  
 field notes & the surveying  
 records are hereby approved

Surveyor General  
 Colorado

E 32  
S- 15  
N 32

Book 8

# Field Notes

of Survey of Exterior Lines  
of Tr. 11. S. R. 57. 58. 59. 60. 61.  
of Tr. 12. 13. 14. 15. S. Range  
57. 58. 59. 60. 61. 62. of Tr. 16.  
17. S. R. 59. 60. 61. 62.  
63. 64. of Tr. 18. 19. S. R. 59.  
60. 61. 62. 63. Tr. 20  
S. R. 59. 60. 61. 62.  
of the 6<sup>th</sup> Jan. Mer. in Cal. Sec.  
by Jacob. H. Martz  
as Surveyor  
under Contract of June 14. 1871  
Survey begun July 2. 1871  
Completed Sept. 17. 1871

N. boundary T. 16. S. R. 63 W.

N. between Sec 1 & 6

N. 14° 45' E

44.011 Set post in corner of northward  
State for 1/4 Sec 6

45.110 Dry Creek. corner S. E.

79.98 Intersect 3<sup>d</sup> correction line  
S. 90 E. N. of stand. Cor  
and set Granite St. 30 x

24 x 8 for bloring Cor. to

Tp. 16. S. R. 63 & 64 W

Land broken 3<sup>d</sup> rate

Veg. Prairie, Sand grass

Soap weed cactus Sage

July 7. 1875

Having established the Cor

to Tps 16 & 17. S. R. 63 & 64

N. I return to temporary

Cor. on random line between

Tp. 16 & 17. S. R. 63. W. and

return N. E.

N. boundary T. 17. S. R. 63 W

and at 6 miles 2 Ch. 80 the

intersect N. line of Tp.

108 E. N. of Cor. therefore

my correction will be

18 E. S. for mile

From this Cor. I run

E. on a true line

between Sec 6 & 31

N. 14° 53' E

42.80 Set stone 16 x 12 x 4 for 1/4 Sec 6

82.80 Set sandstone 17 x 11 x 6 for Cor

to Sec 5. 6. 31, 32

Land rolling 2<sup>d</sup> rate

Veg. Prairie & Sand grass

E. between Sec 5 & 32

N. 14° 53' E

44.00 Set stone 16 x 14 x 4 for 1/4 Sec 6

87.00 Set granite St. 30 x 2 x 4 for

Cor. to Sec 4. 5. 32 & 33

Land rolling 2<sup>d</sup> rate



We hereby certify that we assistants  
 Jacob B. Matley deputy Surveyor  
 in surveyor the exterior lines of  
 Tps 11. S. R's 57. 58. 59. 60. 61. W  
 Tps 12. 13. 14. 15. S. R's 57. 58. 59  
 60. 61. 62. W. Tps 16. 17. S. R's 59. 60. 61.  
 62. 63. 64. W. Tps 18. 19. S. R's <sup>59</sup>60. 61. 62. 63  
 and Tps 20. S. R's 59. 60. 61. W. in Col. Tn  
 of the 6th Meridian

and that said Tps. have been  
 in all respects to the best of our  
 knowledge and belief well and  
 faithfully surveyed and the bound-  
 ary monuments planted according  
 to the instructions furnished by  
 the Surveyor General.

George Holton Chapman

John Lauder

James Dockett

Co Carl Bertram Helgman



10A  
Subscribed and sworn to by the  
above named persons before me  
this 19th day of Sept. 1891

Osborne Brooks Justice  
Natch State Court

260B  
J. Jacob H. Martz, Dep. Surveyor  
do solemnly swear, that in pursuance of  
a contract with Wm H. Loring 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. R. 57, 58, 59, 60, 61  
of Tps 12, 13, 14, 15, S. R. 57, 58, 59, 60, 61,  
Tps 16, 17, S. R. 59, 60, 61, 62, 63, 64  
Tps 18, 19, S. R. 59, 60, 61, 62, 63, 64  
20, S. R. 59, 60, 61, 62, of the 6th Tm  
Mer. in the Ter. of Colorado do, said  
Contract bearing date June 14, 1891,  
and said survey being in strict conform-  
ity 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  
Dep. Surveyor

Subscribed by said Jacob W Martz  
Deputy Surveyor. and sworn to before  
me this 19<sup>th</sup> day of Sept 1871

Oliver Brooks Seal  
United States Comr

Surveyor General's Office  
Denver Co. D. Oct 21. 1871

The foregoing field notes  
of Survey of T. 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. or  
of Tps 16 & 17. S. Rs 59. 60.  
61. 62. 63. & 64. or of Tps  
18 & 19. S. Rs 59. 60. 61. 62. & 63.  
or of Tps 20. S. Rs 59. 60. & 61  
of the 6<sup>th</sup> Min. Mer.  
in Colorado Per. 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

260 E

and the surveys they  
describe are hereby  
approved

Survey of General  
H. Colorado

# AA

## FIELD NOTES

OF THE SURVEY OF THE

DEPENDENT RESURVEY OF THE 3RD STANDARD PARALLEL SOUTH, THROUGH  
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 December 14, 1914

Survey completed December 16, 1914

# INDEX DIAGRAM.

3rd Standard Parallel South through Range 63 West.

Township \_\_\_\_\_, Range \_\_\_\_\_

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

## DATE REPORT

OF

## STANDARD LINES GROUP 47

Sec.31    Sec.32    Sec.33    Sec.34    Sec.35    Sec.36

12-14-14 12-14-14 12-14-14 12-14-14 12-14-14 12-14-14  
12-14-14 12-14-14 12-14-14 12-14-14 12-14-14 12-14-14

3rd Standard Parallel South through R. 63 W.

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

## Chains Dependent Resurvey of the 3rd St. Par. S., through R. 63 W.

40.20 Road bears NE. and SW.; thence along road about 4 chs. to S.

41.70 Same arroyo, course SE.

66.57 Road bears E. and S.; continue along road 29 lks. to S.

78.20 House bears N. about 10 chs. dist.

79.57 Road bears E. and S.; continue along road 15 lks. to S.

Difference bet. two measurements of 80.22 chs. by the same set of chainmen is 2 lks.; position of middle point

By 1st measurement, 80.23 chs.

By 2nd measurement, 80.21 chs.; the mean of which is

80.22 The proportionate point for standard cor. of secs. 32 and 33.

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

24 ins. in the ground for standard cor.

of secs. 32 and 33 with brass cap mkd.

dig pits 24 x 18 x 12 ins. crosswise

on each line E. and W., 3 ft. and N.

of post 7 ft. dist.; raise a mound

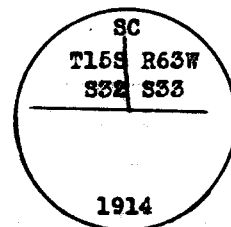
of earth 4 ft. base 2 ft. high N. of cor.

Land, gently rolling sandhills.

Soil, light fine sand, poor grade.

Vegetation, sand and bunch grass.

Land suitable for grazing.



S. 89° 51' W. on a true line on S. bdy. of sec. 32.

Over gently rolling sandhills.

Along road to S.

23.74 Fence cor. bears N. 40 lks. dist.; fences run E. and W.

Along fence to E.

25.00 Leave sandhills bear NW. and SE. Over gently rolling prairie.

33.40 Road bears N. and S.; continue along N. side of road.

36.46 Branch fence turns E.; continue along fence 35 lks. to E.

Difference bet. two measurements of 40.11 chs. by the same set of chainmen is 2 lks.; position of middle point

## Chains Dependent Resurvey of the 3rd St. Par. S., through R. 63 W.

By 1st measurement, 40.10 chs.

By 2nd measurement, 40.12 chs., the mean of which is

40.11 The proportionate point for standard  $\frac{1}{4}$  sec. cor.

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

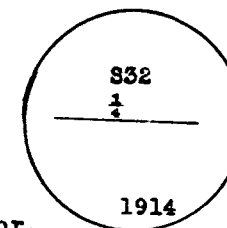
26 ins. in the ground for standard  $\frac{1}{4}$

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



44.00 Sunny Slope School House bears S., 1.50 chs. dist.

78.65 Fence to N. 55 lks. dist., turns E.

Difference bet. two measurements of 80.12 chs. by the

same set of chainmen is 2 lks.; position of middle point

By 1st measurement, 80.21 chs.

By 2nd measurement, 80.23 chs., the mean of which is

80.22 The proportionate point for standard cor. of secs. 31 and 32.

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

24 ins. in the ground for standard cor.

of secs. 31 and 32 with brass cap mkd.

dig pits 24 x 18 x 12 ins. crosswise

on each line E. and W., 3 ft. and N.

of post 7 ft. dist.; raise a mound

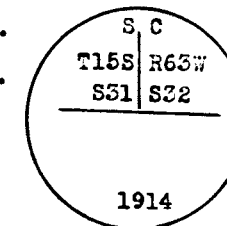
of earth 4 ft. base, 2 ft. high N. of cor.

Land, gently rolling sandhills and prairie country.

Soil, light fine sand, poor quality.

Vegetation, bunch and sand grass.

Land suitable for grazing.



S. 89° 51' W. on a true line on S. bdy. of sec. 31.

Over gently rolling prairie; along road to S.

0.08 Road bears N. and S.; continue along road 5 lks. to S.

0.32 Along fence 25 lks. to S.

7.24 House bears N., about 3 chs. dist.

12.44 Fence cor. bears E., 70 lks. dist.; fences run E. and W.

Along fence to E.



Chains Dependent Resurvey of the 3rd St. Par. S., through R. 63 W.

23.74 House bears S., about 5.50 chs. dist.

Difference bet. two measurements of 40.11 chs. by the same set of chainmen is 2 lks.; position of middle point

By 1st measurement, 40.10 chs.

By 2nd measurement, 40.12 chs., the mean of which is

40.11 The proportionate point for standard  $\frac{1}{4}$  sec. cor.

Set an iron post 3 ft. long 1 in.

diam. 26 ins. in the ground for

standard  $\frac{1}{4}$  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  $3\frac{1}{2}$  ft. base,  $1\frac{1}{2}$  ft. high N. of cor.

60.00 Along road on line.

80.20 Fence bears N. and S.; fence cor. to S., 33 lks. dist.

Difference bet. two measurements of 80.22 chs. by same set of chainmen is 2 lks.; position of middle point

By 1st measurement, 80.23 chs.

By 2nd measurement, 80.21 chs.; the mean of which is

80.22 The old standard cor. of Tps. 15 S., Rs. 63 and 64 W.

which is evidence of a small piece of a rotted stake.

In place thereof

Set an iron post 3 ft. long 3 ins.

diam. 24 ins. in the ground for

standard cor. of Tps. 15 S., Rs.

63 and 64 W. with brass cap mkd.

dig pits 30 x 24 x 12 ins. cross-

wise on each line E. and W., 4 ft. dist.;

raise a mound of earth 5 ft. base,  $2\frac{1}{2}$  ft. high N. of cor.

Note: I dig no pit E. of post as it would come in the

center of a main traveled road.

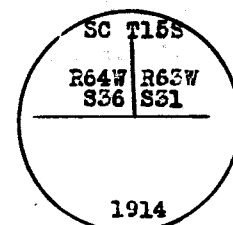
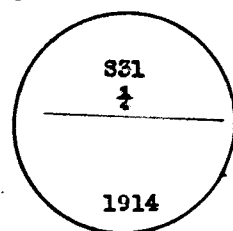
Land, gently rolling prairie.

Soil, light fine sandy loam, fair quality.

Vegetation, bunch and buffalo grass.

Land suitable for either grazing or dry farming.

Survey completed Dec. 16, 1914



Dependent Resurvey of the 3rd St. Par. S. through R. 63 W.

### General Description

For general description see Book "C"

Note: For dates of survey see date report page 1a

*W. J. H. H. H.*  
U.S. Surveyor.

### CERTIFICATE OF ASSISTANTS.

**We, the undersigned, hereby certify upon honor that we assisted, to the best of our skill and ability,**

W. J. Shapcott, U. S. Surveyor, during the periods and in the capacities  
re  
stated opposite our several signatures, in surveying all those parts or portions of the Third  
Standard Parallel South through Range 63 West.

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 direc-  
tion; 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. |                | CAPACITY.    |
|------------------------|--------------------|----------------|--------------|
|                        | BEGAN.             | ENDED.         |              |
| <i>Frank Clark R.</i>  | Nov. 17, 1914.     | Dec. 19, 1914. | H. Chairman. |
| <i>Harry L. Wilson</i> | Nov. 17, 1914.     | Dec. 19, 1914. | Flagman.     |
| <i>Becil J. Kane.</i>  | Nov. 17, 1914.     | Dec. 18, 1914. | R. Chairman. |
| <i>E. J. Dyley.</i>    | 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, surveyed all those parts or portions of the 3rd Standard Parallel South through 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 17 day of December, 1915



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

## APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Denver, Colo., Sept. 30, 1916

The foregoing field notes of the ~~Survey of~~ Dependent Resurvey of the 3rd Standard Parallel South through 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. McGowan  
U. S. Surveyor General

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

U. S. Surveyor General

319  
301

**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. Shapecott, 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 .....

|   |   |   |   |   |   |
|---|---|---|---|---|---|
| • | • | • | • | • | • |
| • | • | • | • | • | • |
| • | • | • | • | • | • |
| • | • | • | • | • | • |
| • | • | • | • | • | • |
| • | • | • | • | • | • |

# INDEX DIAGRAM EXTERIOR LINES, GROUP 47.

| 3rd Standard Parallel South |    |    |    |    |    |    |    |    |    |    |    |
|-----------------------------|----|----|----|----|----|----|----|----|----|----|----|
| 1                           | 5  | 6  |    |    |    |    |    |    |    | 1  | 6  |
| +                           |    |    |    |    |    |    |    |    |    | +  |    |
| 12                          | 5  | 7  |    |    |    |    |    |    |    | 12 | 7  |
| +                           |    |    |    |    |    |    |    |    |    | +  |    |
| 13                          | 5  | 18 |    |    |    |    |    |    |    | 13 | 18 |
| +                           |    |    |    |    |    |    |    |    |    | +  |    |
|                             |    |    |    |    |    |    |    |    |    |    |    |
| 24                          | 5  | 19 |    |    |    |    |    |    |    | 24 | 19 |
| +                           |    |    |    |    |    |    |    |    |    | +  |    |
| 25                          | 7  | 30 |    |    |    |    |    |    |    | 25 | 30 |
| +                           |    |    |    |    |    |    |    |    |    | +  |    |
| 36                          | 8  | 31 | 32 | 33 | 34 | 35 | 36 | 36 | 31 |    |    |
| +                           |    | 34 | +  | 33 | +  | 31 | +  | 31 | +  | 30 | +  |
| 1                           | 10 | 6  | 5  | 4  | 3  | 2  | 1  | 2  | 6  |    |    |
| +                           |    |    |    |    |    |    |    |    | +  |    |    |
| 12                          | 11 | 7  |    |    |    |    |    |    | 12 | 7  |    |
| +                           |    |    |    |    |    |    |    |    | +  |    |    |
| 13                          | 11 | 18 |    |    |    |    |    |    | 13 | 18 |    |
| +                           |    |    |    |    |    |    |    |    | +  |    |    |
|                             |    |    |    |    |    |    |    |    |    |    |    |
| 24                          | 13 | 19 |    |    |    |    |    |    | 24 | 19 |    |
| +                           |    |    |    |    |    |    |    |    | +  |    |    |
| 25                          | 13 | 30 |    |    |    |    |    |    | 25 | 30 |    |
| +                           |    |    |    |    |    |    |    |    | +  |    |    |
| 36                          | 15 | 31 | 32 | 33 | 34 | 35 | 36 | 35 | 31 |    |    |
| +                           |    | 17 | +  | 18 | +  | 1  | +  | 40 | +  | 21 | +  |
|                             |    | 6  |    | 5  |    | 4  |    | 3  |    | 2  |    |
|                             |    |    |    |    |    |    |    |    |    | 1  |    |

T. 16 S., R. 63 W.

T. 17 S., R. 63 W.

DATE REPORT  
OF  
EXTERIORS GP.47

3rd Standard Parallel South

|                                                       |    |    |    |    |    |    |    |
|-------------------------------------------------------|----|----|----|----|----|----|----|
| 1                                                     | 6  |    |    |    |    | 1  | 6  |
| 12                                                    | 7  |    |    |    |    | 12 | 7  |
| 13                                                    | 18 |    |    |    |    | 13 | 18 |
|                                                       |    |    |    |    |    |    |    |
| 24                                                    | 19 |    |    |    |    | 24 | 19 |
| 25                                                    | 30 |    |    |    |    | 25 | 30 |
| 36                                                    | 31 | 32 | 33 | 34 | 35 | 36 | 31 |
| 11-21-14 11-21-14 11-21-14 11-21-14 11-20-14 11-20-14 |    |    |    |    |    |    |    |
| 1                                                     | 6  | 5  | 4  | 3  | 2  | 1  | 6  |
| 12                                                    | 7  |    |    |    |    | 12 | 7  |
| 13                                                    | 18 |    |    |    |    | 13 | 18 |
|                                                       |    |    |    |    |    |    |    |
| 24                                                    | 19 |    |    |    |    | 24 | 19 |
| 25                                                    | 30 |    |    |    |    | 25 | 30 |
| 36                                                    | 31 | 32 | 33 | 34 | 35 | 36 | 31 |
| 11-19-14 11-19-14 11-19-14 11-20-14 11-20-14 11-20-14 |    |    |    |    |    |    |    |
|                                                       | 6  | 5  | 4  | 3  | 2  | 1  |    |

T.16 S., R.63 W.

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



Chains

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

Nov. 22, 1914: At 8h 00m a.m., l.m.t., I lay off the azimuth of Polaris,  $0^{\circ} 35'$  to the W. and mark the true meridian thus determined by a tack driven in the stake already set N. of my station. This point falls 0.9 ins. E. of the point defined by my p.m. solar observations of Nov. 21, 1914.

At 9h 00m a.m., a.m.t., I set off  $38^{\circ} 36'$  N. on the lat. arc;  $20^{\circ} 01'$  S. on the decl. arc and determine a meridian with the solar; the line thus defined falls 0.9 ins. E. of the meridian determined by the Polaris obsn.

The solar apparatus by p.m. and a.m. obsns. defines positions for meridians about  $0^{\circ} 47''$  W. and E. of the true meridian, I therefore conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian is  $N. 13^{\circ} 12' W.$  making the mag. decl.  $13^{\circ} 12' E.$

#### Measurement.

All measurements are made with a Lullie steel tape 5 chs. in length, which is compared at frequent intervals with a Lufkin steel tape kept as a standard and used for no other purpose. Clinometers are used to determine the slope angles and all measurements are reduced to true horizontal distances, which alone appear in these notes. No stadia measurements were made.

40.00 From old cor. of secs. 25, 30, 31 and 36 of Tps. 16 S.,  
80.00 Rs. 63 and 64 W., I run  
South, retracing the line bet. secs. 31 and 36.  
Find no trace of old  $\frac{1}{4}$  sec. cor., set temp. cor.  
Find no trace of old cor. of Tps. 16 and 17 S., Rs. 63  
and 64 W., set temp. cor.

I continue  
South, retracing the line bet. secs. 1, and 6, 11 and 12,  
13 and 18, 19 and 24, 25 and 30 and 31 and 36 on W. bdy.  
T. 17 S., R. 63 W.  
Find no trace of old cors., set temp. cors at intervals  
of 40 chs.  
480.00 Find no trace of old cor. of Tps. 17 and 18 S., Rs. 63  
and 64 W.; set temp. cor.

I continue  
South, retracing the line bet. secs. 1 and 6 on the W.  
bdy. T. 18 S., R. 63 W.  
40.00 Find no trace of old  $\frac{1}{4}$  sec. cor., set temp. cor.  
79.04 Fall 32 lks. W. of the identified position of old cor. of

Chains

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

secs. 1, 6, 7 and 12.

Note: The temporary cors. of Tps. 16 and 17 S., Rs. 63 and 64 W., and temp. cor. of Tps. 17 and 18 S., Rs. 63 and 64 W. were adjusted to their proportionate meridional positions.

From the identified position of old cor. of secs. 1, 2, 35 and 36, Tps. 17 and 18 S., R. 64 W., I run East, retracing the line bet. secs. 1 and 36, on S. bdy. T. 17 S., R. 64 W.  
40.00 Find no trace of old  $\frac{1}{4}$  sec. cor.; set temp. cor.  
81.94 Fall 4 lks. N. of adjusted temp. cor. of Tps. 17 and 18 S., Rs. 63 and 64 W.

I continue  
East, retracing the line bet. secs. 6 and 21, on S. bdy. T. 17 S., R. 63 W.  
43.10 Find no trace of old  $\frac{1}{4}$  sec. cor., set temp. cor.  
83.10 Find no trace of old cor. of secs. 5, 6, 31 and 32, set temp. cor.

I continue  
East, retracing the line bet. secs. 5 and 32, 4 and 33, 3 and 34, 2 and 35 and 1 and 36.  
Find no trace of old cors., set temp. cors. at intervals of 40 chs.  
404.18 Fall 3.61 chs. S. of identified position of old cor. of Tps. 17 and 18 S., Rs. 62 and 63 W.

From old cor. of secs. 5, 6, 31 and 32, Tps. 16 and 17 S. R. 63 W., I run West, retracing the line bet. secs. 6 and 31, on S. bdy. T. 16 S., R. 63 W.  
40.00 Find no trace of old  $\frac{1}{4}$  sec. cor., set temp. cor.  
82.84 Fall 94 lks. N. of adjusted temp. cor. of Tps. 16 and 17 S., Rs. 63 and 64 W.

I continue  
West, retracing the line bet. secs. 1 and 36 on S. bdy. T. 16 S., R. 64 W.  
40.00 Find no trace of old  $\frac{1}{4}$  sec. cor.  
80.19 Fall 1.74 chs. N. of old cor. of secs. 1, 2, 35 and 36.

From the old cor. of secs. 25, 30, 31 and 36, Tps. 16 S., Rs. 63 and 64 W., I run North, retracing the line bet. secs. 25 and 30 and 19 and 24.  
Find no trace of old cors., set temp. cors. at intervals of 40 chs.  
159.60 Fall 2.27 chs. W. of old cor. of secs. 13, 18, 19 and 24.

I continue  
North, retracing the line bet. secs. 13 and 18, 7 and 12 and 1 and 6.  
Find no trace of old cors.; set temp. cors. at intervals of 40 chs.  
239.71 Fall 7.64 chs. W. of identified position of old closing cor. of Tps. 16 S., Rs. 63 and 64 W.

I begin at the true position of closing cor. of Tps. 16 S., Rs. 63 and 64 W., as identified by old residents of this vicinity.

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

At this point

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

24 ins. in the ground for closing cor.

of Tps. 16 S., Rs. 63 and 64 W. with  
brass cap mkd.

dig pits 30 x 24 x 12 ins. crosswise  
on each line E. and W. 34 ft. and S.  
of post 8 ft. dist., raise a mound of  
earth 5 ft. base 2½ ft. high S. of cor.

The restored Standard cor. of Tps. 16 S., Rs. 63 and  
64 W., previously described in Book "AA" bears East 90  
lks. dist.

Thence I run

S. 1° 17' W. on a true line bet. secs. 1 and 6.

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

31.20 Left bank Chico Creek, 25 ft. high bears E. and SE.

Thence across dry bed of creek, course SE.

31.87 Right bank of Chico Creek, 30 ft. high bears NW. and SE.

39.95 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.

79.91 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.

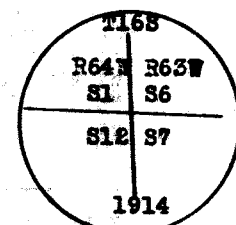
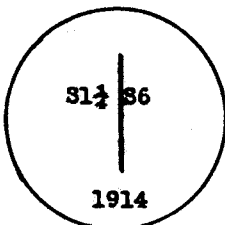
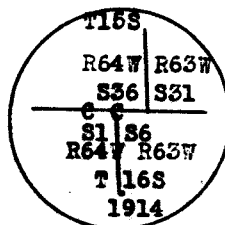
dig pits 18 x 18 x 12 ins. in each

sec. 5½ ft. dist., raise a mound of

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

Land, very gently rolling prairie.

Soil, light sandy loam, coarse texture on gravelly subsoil.



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

Vegetation, bunch and grama grasses, affording good pas-  
torage over entire mile.

S. 1° 17' W. on a true line bet. secs. 7 and 12.

Over very gently rolling prairie.

Along fence to E.

39.96 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.

66.80 Right bank of Chico Creek, 25 ft. high bears E. and W.

Thence along dry bed of creek, course W.

67.20 Left bank of Chico Creek, 25 ft. high bears E. and W.

78.81 Fence bears E. and W.; cor. to E. about 3.20 chs. dist.

Thence along fence to W., 80 lks. dist.

79.93 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, very gently rolling prairie.

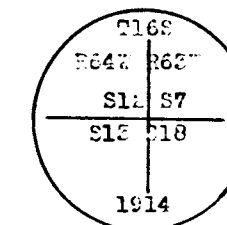
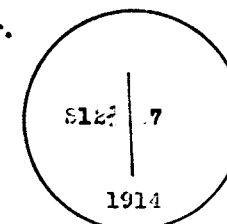
Soil, light fairly rich sandy loam, coarse texture on  
gravelly subsoil.

Vegetation, bunch, grama and buffalo grasses.

Land suitable for grazing or dry farming.

S. 1° 17' W. on a true line bet. secs. 13 and 18.

Over gently sloping grassy prairie land; along fence to  
W. which approaches line.



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        |        | Departures |                  |
|------------------------------|--------------|-------|------------------|--------|------------|------------------|
|                              |              |       | N.               | S.     | E.         | 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 bay<br>(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      |                  |
| W $\frac{1}{2}$ S.bdy.Sec.35 | N.89°52'E.   | 39.73 | 0.09             |        | 39.73      |                  |
| E $\frac{1}{2}$ S.bdy.Sec.35 | N.89°56'E.   | 39.96 | 0.05             |        | 39.96      |                  |
| E.bdy.Sec. 36                | N.89°56'E.   | 77.12 | 0.09             |        | 77.12      |                  |
| East Bdy.                    |              |       |                  |        |            |                  |
| E $\frac{1}{2}$ E.bdy.Sec. 1 | S. 0°52'E.   | 36.38 |                  | 36.38  | 0.55       |                  |
| S $\frac{1}{2}$ 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 bay.                   |              |       |                  |        |            |                  |
| 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            |
| E $\frac{1}{2}$ S.bdy.Sec.33 | S.89°06'W.   | 40.37 |                  | 0.63   |            | 40.37            |
| W $\frac{1}{2}$ S.bdy.Sec.33 | West         | 40.18 |                  |        |            | 40.18            |
| S.bdy.Sec.32                 | S.88°46'W.   | 80.66 |                  | 1.74   |            | 80.64            |
| S.bdy.Sec.31                 | S.89°21'W.   | 82.93 |                  | 0.94   |            | 82.92            |
| Convergency                  |              |       |                  |        | 0.58       |                  |
| Totals                       |              |       | 480.22           | 480.67 | 487.61     | 487.32           |
|                              |              |       |                  | 480.22 | 487.32     |                  |
|                              |              |       | Error<br>in Lat. | 0.45   | 0.29       | Error<br>in Dep. |

### General Description.

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

U. S. Surveyor.

### 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 <sup>re</sup> surveying all those parts or portions of the Boundaries  
of T. 16 S., R. 63 W. and E. 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.

[illegible]

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, <sup>re</sup> 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

SEAL

*John B. McGowan*  
U.S. Surveyor General  
for Colorado.

## APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Denver, Colo., Sept. 30, 1916

The foregoing field notes of the ~~several~~ 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. McGowan*  
U. S. Surveyor General.

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

U. S. Surveyor General.