Volume

# #

R0327

Exd HP.WB

A.

4—679.

BOOK A-327

K.J.B.

FIELD NOTES

OF THE SURVEY OF THE

South, East and North
Boundaries
of
T. 8 S. – R. 5 E.

Of the Salt Lake Base & Meridian,
State of Utah

AS SURVEYED BY

Adolphe Jessen, United States Deputy Surveyor,

Under his Contract No. 227, dated January 28th, 1899

Survey commenced June 16th, 1901

Survey completed June 23rd, 1901

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S- Bdry- Lagh		5-78-78
E- " "		6-33-00
N- " "		5-76-58
		18.28.36

BOOK A-327

NAMES AND DUTIES OF ASSISTANTS.

Chas B. McElroy } Chainmen
F R. Kingdon }
Chas. Cravens Menudman
Harry A. Rager Axeman
Harry Jessen Flagman

6—151

BOOK A-327

INDEX DIAGRAM.

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PRELIMINARY OATHS OF ASSISTANTS.

We, F. R. Kingdon and Chas. B. McElroy do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the S. E. & N. Bdy's of T. 8 S. R. 5 E. the fract. S. & N. Bdy's T. 8 S. R. 6 E. and the fract. E. Bdy of T. 7 S. R. 5 E. of the Salt Lake Base & Meridian Utah

F. R. Kingdon, Chainman.

Chas. B. McElroy, Chainman.

Subscribed and sworn to before me this 15th day of June, ~~189~~ 1901

SEAL

Wm H. Bramal
Notary Public

~~We,~~ I Chas. Cravens ~~and~~ do solemnly swear that ~~we~~ I will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given ~~us~~ me, to the best of ~~our~~ my skill and ability, in the survey of the S. E. and N. Bdy's of T. 8 S. R. 5 E., the fract. S. & N. Bdy's of T. 8 S. R. 6 E. and the fract. E. Bdy of T. 7 S. R. 5 E. of the Salt Lake Base and Meridian Utah

Chas. Cravens, Moundman.

, Moundman.

Subscribed and sworn to before me this 15th day of June, ~~189~~ 1901

SEAL

Wm H. Bramal
Notary Public

~~We,~~ I Harry A. Rager ~~and~~ do solemnly swear that ~~we~~ I will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given ~~us~~ me, to the best of ~~our~~ my skill and ability, in the survey of the S. E. & N. Bdy's of T. 8 S. R. 5 E.; the fract. S. & N. Bdy's of T. 8 S. R. 6 E. and the fract. E. Bdy. of T. 7 S. R. 5 E. of the Salt Lake Base and Meridian Utah

Harry A. Rager, Axman.

, Axman

Subscribed and sworn to before me this 15th day of June, ~~189~~ 1901

SEAL

Wm H. Bramal
Notary Public

I, Harry Jessen, do solemnly swear that I will well and trul perform the duties of flagman according to instructions given me, to the best of my skill and ability, in th survey of the S. E. & N. Bdy's of T. 8 S. R. 5 E., the fract. S. & N. Bdy's of T. 8 S. R. and the fract. E. Bdy of T. 7 S. R. 5 E. of the Salt Lake Base & Meridian Utah

Harry Jessen, Flagman.

Subscribed and sworn to before me this 15th day of June, ~~189~~ 1901

SEAL

Wm H. Bramal
Notary Public

South Boundary of T. 8 S. – R. 5 E. – S. L. Mer.

chs.

Survey commenced June 16th 1901 and executed with a W. & L. E. Gurley Light Mountain Transit which was examined, tested on the true Meridian at Salt Lake City found correct and was approved by the Surveyor General of Utah June 15th 1901

I begin at the established Cor. of Tps. 8 & 9 S. Rgs. 4 & 5 East which is a sandstone 16 x 10 x 10 ins firmly set and marked and witnessed as described by the Surveyor General. At said cor. in lat. 40°04' N. – Long. 111°27 W. I observe Polaris in accordance with instructions in the Manual and mark the line thus determined by a track driven in a wooden plug 5.00 chs. N. of cor.

Astron. l. m. t of obs. June 16th = 9 h. – 23 m.
U. C Polaris June 15th 19 h. 46.6 m
Red to June 16th 0 – 3.9 m.
19 h. 42.7 m – 19 – 42.7 –
Hour angle of Polaris = 13 h. 40.3 m
Subtract from = 23 – 56.1 –
Time argument = 10 h. 15.8 m
Azimuth of Polaris at obs. 41 m. East

June 17th 1901 – At 6:30 a.m. I turn off the azimuth of Polaris: 41 minutes, to the West and mark the true Meridian thus determined by cutting a mark on a stone firmly set in the ground west of the mark established last night – The magnetic bearing of said true Meridian is N. 16°43' W. which reduced by the table on page 100 of the Manual gives the mean magnetic declination 16°38' East.

From the Tp. cor. above described I run. see above for desc.

East on true line
bet secs. 6 & 31

3.25 Hollow 50 ft. deep drains N., heads 10 chs

South Boundary T. 8 S. R. 5 E.

chs.

S.— Gradual ascent over broken ridge spurs sloping N.—

33.00 Ridge spur 200 ft. high bears N.

38.78 Alluvium 1.22 chs for convergency of Meridians Set a sandstone 15 x 10 x 6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft high N. of cor. Pits impracticable —

46.30 Gulch 50 ft. deep drains N.

52.00 Ridge spur 100 ft high bears N

58.00 Gulch 150 ft. deep drains N.

61.00 Ridge spur 150 ft high bears N.

74.00 Gulch 100 ft. deep drains NW.

78.78 Set a limestone 16 x 12 x 8 ins. 11 ins. in the ground for cor. to secs. 5. 6. 31 & 32 marked 5 scribes on E. and 1 on W. edges and raised a mound of stone 2 ft. base 1½ ft high W. of cor.—

Pits impracticable

A cedar 14 ins. diam. bears N. 6° 40' E. 25 lks. dist. marked T. 8 S. R. 5 E. S. 32 B.T.

A cedar 12 ins. diam. bears N. 29° W. 30 lks. dist. marked T. 8 S. R. 5 E. S. 31 B.T.

A cedar 12 ins. diam. bears S. 39° 15' W. 25 lks. dist. marked T. 9 S. R. 5 E. S. 6 B.T.

Land high mountains

Soil 3rd rate, rocky.

Oak brush and scattering cedars

Mountainous on 78.78 chs

East on a true line bet. secs. 5 & 32

10.00 Ridge 250 ft. high bears N. & S.

16.00 Hollow 50 ft deep drains N.

30.00 Ridge 200 ft high bears N. & S.

40.00 Set a limestone 18 x 16 x 4 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. — Pits impracticable

South Boundary of T. 8 S. R. 5 E.

chs.	
70.00	Cañon 150 ft. deep drains N.
80.00	Set a limestone 14 x 10 x 4 ins. 9 ins. in the ground for cor. to secs. 4. 5. 32 x 33 marked 4 notches on E. and 2 on W. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Land high Mountains Soil 3rd rate, rocky Brush oak brush on 80.00 chs. Mountainous on 80.00 chs

East on a true line bet. secs. 4 x 33

7.00	Hollow 75 ft. deep drains NW.
20.00	Ridge 150 ft. high bears NW. x SE.
40.00	Set a limestone 18 x 12 x 6 ins. 12 ins. in the ground for ¼ sec. cor. marked ¼ on N. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable
56.00	Hollow, near its head, bears NW.
80.00	Set a conglomerate stone 18 x 8 x 8 ins. 12 ins. in the ground for cor. to secs. 3. 4. 33 x 34 marked 3 notches on E. & W. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Land high mountains Soil 3rd rate rocky Brush oak brush on 80.00 chs. Mountainous on 80.00 chs.

June 17th 1901

East on a true line bet secs. 3 x 34

5.00	Ridge 1200 ft. high bears N. & S.
35.00	Cañon 800 ft. deep drains N.

South Boundary of T. 8 S. R. 5 E.

chs.	
40.00	Set a conglomerate stone 19 x 10 x 6 ins. 13 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable
65.00	Ridge 900 ft. high bears N. & S. — Descend over broken conglomerate cliffs
80.00	Set a sandstone 20 x 10 x 5 ins. 15 ins. in the ground for cor. to secs. 2. 3. 34 & 35 marked 2 notches on E. and 4 on W. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable. Land high precipitous Mountains Soil 4th rate, very rocky. Oak brush on 80.00 chs. Mountainous on 80.00 chs

East on a true line bet secs. 2 & 35

Descend precipitous E. slope

28.00 Second water Creek 5 lks. wide 4 ins. deep runs N. in rocky Canon 200 ft. deep — Ascend very broken S. W. slope

40.00 Set a limestone 18 x 12 x 8 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft base 1½ ft. high N. of cor Pits impracticable

78.00 Ridge spur 250 ft. high bears S.

80.00 Set a limestone 18 x 12 x 8 ins. 12 ins. in the ground for cor. to secs. 1. 2. 35 & 36 marked 1 notch on E. and 5 on W. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable

A cedar 8 ins. diam. bears N. 52° W. 25 lks. dist marked T. 8 S. R. 5 E. S. 35 B. T.

A cedar 9 ins. diam bears S. 46° 45' W. 10 lks. dist. marked T. 9 S. R. 5 E. S. 2 B. T.

Land high precipitous Mountains

South Boundary of T. 8 S. R. 5 E.

chs. Soil 3rd rate, rocky.
A few scattering cedars — Oak brush on 80.00 chs.
Mountainous on 80.00 chs

East on the line bet. secs. 1 & 36

16.00 Hollow drains S.
40.00 Set a limestone 16 x 10 x 8 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
Pits impracticable
59.00 Ridge 1000 ft. high bears NW. & SE.
75.00 Hollow 50 ft. deep drains N.W.
80.00 Set a limestone 28 x 10 x 10 ins. 21 ins. in the ground for cor. to Tps. 8 & 9 S. Rgs. 5 & 6 E. marked 8 S. on N.E.; 6 E. on S.E.; 9 S. on S.W. and 5 E. on N.W. faces with 6 notches on each edge and raised a mound of stone 2 ft. base 1½ ft. high S. of cor. — Pits impracticable
Land high mountainous
Soil 3rd rate, rocky
Oak brush on 80.00 chs.
Mountainous on 80.00 chs

June 18th 1901

For general description see end of field notes of the Subdivision lines of this Tp.

Adolphus Jensen
U. S. Dep Surveyor

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East Boundary of T. 8 S. R. 5 E.

chs.

Survey commenced June 18th 1901

At the cor. to Tps. 8 & 9 S. Rgs. 5 & 6 East established in this survey in Lat. 40°04' N. Long. 111°20' W. I observe Polaris in accordance with instructions in the Manual and mark the line thus determined by a tack driven in a wooden plug 5.00 chs. N. of cor.

Astron. l. m. time of obs. June 18th		9 h. 36 m
U. C. Polaris June 15th	19 h. 46.6 m	
Red to June 18th	0 " 11.8 "	
	19 h 34.8 equiv. =	19 " 34.8 "
Hour angle of Polaris		14 h 01.2 min
Subtract from		23 " 56 "
Time argument		9 h. 54.8 m
Azimuth of Polaris at obs.		0°48' East

June 19th 1901 – At 6:30 A.M. I turn off the azimuth of Polaris 0°48' to the West and mark the true Meridian thus determined by cutting a mark on a stone firmly set in the ground west of the mark established last night – The magnetic bearing of said true Meridian is N. 16°43' W. which reduced by the table on page 100 of the Manual gives the Mean magnetic declination 16°38' East.

From the Tp. cor. above designated I run

North bet. secs. 31 & 36

12.50 Hollow 100 ft. deep drains N.W.
21.00 Ridge Spur 150 ft. high bears N.W.
35.00 Hollow 100 ft. deep drains N.W.
40.00 Set a limestone 20 x 12 x 10 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable

East Boundary of T. 5 S. R. 5 E.

chs.	
47.00	Ridge 300 ft. high bears N.W. & S.E. Second
80.00	Set a sandstone 28 x 10 x 5 ins. 21 ins. in the ground for cor. to secs. 25. 30. 31 & 36 marked 5 notches on N. and 1 on E. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
	Land high Mountains
	Soil 3rd rate, rocky
	Oak brush on 80.00 chs.
	Mountainous on 80.00 chs.

North, bet. secs. 25 & 30

1.00	Thirdwater Creek 6 lks. wide 6 ins. deep, runs N. 60 W. in gulch
3.50	Fifthwater Creek 10 lks. wide 12 ins. deep runs S. 60 W. in gulch and absorbs Thirdwater Creek 3 chs. west of line — Ascend broken E. slope in oak brush and scattering cedars
37.50	Enter Summit of ridge spur, bears N. 10° E. at E. point of same
40.00	Set a limestone 20 x 16 x 8 ins. 15 ins. in the ground for ¼ sec. cor. marked ¼ on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
	Continue ascent on W. side of ridge summit
79.50	Summit of Main Ridge, 700 ft. above Creek bears N. 70° E. & S. 70° W.
80.00	Set a limestone 24 x 10 x 16 ins. 18 ins. in the ground for cor. to secs. 19. 24. 25 & 30 marked 4 notches on W. and 2 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
	Land high mountains
	Soil 3rd rate, rocky
	Scattering cedars and oakbrush on 80.00 chs.
	Mountainous on 80.00 chs

East Boundary of T. 8 S. R. 5 E.

chs	
	North bet. secs. 19 & 24
	Descend on N. slope gradually changing to very steep and broken W. slope
40.00	Set a sandstone 18 x 10 x 4 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable
54.00	Hollow 150 ft. deep drains W.
67.00	Ridge Spur 250 ft. high bears W.
80.00	Set a sandstone 26 x 9 x 3 ins. 19 ins. in the ground for cor. to secs. 13. 18. 19 & 24 marked 3 notches on N. and S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Land high Mountains Soil 3rd rate, rocky Oak brush on 80.00 chs. Mountainous on 80.00 chs.
	June 19th 1901

	North bet. secs. 13 & 18.
4.00	Ridge Spur 50 ft. high bears SW.
16.50	Hollow 150 ft. deep drains W.
40.00	Set a sandstone 24 x 9 x 4 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor— Pits impracticable
43.50	Ridge Spur 75 ft. high bears W.
47.50	Hollow 50 ft. deep drains W.
60.00	Ridge Spur 300 ft. high bears SW.
75.00	Spring Branch 3 lks. wide 3 ins. deep runs SW. in gulch 75 ft. deep.
80.00	Set a limestone 20 x 10 x 4 ins. 15 ins. in the ground for cor. to secs. 7. 12. 13 & 18 marked 2 notches on N. and 4 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.

East Boundary of T. 8 S. R. 5 E.

chs.	Pits impracticable
	Land high Mountains
	Soil 3rd rate, rocky
	Oak brush on 80.00 chs
	Mountainous on 80.00 chs

North bet. secs. 7 & 12

4.00	Ridge spur 100 ft. high bears S.W.
20.00	Fishwater Creek 10 lks. wide 6 ins. deep runs S. 20° W. in canon 200 ft. deep — Ascend broken E. slope
40.00	Set a sandstone 18 x 12 x 5 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
64.00	Gulch 50 ft. deep drains E.
80.00	Set a limestone 14 x 8 x 5 ins. 9 ins. in the ground for cor. to secs. 1. 6. 7 & 12 marked 1 notch on N. and 5 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
	Land high Mountains
	Soil 3rd rate, rocky
	Oak brush on 80.00 chs
	Mountainous on 80.00 chs

North bet. secs. 1 & 6

	Along steep E. slope in dense oak brush
11.00	Ridge spur 75 ft. high bears E.
30.00	Hollow 75 ft. deep drains E.
40.00	Set a sandstone 14 x 8 x 6 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
52.00	Ridge 200 ft. high bears N.E. & S.W.

See page 33 this book

East Boundary T. 8 S. R. 5 E.

Chs. 88.00	Spring Branch 2 lks. wide 4 ins. deep flows S.W. in bottom of hollow
90.00	Wagon road bears N.E. & S.W.
	114.33 chs. being the length of the W. Bdy. of this Tp, as pr. notes furnished me by the Surveyor General, I here set a temporary cor. to Tps. 7 & 8 S. Rgs. 5 & 6 E.
	Note:
113.00	The permanent cor. to Tps. 7 & 8 S. Rgs. 5 & 6 E. was established at 113.00 chs. for description of same see field notes of the N. Bdy. of this Tp.
	Land high mountains Soil 3rd rate, rocky. Oak brush and a few scattering cedars Mountainous on 113.00 chs
	June 20th 1901

For general description see end of the field notes of the Subdivisions of this Tp.

Adolph Jessen
U. S. Dep. Surveyor

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PAGE

North Boundary of T. 8 S. R. 5 E.

chs.

Survey commenced June 21st 1901

From the temporary cor. to Tps. 7 & 8 S. Rgs. 5 & 6 E. established in this survey I run

West on a random line along the N. Bdy. of T. 8 S. R. 5 E. setting temporary 1/4 sec. and sec. cor's at intervals of 40 chs. — At 180 chs encounter Red Bluff Canyon where chaining on the line becomes impracticable on account of cliffs thereon I offset 20.00 chs. to the North and continue my random West on offset line 60.00 chs. thence run South 20.00 chs to a point on the original random line 240 chs. from place of beginning; thence continue said random line to 476.58 chs. to a point 1.33 chs. N. of the established cor. to Tps. 7 & 8 S. Rgs. 4 & 5 E. which is a quartzite stone 16 x 12 x 8 ins. set, marked and witnessed as described by the Surveyor General —

Abandoning my random line as per special instructions I begin at said cor. to Tps. 7 & 8 S. Rgs. 4 & 5 E. and run

East on a true line
bet. secs. 6 & 31

Along N. slope in dense oak brush

3.00 Foot Divide between Hobble Creek and Vanrhodes Basin bears N. 10° E. and S. 10° W.

7.00 Descend steep E. slope towards Vanrhodes basin.

28.00 Slope moderates and brush not so dense, run along broken S. slope.

33.25 Spring branch 2 lks. wide 4 ins. deep flows S. in Wash 30 lks. wide 5 ft. deep — Enter scattering aspen

36.58 Set a sandstone 18 x 12 x 5 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which

An aspen 5 ins. diam. bears S. 7° W. 15 lks. dist marked 1/4 S. 6 B. T.

North Boundary of T. 8 S. R. 5 E.

chs.	
	An aspen 5 ins. diam. bears N. 5° W. 45 lks. dist. marked ¼ S. 31 B.T.
43.00	Some scattering aspen
53.00	Gulch drains S.
61.00	Gulch drains S.
72.00	Gulch drains S.
76.55	Set a sandstone 21×12×6 ins. 15 ins. in the ground for cor. to secs. 5. 6. 31 & 32 marked 5 notches on E. and 1 on W. edges and mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
	Land high Mountains
	Soil 3rd rate, rocky
	Timber oak brush and a few scattering aspen
	Mountainous on 76.55 chs

East on a true line
bet. secs. 5 & 32

28.00	Broad ridge spur bears S.W.
40.00	Set a sandstone 14×6×6 ins. 9 ins. in the ground for ¼ sec. cor. marked ¼ on N. face from which
	A maple 7 ins. diam. bears N. 13° 30' W. 19 lks. dist. marked ¼ S. 32 B.T.
	An oak 2 ins. diam. bears S. 32° W. 14 lks. dist. marked ¼ S. 5 B.T.
42.50	Gulch 200 ft. drains S.W. (intersection of mouth of smaller gulch heads of W.) On the large gulch are several small springs (which cannot be seen from line) the water from which usually runs but short distances before it sinks
59.00	Ridge spur 200 ft. high bears S.W.
71.00	Enter dense aspen in gulch drains S.W.
75.50	Leave aspen and gulch
80.00	In branch of willows on steep N. slope set a sandstone 18×12×6 ins. 12 ins. in the ground for cor. to secs. 4. 5. 32 & 33 marked 4 notches on E. and 2 on W. edges

North Boundary of T. 8 S. R. 5 E.

chs.

from which
An aspen 3 ins. in diam. bears S. 75° 30' W. 14 lks. dist. marked T 8 S. R. 5 E. S. 5 B.T.
An aspen 2 ins. diam. bears N. 39° 30' E. 22 lks. dist. marked T. 7 S. R. 5 E. S. 33 B.T.
A willow 3 ins. diam. bears S. 61° 30' E. 15 lks. dist. marked T. 8 S. R. 5 E. S. 4 B.T.
A willow 3 ins. diam. bears N. 58° 45' W. 10 lks. dist. marked T. 7 S. R. 5 E. S. 32 B.T.
Found high mountains
Soil 3rd rate, rocky.
Timber aspen on 4.50 chs oak brush on balance
Mountainous on 80.00 chs.

June 22nd 1901

East on a true line
bet. secs. 4 & 33.

Ascend W. slope in oak brush
40.00 Set a sandstone 16 x 8 x 8 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. pits
51.50 Divide between Wanship Basin and Diamond Fork about 10000 ft. high bears N. & S. Descend
80.00 In bottom of Red Bluff Canon (1500 ft. below divide) set a sandstone 16 x 14 x 5 ins. 11 ins. in the ground for cor. to secs. 3, 4, 33 & 34 marked 3 notches on E. & W. edges and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.
Pits impracticable
Found high mountains
Soil 3rd rate, rocky
Timber oak and aspen brush
Mountainous on 80.00 chs

See also p. 35 Bk 55 K

East on a true line
bet. secs. 3 & 34

North Boundary of T. 8 S. R. 5 E.

chs.

Note: The line now ascends the precipitous S.W. slope of Red Bluff Canon and chaining is impracticable as I offset

North 20.65 chs. to a point
thence run East on offset line 37.50 chs to a point
thence South 20.65 chs to a point on line

37.50 East of the cor. to secs. 3. 4. 33 & 34 where a very narrow ridge runs S. 1000 ft. higher than the bottom of of Red Bluff Canon. On summit of said ridge I set a sandstone 24 x 14 x 6 ins. 18 ins. in the ground for witness 1/4 sec. cor. marked 1/4 W. C. on N. face and mound of stone 2 ft. base 1½ ft. high N. of cor.
Pits impracticable —
From said witness 1/4 sec. cor. on line I again offset
North 20.65 chs to a point and thence run
East on offset line 2.50 chs to

40.00 Point 20.65 chs. N. of true cor. point for 1/4 sec. cor. bet. secs. 3 & 34 which falling in cliffs cannot be established — therefor I continue
East on offset line 20.00 chs. to a point thence
South 20.65 chs to a point on true line.

60.00 East of cor. to secs. 3. 4. 33 & 34 on E. side of very steep Canon and on the S.W. edge of a large broken Mountain locally known as Pumpkin Hill (second gradual E. slope of same)

80.00 On N. side of gulch draining S. 70° E. set a Sandstone 15 x 10 x 6 ins. 12 ins. in the ground for cor to secs. 2. 3. 34 & 35 marked 2 notches on E. & 4 on W. edges and mound of stone 2 ft base 1½ ft. high W. of cor.
Pits impracticable
Land high Mountains
Soil 3rd and 4th rate, rocky
Timber scattering cedar and a few aspen mesk oak brush
Mountainous on 80.00 chs

See page 34 this book

East on a true line
bet. secs. 2 & 35

North Boundary of T. 8 S. R. 5 E.

chs.	
	Descend in oak brush
40.00	Set a limestone 18 x 11 x 7 ins. 12 ins. in the ground for 1/4 sec. cor marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. — Pits impracticable
68.00	Gulch 50 ft. deep drains S.E.
76.50	Foot of Pumps House Hill - Enter rolling brush
80.00	Set a limestone 18 x 12 x 4 ins. 12 ins. in the ground for cor. to secs. 1. 2. 35 & 36 marked 1 notch on E. and 5 on W. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
	Land mostly high mountains
	Soil rocky, 3rd rate
	Timber, oak brush and pinon scattering aspen
	Mountainous on 80.00 chs.

East on true line bet. secs. 1 & 36

See page 3 this book

	Descend
2.00	Wagon road bears N. 10° W. & S. 10° E.
10.00	Diamond Creek 10 lks. wide 12 ins. deep flows S. in hollow 50 ft. deep.
35.00	Gulch 100 ft. deep drains S.W.
40.00	Set a sandstone 14 x 12 x 6 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor.
	Pits impracticable
65.00	Summit of broad ridge open bears S.W.
80.00	Intersect East Bdy. of Tps. — 1.33 chs. S. of temp. cor. to Tps 7 & 8 S. Rgs. 5 & 6 E. which I destroy and at point of intersection set a white limestone 16 x 12 x 9 ins. 11 ins. in the ground for permanent cor. to Tps. 7 & 8 S. Rgs. 5 & 6 E. marked 7 S. on N.E., 6 E. on S.E., 8 S. on S.W. and 5 E. on N.W. faces with 6 notches on each edge and raised a mound of stone 3 ft. base 2 ft. high S.W. of cor.

North Boundary T. 8 S. R. 5 E.

Pits impracticable
Land high mountains
Soil rocky, 3rd rate
Timber, scattering oak brush
Mountainous on 80.00 chs.

June 23rd 1901

For general description see end of field notes of the subdivision lines of this Tp.

Adolphe Jessen
U. S. Dep. Surveyor

Boundaries of T. 8 S. R. 5 E.

Latitudes, Departures and Closing Errors

Lines designated		True bearing	Distance chs.	Latitudes		Departures.	
				North chs.	South chs.	East chs.	West chs.
South	Boundary	East	478.78			478.78	
East	"	North	513.00	513.00			
North	"	West	476.58				476.58
West	"	S. 0°12' W.	112.15		112.15		.40
		South	400.00		400.00		
Convergency		West	.61				.61
				513.00	512.15	478.78	477.59
				512.15		477.59	

Error in latitude = .85

Error in departure = 1.19

Note: For notes of retracement of lines bet. secs. 1 & 6 on W. Bdy of Tp. see mile bet. secs. 5 & 6 in the subdivisional notes of this Tp. — Book "B".

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A-527

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by ..... , United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of .....

showing the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted ..... , United States Deputy Surveyor, in surveying all those parts or portions of the .....

..... of the ..... meridian, ... of ....., which are represented on the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for .....

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

Subscribed and sworn to before me this .....
day of ....., 189

SEAL

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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, ..., United States Deputy Surveyor, d
solemnly swear that, in pursuance of a contract received from .....
United States Surveyor General for ....., bearing date of th
..... day of ....., 189 , I have well, faithfully, and truly, in my o
proper person, and in strict conformity with the instructions furnished by the United States Survey
General for ....., the Manual of Surveying Instructions, and the laws of t
United States, surveyed all those parts or portions of .....
.....
.....
.....
..... of the .....
..... meridian, in the ..... of ....., which are represented in t
foregoing field notes as having been surveyed by me, and under my direction; and I do further solemn
swear that all the corners of said survey have been established and perpetuated in strict accordance wi
the Manual of Surveying Instructions, and the special written instructions of the United States Survey
General for ..... and in the specific manner described in the field notes, and t
the foregoing are the original field notes of such survey; and should any fraud be detected, I will suff
the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

.....
United States Deputy Survey

Subscribed by said ....., and sworn to before me
this ..... day of ....., 189

.....

SEAL

.....

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, July 15, 1902, 189

The foregoing field notes of the survey of the South East & North Brand of Township 8 South, Range 5 East of the Salt Lake B and Meridian, Utah

executed by Adolphe Jessen
under his contract No. 227, dated January 28, 1899, having be
critically examined, and the necessary corrections and explanations made, the said field notes, and t
surveys they describe, are hereby approved.

Edward H Anderson
United States Surveyor Ge

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.

.....
United States Surveyor Gene

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4—679.

FILED

SEP 14 1903

BOOK A-327

SEP 14 1903

FIELD NOTES

corrected

OF THE SURVEY OF THE certain parts of the

East Boundary and North Boundary

of

T. 8 S. — R. 5 E.

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Adolphe Jensen, United States Deputy Surveyor,

under his Contract No. 227, dated January 28th, 1899

Survey commenced August 17th, 1903

Survey completed August 19th, 1903

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NAMES AND DUTIES OF ASSISTANTS.

Harry C. Jessen } Chainmen
Chester O. Evans }

William N. Evans { Moundsman
Axeman

Volume
#
R0327

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BOOK A-327

INDEX DIAGRAM.

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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, Henry C. Jensen and Chester O. Evans

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the Corrected survey of a part of the East and North Boundaries of T. 8 S. R. 5 E.; part of the N. B. of T. 8 S. R. 6 E. and part of the West Bdy. of T. 7 S. R. 6 E. S. L. Mer.

Henry C. Jensen, Chainman.

Chester O. Evans, Chainman.

Subscribed and sworn to before me this 15th day of August, 1903

Wm H. Brandt
Notary Public.

SEAL

WE, William M. Evans and _____

do solemnly swear that we will well and truly perform the duties of moundman in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the Corrected survey of a part of the East & North Bdys of T. 8 S. R. 5 E.; part of the N. Bdy of T. 7 S. R. 6 E. Salt Lake Mer. R. 6 E. and part of the West Bdy of T. 7 S. R. 6 E. Salt Lake Mer.

William M. Evans, Moundman.

_____, Moundman.

Subscribed and sworn to before me this 15th day of August, 1903

Wm H. Brandt
Notary Public

SEAL

WE, I, William M. Evans and _____

do solemnly swear that we will well and truly perform the duties of axman in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the Corrected survey of a part of the E. & N. Bdy of T. 8 S. R. 5 E.; part of the N. Bdy T. 8 S. R. 6 E. and part of the W. Bdy of T. 7 S. R. 6 E. Salt Lake Meridian

William M. Evans, Axman.

_____, Axman.

Subscribed and sworn to before me this 15th day of August, 1903

Wm H. Brandt
Notary Public

SEAL

I, _____, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of _____

_____, Flagman.

Subscribed and sworn to before me this _____ day of _____, 189

_____

_____

SEAL

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Corrected Survey of part of the East Boundary T. 8 S. R. 5 E. S.L.M.

Chains

Survey commenced August 17th 1903 and executed with a W. & L. E. Gurley light mountain transit tested and found correct on the true Meridian at Salt Lake City August 15th 1903.

I begin at the cor. to Tps. 7 & 8 S. Rgs 5 & 6 East of the Salt Lake Base and Meridian, as established in my original survey in Lat. 40° 10' N., Long. 111° 20' W.; at 9 h. 46 m. astronomical time I observe Polaris at eastern elongation in accordance with instructions of the Manual and mark the line thus determined by a tack driven in a wooden plug 5 chains N. of my station.

August 17th 1903

August 18th 1903 - At 7 a. m. l. m. t. I lay off the azimuth of Polaris 1° 35' to the West and mark the true Meridian thus determined by a tack driven in a wooden plug west of the Point established last night. The magnetic bearing of said true Meridian is N. 16° 43 W. which reduced by the table on page 100 of the Manual gives the mean magnetic declination 16° 38' East

From this cor. I run

South bet. secs 1 & 6

73.00 The 1/4 sec. cor bet. secs. 1 & 6, as described in my original field notes, in place.

113.00 The cor. to secs 1. 6. 7 & 12, as described in my original field notes, in place.

No change in topography.

August 18th 1903

Corrected Survey of part of the North Boundary T. 8 S. R. 5 E.

Chains	
	Survey commenced August 18th 1903.
	From the cor. to Tps. 7 & 8 S., Rgs. 5 & 6 East I sight over the true Meridian then established, turn from it an angle of 90° to the West and run
	West bet. secs. 1 & 36
40.00	The ¼ sec. cor. bet. secs. 1 & 36, as described in my original field notes, in place.
80.00	The cor. to secs. 1. 2. 35 & 36, as described in my original field notes, in place.
	No change in topography.
	August 18th 1903.
	August 19th 1903.
	West bet. secs. 2 & 35
40.00	The ¼ sec. cor. bet. secs. 2 & 35, as described in my original field notes, in place.
80.00	Find in place the original cor. to secs 2. 3. 34 & 35 as set, namely a boulder 10x6x6 ins. above ground marked 2 notches on E. and 4 on W. edges, but from this
	An aspen 3 ins diam bears N. 55° W. 14.5 lks. blazed and scribed T. 7 S. R. 5 E. S. 34 B.T.
	An aspen 3 ins. diam. bears S. 27° W. 33 lks. blazed and scribed T. 8 S. R. 5 E. S. 3 B.T.
	An aspen 7 ins. diam. bears S. 40° 30' E. 57 lks blazed and scribed T. 8 S. R. 5 E. S. 2. B.T.
	An oak 6 ins. diam. bears N. 82° 30' E. 57.5 lks. blazed and scribed T. 7 S. R. 5 E. S. 35 B.T.
	No change in topography.
	Note: By error three bearing trees were omitted from the original field notes.

Corrected Survey of part of the North Boundary of T. 8 S. R. 5 E.

Chains	
	West bet. secs. 3 & 34.
20.00	For reasons stated in original field notes I offset North 20.65 chs. to a point thence West on offset line 20.00 chains to a point
40.00	The true cor. point for 1/4 sec. cor. bet. secs 3 & 34 falling in inaccessible cliffs was not established so I continue
	West on offset line 2.50 chs to a point thence South on offset line 20.65 chs to a point
42.50	on true line where I find a witness 1/4 sec. cor bet. secs 3 & 34 in place, as described in my original field notes.
	Thence offset North 20.65 chs to a point; thence on offset line West 37.50 chs. to a point; thence on offset line South 20.65 chs to
80.00	Find in place the original cor. to secs 3. 4. 33 & 34 as set namely a sandstone 14 x 5 x 5 ins. above ground marked 3 notches on E. & W. edges and a mound of stone 2 ft. base 1½ ft. high W. of cor., but from said cor.
	A pine 9 ins. diam bears S. 62° 45' W. 94 lks. scribed and blazed T. 8 S. R. 5 E. S. 4 B.T.
	An aspen 4 ins. diam. bears S. 33° 45 E. 37 lks. blazed and scribed T. 8 S. R. 5 E. S. 3 B.T.
	An aspen 4 ins. diam. bears N. 52° 30' W. 44 lks. blazed and scribed T. 7 S. R. 5 E. S. 33 B.T.
	No change in topography
	Note: By error these bearing trees were omitted from the original field notes.

August 19th. 1903

Adolph Jensen
U.S. Dep. Surveyor.

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Adolphe Jessen, United States Deputy Surveyor, to assist in running, measuring, and rking the lines and corners described in the foregoing field notes of the corrected survey of certain parts of the East and North Bdy's T. 8 S. R. 5 E. S.L.M. owing the respective capacities in which they acted:

For final affidavit see Book 5 Sp 7 S R 5 E

Harry C. Jessen, *Chainman.*

Chester O. Evans, *Chainman.*

, *Moundman.*

William N. Evans, *Moundman.*

, *Axman.*

William N. Evans, *Axman.*

, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted

, United States Deputy Surveyor, in surveying all se parts or portions of the

of the

meridian, of , which are represented he foregoing field notes as having been surveyed by him and under his direction; and that said survey been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the er monuments established, according to the instructions furnished by the United States Surveyor eral for

For final affidavit see Book 5 Sp 7 S R 5 E

, *Chainman.*

, *Chainman.*

, *Moundman.*

, *Moundman.*

, *Axman.*

, *Axman.*

, *Flagman.*

cribed and sworn to before me this
lay of , 189

SEAL

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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, ..., United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from ....., bearing date of the United States Surveyor General for ....., 189 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for ....., the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of .....

..... of the ..... meridian, in the ..... of ....., which are represented in the foregoing field notes as having been surveyed 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 United States Surveyor General for ..... and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

United States Deputy Surveyor.

Subscribed by said ....., and sworn to before me this ..... day of ....., 189

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL.

Salt Lake City, Utah, Sept. 9 1903.

The foregoing field notes of the survey of Corrective The East & North Boundaries of Township 8 South Range 3 East of the Salt Lake Base & Meridian Utah

executed by Adolphe Jessen under his contract No. 227, dated January 28, 1899, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the corrective surveys they describe, are hereby approved.

Edward Rudolph
United States 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.

United States Surveyor General.

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BOOK A-327

FIELD NOTES

OF THE SURVEY OF THE

Subdivision of

T. 8 S. – R. 5 E.

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Adolphe Jessen, United States Deputy Surveyor,

der his Contract No. 227, dated January 28th, 1899

rvey commenced June 24th, 1901

rvey completed July 13th, 1901

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M. Ch. Lks –
high 60 – 66 – 85 ✓
low – 1 – 06 – 15 ✓

61.73.00

Retracement W. Bdry – 1 – 32 – 15

NAMES AND DUTIES OF ASSISTANTS.

Chas. B. McElroy } Chairman
F. R. Kingdon }
Chas. Cravens Moundman
Harry A. Roger Axman
Harry Jessen Flagman

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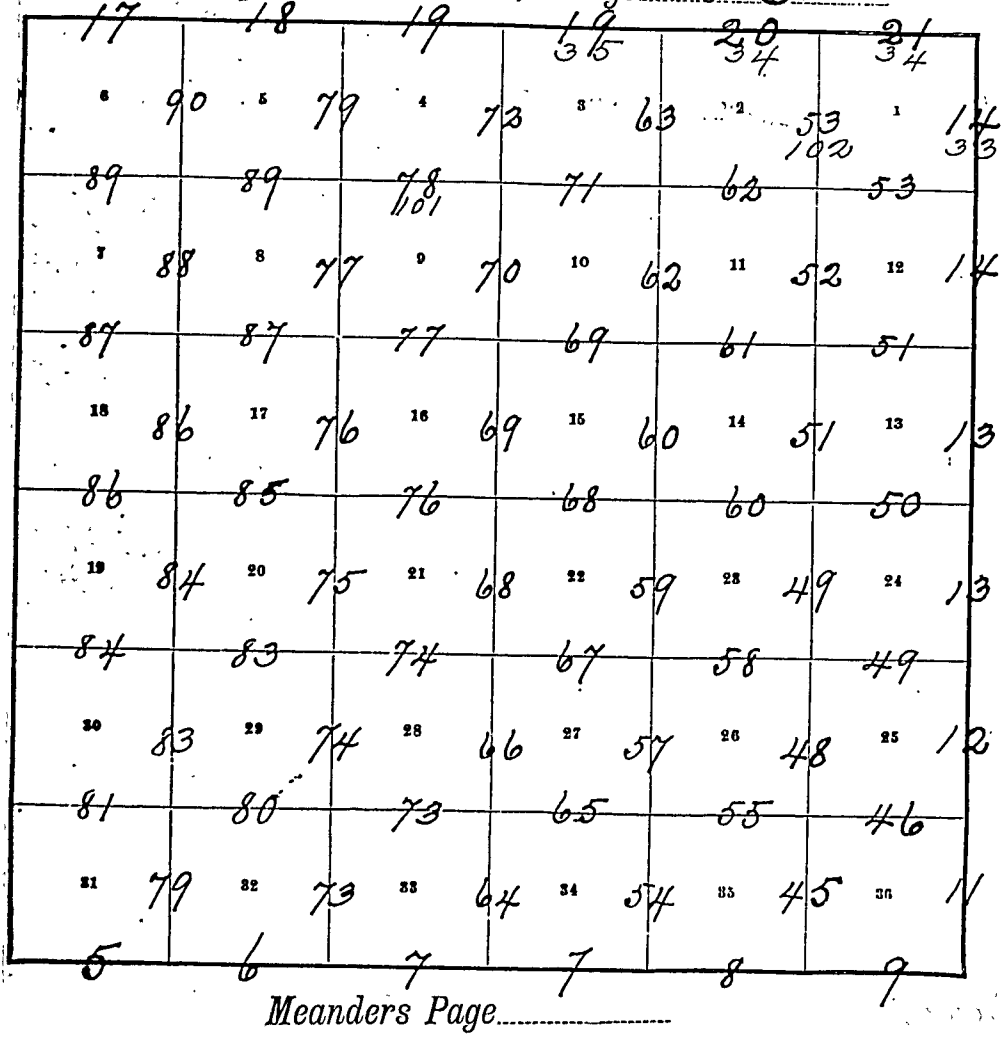
BOOK A-327

INDEX DIAGRAM.

Township 8 S., *Range* 5 E.



Meanders Page.....

BOOK A 327

PRELIMINARY OATHS OF ASSISTANTS.

WE, Chas. B. McElroy and F. R. Kingdon do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the subdivision of T.8 S. R.5 E. and the fract. subs. of T.8 S. R.6 E. and T.7 S. Rgs. 5 & 6 E. of the Salt Lake Base & Meridian Utah

Chas. B. McElroy, Chainman

F. R. Kingdon, Chainman

Subscribed and sworn to before me this 15" day of June, ~~189~~ 1901

SEAL

Wm H. Bramal
Notary Public

~~WE,~~ I Chas Cravens ~~and~~ do solemnly swear that ~~we~~ I will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given ~~us~~ me, to the best of ~~our~~ my skill and ability, in the survey of the subdivisions of T.8 S. R.5 E. and the fract. subs. of T.8 S. R.6 E. and of T.7 S. Rgs 5 & 6 E. of the Salt Lake Base & Meridian, Utah

Chas. Cravens, Moundman

, Moundman

Subscribed and sworn to before me this 15" day of June, ~~189~~ 1901

SEAL

Wm H Bramal
Notary Public

~~WE,~~ I Harry A Rager and do solemnly swear that ~~we~~ I will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given ~~us~~ me, to the best of ~~our~~ my skill and ability, in the survey of the subdivision of T.8 S. R.5 E and the fract. subs of T.8 S. R.6 E and of T.7 S. Rgs 5 & 6 E. of the Salt Lake Base & Meridian, Utah

Harry A. Rager, Axman

, Axman

Subscribed and sworn to before me this 15" day of June, ~~189~~ 1901

SEAL

Wm H Bramal
Notary Public

I, Harry Jessen, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of the subs. of T.8 S. R.5 E. and the fract. Subs of T.8 S. R.6 E. and of T.7 S. Rgs. 5 & 6 E. of the Salt Lake Base & Meridian, Utah

Harry Jessen, Flagman

Subscribed and sworn to before me this 15" day of June, ~~189~~ 1901

SEAL

Wm H Bramal
Notary Publ.

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Subdivision of T. 8 S. R. 5 E.

Chs.

Survey commenced June 24th 1901 with instrument described in Book "A"

From the cor. to secs. 1. 2. 35 & 36 on S. Bdy of Tp. established in this survey I run

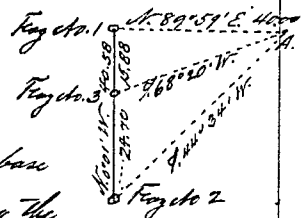
N. 0°01' W. bet. secs. 35 & 36

Ascend an very broken E. slope

37.00 Main ridge about 1000 ft. high bears N. 70° W. & S. 70° E.
Gradual descent

40.00 Set a limestone 16 x 8 x 5 ins. 11 ins. in the ground for 1/4 sec. cor., marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
Pits impracticable

60.00 Descent is getting so precipitous as to render chaining impracticable. The ground reached does not afford a satisfactory base, thereon I place "flag sta 1" N. 0°01' W. in line at a conspicuous point where a base can be laid out and erect "flag sta 2 at the last point reached by chaining - Then I move my instrument to point occupied by "flag sta 1" which is on the S. side of a precipitous canyon in which I judge the cor. to secs 25. 26. 35 & 36 will fall thereon from point occupied by "flag sta 1" I place "flag sta 3" S. 0°01' E. in line in the bottom of said canyon. Then from said point occupied by "flag sta 1" I measure a base N. 89°59' E. 40.00 chs to point "A" from which flag sta 2 bears S. 44°34' W. the distance between flag sta 2 and flag sta 1 is therefore ∴ tang 45°25' x base or 1.0146 x 40 chs. = 40.58 chs making the total distance from S. Bdy of Tp. to flag sta 1 = 100.58 chs so that from said flag sta 1 the true cor. point to secs. 25. 26. 35 & 36 bears S. 0°01 E. 20.58 chs - But chaining S. from flag sta 1 is impracticable on account of cliffs and the nearest point to said cor. which it is practicable to reach is occupied by "flag sta 3" placed as above stated



Subdivision of T. 8 S. R. 5 E.

chs therefore utilizing the base already measured from point "A" of same "flag No 3" bears S. 68° 20' W. and the distance from "flag No 1" to "flag No 3 is tang 21° 39' × base or 0.3969 × 40 chs = 15.88 chs, which deducted from 100.58 chs (the total distance to flag No 1) leaves 84.70 chs as the distance from the S. Bdy of Tp. to flag No 3 –

Flag No 3 is placed on the S. edge of the bottom of a deep, precipitous canyon N. 0° 01' W. 4.70 chs from true cor. point and at said flagpoint I set a sandstone 16 × 12 × 12 ins. 11 ins. in the ground for witness cor. to secs. 25. 26. 35 × 36 marked W. C. on S. E. face and 1 notch on S. and E. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.

A pine 10 ins. diam. bears S. 23° E. 41 lks. dist. marked W. C. T. 8 S. R. 5 E. S. 25 B.T.

A maple 4 ins. diam. bears S. 87° W. 37 lks. dist. marked W. C. – T. 8 S. R. 5 E. S. 26 B.T.

80.00 True cor. point to secs. 25. 26. 35 × 36 falls in cliffs cannot be established.

Land high precipitous mountains

Soil 4th rate, rocky

Timber oak brush and scattering pines on N. 20 chs

Mountainous on 80.00 chs

East on a random line
bet. secs. 25 × 36

Note. The line falls in precipitous cliffs and cannot be chained. Therefore from witness cor. to secs. 25. 26. 35 × 36 – 4.70 chs N. 0° 01' W. from true cor. point I offset

N. 0° 01' W. 15.88 chs to "flag No 1" established at that distance in running N. 0° 01' W. bet. secs 35 × 36 in this survey thence I run

East on offset line 40.00 chs to a point, thence S. 0° 01' E. 20.58 chs to

40.00 on random line where I set temporary ¼ sec cor.

Subdivision of T. 8 S. – R. 5 E.

chs.	
80.12	Intersect East Bdy of Tp. 19 chs. N. of cor to secs. 25. 30. 31 & 36 established in this survy Thence I run N. 89° 52' W. on True line bet. secs. 25 & 36
40.06	Along very broken N. slope in oak brush Set a conduit 17 x 8 x 5 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor.
40.12	Line becomes impracticable to chain and I offset N. 0° 01' W. 20.58 chs to a point thence N. 89° 52' W. on offset line 40.00 chs to a point thence S. 0° 01' E. 15.88 chs to
80.12	the witness cor to secs. 25. 26. 35 & 36 which is 4.70 chs. N. 0° 01' W. of true cor. point. Land high prospitus Mountains Soil 3rd and 4th rate, very rocky Timber oak brush and scattering pines on N. 40.00 chs Mountainous on 80.12 chs

At the witness cor to secs. 25. 26. 35 & 36 in Lat. 40° 05' N. Long. 111° 21' W. I observe Polaris in accordance with instructions in the Manual and mark the line thus determined by a tack driven in a wooden plug 5.00 chs. N. of cor.

Astron. l.m.t of obs June 24th 1901. = 9 h. 24 m
U. C. Polaris June 15th = 19 h. 46.4 m.
Reduced to June 24th 0 h. 35.2 m.
19 h. 11.2 m. = 19 h. 11.2 m.
Hour angle of Polaris = 14 h 12.8 m
Subtract from 23 h. 56 m.
Time argument = 9 h. 43.2 m
Azimuth of Polaris at obs. = 0° 52' East.

June 24th 1901

Subdivision of T. 8 S. R. 5 E.

chs. June 25th 1901 – At 6:30 A.M. I turn of the azimuth of Polaris 0°52' to the West and mark the true Meridian thus determined by cutting a mark in the solid cliff west of the mark established last night. – The magnetic bearing of said true Meridian is N. 16°43' W. which reduced by the table on page 100 of the Manual, gives the mean magnetic declination 16°38' East.

Thence I run

N. 0°01' W. bet. secs. 25 & 26

4.70 The witness cor. to secs. 25. 26. 35 & 36 on S. side of the bottom of precipitous canyon 200 ft deep drains W.

5.20 Fifthwater Creek 10 lks. wide 18 ins. deep flows W.

6.50 N. side of cañon with precipitous walls making chaining impossible – I now move to point designated as "flag No 1" established in this survey see Notes of N. 0°01' W. bet. secs. 35 & 36 on N. side of Cañon

20.58 from true cor. point to secs. 25. 26. 35 & 36 At this point I resume chaining

32.00 Ridge Spur 2000 ft. above Creek bears S.W.

40.00 In small gulch drains W. set a quartzite stone 18 x 12 x 10 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. –

Pits impracticable

56.00 Gulch 100 ft. deep drains N.W.

70.00 Fifthwater Creek 6 lks. wide 12 ins. deep flows S.W. in cañon 100 ft. deep

75.00 Gulch 75 ft. deep drains S.E.

80.00 Set a limestone 24 x 15 x 4 ins. 18 ins. in the ground for cor. to secs. 23. 24. 25 & 26 marked 2 notches on S. and 1 on E. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. – Pits impracticable

A cedar 12 ins. diam. bears S. 44°30' W. 40 lks. dist. marked T. 8 S. R. 5 E. S. 26 B.T.

Land high precipitous mountains

Soil 3rd & 4th rate, very rocky

Timber oak brush and some scattering cedars

Subdivision of T. 8 S. R. 5 E.

chs.	
	Mountainous on 80.00 chs
	S. 89°52' E. on a random line bet. secs. 24 & 25
40.00	Set temp 1/4 sec. cor.
80.16	Intersect E. Bdy of Tp. 10 lks. S. of cor. to secs 19 24. 25 & 30 established in this survey
	Thence I run
	S. 89°48' W. on a true line bet. secs. 24 & 25
	Descend N.W. slope in oak brush
37.00	Enter rocky gulch 50 ft. deep drains W.
40.08	Set a quartzite stone 26 x 18 x 12 ins. 19 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which
	A cedar 6 ins. diam. bears N. 48°30' W. 34 lks. dist. marked 1/4 S. 24 B.T.
	A cedar 16 ins. diam bears S. 73° W. 31 lks. dist. marked 1/4 S. 25 B.T.
41.00	Leave gulch drains N.W.
72.00	Sixthwater Creek 6 lks. wide 8 ins. deep flows S.W. in Canyon 100 ft. deep.
80.16	The cor. to secs. 23. 24. 25 & 26
	Land high Mountains
	Soil 3rd rate, rocky.
	Timber oak brush and a few cedars
	Mountainous on 80.15 chs
	N. 0°01' W. bet. secs. 23 & 24
	Ascend S.E. slope in oak brush
37.50	Ridge 1000 ft. above Creek, bears N. 30° E. & S. 30° W.
40.00	Set a sandstone 18 x 12 x 10 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised

Subdivision of T. 8 S. R. 5 E.

chs	a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
55.00	Gulch 100 ft. deep drains S.W.
68.00	Ridge spur 1000 ft. above Creek bears W.
80.00	Set a sandstone 14 x 10 x 6 ins. 9 ins. in the ground for cor. to secs. 13. 14. 23 x 24 marked 3 notches on the S. and 1 on E. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
	Land high mountains
	Soil 3rd rate, rocky -
	Timber oak brush
	Mountainous on 80.00 chs

N. 89° 48' E. on a random line
bet. secs. 13 x 24

40.00	Set temporary ¼ sec. cor.
80.30	Intersect E. Bdy of Tp. 28 lks. N. of cor. to secs. 13. 18. 19 x 24 established in this survey
	Thence I run

West on a true line
bet. secs. 13 x 24

	Descend NW. slope in oak brush.
27.00	Sixthwater Creek 8 lks. wide 8 ins. deep flows S. 10° W. in Canon 150 ft. deep
38.00	Ridge spur bears S.
40.15	Set a sandstone 18 x 7 x 5 ins. 12 ins. in the ground for ¼ sec. cor. marked ¼ on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor.
	Pits impracticable
52.00	Ridge 1500 ft. above Creek bears NE. x SW. precipitous descent
80.30	The cor. to secs. 13. 14. 23 x 24
	Land high mountains
	Soil 3rd rate, rocky -
	Timber oak brush and a few cedars and pines

Subdivision of T. 8 S. R. 5 E.

chs.	Mountainous on 80.30 chs.
	June 25th 1901
	N. 0°01' W. bet. secs. 13 & 14
1.00	Gully drains W.
5.00	Ascend precipitous S. slope
23.00	Large warm Sulphur Spring bears W. about 25.00 chs
28.00	Ridge spur 1500 ft. above Creek bears W.
40.00	Set a sandstone 18 x 12 x 9 ins. 12 ins in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable
42.00	Ravine drains W.
50.00	Ravine drains W.
62.00	Ridge spur bears S.W. – Warm Sulphur Spring bears W. about 22.00 chs.
80.00	Set a sandstone 16 x 8 x 8 ins. 11 ins. in the ground for cor. to secs. 11. 12. 13 & 14 marked 4 notches on S. and 1 on E. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Land high mountains Soil 3rd rate, rocky Timber oak brush and some scattering cedars Mountainous on 80.00 chs.
	East on a random line bet. secs. 12 & 13
40.00	Set temporary 1/4 sec. cor.
80.22	Intersect E. Bdy of Tp. at cor. to secs. 7. 12. 13 & 18 established in this survey Thence I run West on true line bet. secs. 12 & 13

Subdivision of T. 8 S. R. 5 E.

Chs.	
4.00	Ridge spur bears S.W.
7.50	Sixthwater Creek 10 lks. wide 8 ins. deep flows S. 10° W. in cañon 200 ft. deep
14.00	Ridge 1000 ft. above Creek bears N. & S.
35.00	Gulch drains S.W.
40.11	Set a sandstone 20 x 10 x 6 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable
51.00	Ridge bears N.E. & S.W.
63.00	Ridge spur bears N.W.
80.22	The cor. to secs. 11. 12. 13 & 14
	Land high mountains
	Soil 3rd rate, rocky
	Timber oak brush and some scattering cedars
	Mountainous on 80.22 chs

N. 0°01 W. bet. secs. 11 & 12

20.00	Ridge spur bears W.
26.50	Gulch drains W.
40.00	Set a limestone 20 x 14 x 3 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable
46.00	Gulch drains N.W.
53.00	Gulch drains W.
74.00	Gulch drains W.
80.00	Set a sandstone 14 x 10 x 8 ins. 9 ins. in the ground for cor. to secs. 1. 2. 11 & 12 marked 5 notches on S. and 1 on E. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
	A cedar 12 ins. diam. bears S. 6°30' E. 48 lks. dist. marked T. 8 S. R. 5 E. S. 12 B.T.
	Land high mountains
	Soil 3rd rate, rocky
	Timber oak brush and scattering cedars

Subdivision of T. 8 S. R. 5 E.

chs.	
	Mountainous on 80.00 chs
	East on a random line bet. secs. 1 & 12
40.00	Set temp. 1/4 sec. cor.
80.12	Intersect E. Bdy of Tp. 10 Nhs. N. of cor. to secs. 1. 6. 7. & 12 established in this survey Thence 2 rods N. 89° 56' W. on a true line bet. secs. 1 & 12
15.00	Gulch draines S. — Ascend
40.06	On broad summit of ridge bears N.E. & S.W. in dense oak brush set a sandstone 14 x 8 x 5 ins. 9 ins. in the ground for 1/4 sec cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable; Junction of ridges N. of line.
50.00	Descend steep W. sloped
80.12	The cor. to secs 1. 2. 11 & 12 Land high mountains Soil 3rd rate, rocky. Timber oak birch and scattering cedars on W. 30 chs. Mountainous on 80.12 chs June 26th 1901
	N. 0° 01' W. on random line bet. secs. 1 & 2
40.00	Set temporary 1/4 sec. cor.
42.80	Intersect N. Bdy of Tp. 13 Nhs. E. of cor. to secs. 1. 2. 35 & 36. established in this survey Thence 2 rods S. 0° 05' E. on true line bet. secs. 1 & 2
	Gradual descent over heavy rolling bench

See page 102 this book.

Subdivision of T. 8 S. R. 5 E.

chs	
28.00	Diamond Creek 10 lks. wide 12 ins. deep runs S.W. in cañon 100 ft. deep – Old road forks Creek N.E. and S.W. – Enter Willow brush –
30.00	Leave cañon & willow – Steep ascent in oak brush
72.80	Set a limestone 14 x 8 x 4 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. – Pits impracticable
93.00	Ridge spur bears N.W. run along very steep and broken W. slope in scattering cedars
110.00	Gulch drains S.W.
112.80	The cor. to secs. 1. 2. 11. & 12
	Land high mountain & rolling bench
	Soil 3rd rate, rocky
	Timber scattering cedars on S. 19. 80 chs oak or willow brush on S. 84. 80 chs.
	Mountainous on 112.80 chs

From the cor. to secs. 2. 3. 34 & 35 on S. Bdy of Tp. established in this survey I run

N. 0°02' W. bet. secs. 34 & 35

Ascend along E. side of ridge bearing N. & S. in oak brush

29.50	Ridge spur 80 ft. high bears E.
40.00	Set a limestone 18 x 12 x 10 ins 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable
52.00	E. side of precipitous cañon in which Secondwater Creek runs – Claiming becomes impracticable and I place a stone on line on top of a ridge on the N. side of said cañon. Then measure a base S. 89°58' W. 10.00 chs. to a point from which the flag bears N. 35°56' E. the angle is thereon 54°02' and the distance is tang. 54°02 x base or 1.3780 x 10 = 13.78 chs.

Subdivision of T. 8 S. R. 5 E.

Chs.

65.78 flag on line – On ridge spur 1000 ft. above Creek – Descend precipitous N. slope in scattering pines

74.50 Sixthwater Creek 12 lks. wide 12 ins. deep flows W. in bottom of Cañon 250 ft. deep

75.43 N. side of bottom of precipitous cañon, further chaining barred by precipitous cliffs – Set a sandstone 18 x 12 x 9 ins. 12 ins. in the ground for witness cor. to secs. 26. 27. 34 & 35 marked W.C. on N.E. face together with 1 notch on S. and 2 on E. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. – Pits impracticable

A maple 7 ins. diam. bears S. 54° W. 61 lks. dist marked W.C. T.8 S. R.5 E. S. 34 B.T.

A maple 6 ins. diam bears S. 64° 45' E. 59 lks. dist. marked W.C. T.8 S. R.5 E. S. 35 B.T.

80.00 True cor. point falls in inaccessible cliffs cannot be established –

Land high precipitous mountains

Soil 3rd & 4th rate, very rocky.

Timber oak brush and scattering pines on N. 14.22 chs

Mountainous on 8000 chs

East on a random line

bet. secs. 26 & 35

This line falls nearly altogether in precipitous cliffs and can only be run by a traverse line in the bottom of the cañon – Beginning at the witness cor. to secs. 26. 27. 34 & 35 – 4.57 chs S. of true cor. point I run in bottom of cañon on a traverse line:

Course	Distance	Northing	Easting	
East	20.00 chs		20.00 chs	✓
N. 84° E.	6.00 "	.63 chs	5.97 "	✓
N. 33° 30' E.	4.73 "	3.94 "	2.61 "	
		4.57 chs	28.58 chs	✓

Subdivision of T. 8 S. R. 5 E.

chs.

28.58 Set temporary 1/4 sec witness cor.
thence continuing traverse line I run

Course	Distance chs.	Northing chs.	Southing chs.	Easting chs.	
N. 39°45' E.	9.90	7.61		6.33	✓
N. 71°45' E.	8.70	2.72		8.26	✓
N. 41° E.	6.20	4.68		4.07	✓ At this point Sixth- and Fifth-water Creeks join, now up Fifthwater Creek Canon
S. 73° E.	12.10		3.54	11.58	✓
S. 58°45' E.	13.20		6.84	11.28	✓
N. 88°30' E.	9.98	0.26		9.98	✓
		15.27 ✓	10.38 ✓	51.50	✓
		10.38			
		4.89 ✓		51.50	✓
Added from 1st traverse		4.57 ✓		28.58	✓
Totals		9.46		80.08	✓

80.08 Intersect N. & S. line at the witness cor. to secs. 25. 26. 35 & 36 which is 4.70 chs N. of true cor. point add to this 4.70 chs the distance S. of true cor point of the witness cor. to secs. 26. 27. 34 & 35 my starting point gives 9.27 chs consequently my total Northing 9.46 chs is 19 lks in excess N.

From true cor. point to secs. 25. 26. 35 & 36
N. 89°52' W. on true line
bet secs. 26 & 35

But as this line cannot be run. From witness cor to secs 25. 26. 35 & " returning on the traverse line above given

40.04 True 1/4 sec. cor. point falls in inaccessible cliffs cannot be established

51.50 The point on line accessible, nearest to the true cor. point for 1/4 sec. cor. on S. side of bottom of Sixthwater Canon
Set a sandstone 18 x 10 x 8 ins. 12 ins. in the ground for witness 1/4 sec. cor. marked W.C. 1/4 on N. face 11.46 chs N. 89°52' W of true 1/4 sec. cor point – from which
A pine 12 ins. diam bears S. 70°30' W. 42 lks. dist. marked W.C. S. 35 B.T.
A pine 5 ins. diam bears N. 5° W. 16 lks. dist. marked W.C. S. 26 B.T.

Subdivision of T. 8 S. R. 5 E.

chs.

54.00 Sixteenmile Creek 12 lks. wide 12 lks. deep flows S.W. in bottom of precipitous canon 300 ft. deep

80.08 True cor. point to secs. 26. 27. 34 & 35

Land high precipitous mountains
Soil dry rocky
Timber oak brush and scattering cedar & pine
Mountainous on 80.08 chs

June 27th 1901

N. 0°02' W. bet. secs. 26 & 27

Note: The south part of this mile falls in precipitous cliffs and can only be run by a traverse line in the bottom of the canons. Therefore beginning at the witness cor. to secs. 26. 27. 34 & 35 - 4. 57 chs. S. of true cor. point I run

Course	Distance chs	Northing chs	Easting chs	Westing chs	
West	2.56			2.56	✓
N. 81° W.	9.30	1.45		9.19	✓
N. 42° 30' W.	7.50	5.53		5.07	✓
N. 39° W.	8.30	6.45		5.22	✓ Near this point Sixteenmile Creek joins with Diamond Creek and about 4 chs. S. Sixteenmile Creek does likewise now continue Traverse up Diamond Creek Canyon
N. 56° E.	7.10	3.97	5.89		✓
N. 44° 15' E	8.00	5.73	5.58		✓
N. 55° 45' E	7.80	4.39	6.45		
N. 45° 15' E.	5.80	4.08	4.12		✓
		31.60	22.04	22.04	

Deducting 4.57 chs from the total northing 31.60 chs on account of my starting point beginning on line

27.03 N. of true cor point to secs. 26. 27. 34 & 35 -
Diamond Creek 15 lks. wide 12 lks. deep from S.W. in bottom of precipitous canon 200 ft. deep - Now ascend N.W. side of said canon, Road parallels Creek

30.20 Top of Cliffs - Now ascend steep S.E. slope

Subdivision of T. 8 S. R. 5 E.

chs.	
	in oak brush
40.00	Set a quartzite stone 18 x 12 x 7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
50.00	Broad ridge spur bears E.
57.00	Gulch 100 ft. deep drains S.E.
80.00	Set a limestone 12 x 8 x 7 ins. 8 ins. in the ground for cor. to secs 22. 23. 26 & 27 marked 2 notches on S. & E. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
	Land high precipitous Mountains
	Soil 3rd & 4th rate, very rocky.
	Timber oak brush on hills; maple & willow brush in canon
	Mountainous on 80.00 chs

S. 89° 52' E. on a random line bet. secs. 23 & 26

40.00	Set temporary 1/4 sec. cor.
80.00	Intersect N. & S. line 19 lks. N. of cor. to secs 23. 24. 25 & 26
	Thence I run
	West on true line bet. secs. 23 & 26
7.00	Gulch drains S.E.
17.00	Gulch drains S.
24.50	Ridge 1000 ft. high, divide bet. Sixthwater and Diamond Creeks bears N. & S.
40.00	Set a sandstone 18 x 12 x 5 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor, pits imp.
55.00	Diamond Creek 15 lks. wide 12 ins. deep flows S. in canon 200 ft. deep
55.50	Old wagon road bears N. & S.
80.00	The cor. to secs. 22. 23. 26 & 27
	Land high mountains
	Soil 3rd rate, rocky.

Subdivision of T. 8 S. R. 5 E.

chs.	
	Timber dense oak brush Mountainous on 80.00 chs

N. 0°02' W. Dist. secs. 22 & 23

	Along very broken and steep E. slope in oak brush
22.00	Ridge spur bears S.E.
40.00	Set a sand stone 20 x 18 x 6 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable
56.00	Gulch drains S.E.
71.50	Ridge spur bears S.E.
80.00	Set a limestone 20 x 12 x 10 ins. 15 ins. in the ground for cor. to secs 14. 15. 22 & 23 marked 3 notches on S. and 2 on E. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Land high mountains Soil 3rd rate, rocky Timber oak brush Mountainous on 80.00 chs

At the cor. to secs. 14. 15. 22 & 23 in Lat. 40°07' N. long 11°22' W. I observe Polaris in accordance with instructions of the Manual and mark the line thus determined by a tack driven in a wooden plug 5 cts chs N. of cor.

Astron. h.m.t. of obs. June 28th 9h 14 m.
H. C. Polaris June 15th 19 h. 46.6 m
Reduced to June 28th 0 h. 50.8 s
18 h 55.8 m = 18 h 55.8 m

Hour angle of Polaris 14 h. 18.2 m
Subtract from 23 . 56
Time argument = 9 h 37.8 m.

Azimuth of Polaris: 0°54' East.

Subdivision of T. 8 S. R. 5 E.

chs.	
	June 28th 1901
	June 29th 1901 – At 6:30 A.M. I turn off the azimuth of Polaris 0°54' to the west and mark the true Meridian thus determined by cutting a mark on a stone firmly set in the ground west of the mark established last night – The magnetic bearing of said true Meridian is N. 16°43' W. which reduced by the table on page 100 of the Manual gives the mean magnetic declination 16°38' East.
	Thence I run East on a random line bet. secs. 14 & 23
40.00	Set temp. 1/4 sec. cor.
80.00	Intersect N. & S. line at cor. to secs 13. 14. 23 & 24
	Thence I run West on true line bet. secs. 14 & 23
	Descend in oak brush
32.50	Enter Diamond Creek Canyon 250 ft. deep drains S.
33.00	Old wagon road bears N. & S.
34.00	Diamond Creek 15 lks. wide 12 ins. deep flows S.
35.50	Leave canyon – ascend
40.00	Set a sandstone 16 x 12 x 10 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. pits in ft
72.50	Gulch drains S.E.
80.00	The cor. to secs 14. 15. 22 & 23
	Land high mountains
	Soil 3rd rate, rocky
	Timber, oak brush
	Mountainous on 80.00 chs
	N. 0°02' W. bet. secs. 14 & 15
2.00	Gulch drains S.E.
16.00	S.E. point of ridge on line

Subdivision of T. 8 S. R. 5 E.

Chs	
31.00	Gulch drains S.E.
40.00	Set a sandstone 20 x 10 x 8 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable
47.50	Ridge spur bears S.E.
53.50	Gulch drains S.E.
62.00	Gulch drains S.E.
76.00	Ridge spur bears S.E.
80.00	Set a sandstone 20 x 8 x 8 ins. 15 ins. in the ground for cor. to secs 10. 11. 14 & 15 marked 4 notches on S. and 2 on E. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Land high mountains Soil 3rd rate, rocky. Timber oak brush Mountainous on 80.00 chs

East on random line
bet. secs. 11 & 14

40.00	Set Temp. 1/4 sec. cor.
80.00	Intersect N. & S. line at cor. to secs. 11. 12. 13 & 14 Thence 2 rds West on true line bet. secs. 11 & 14

Descend steep N. slope in brush

25.00	Enter Diamond Fork Canon 200 ft. deep drains S.
28.00	Old Wagon road bears N. & S.
29.00	Diamond Creek 15 lks. wide 12 ins. deep flows S.
30.00	Leave Canon — ascend
40.00	Set a sandstone 24 x 12 x 6 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable. —
77.00	Gulch drains S.E.
80.00	The cor. to secs. 10. 11. 14 & 15 Land high mountains

Subdivision of T. 8 S. R. 5 E.

chs.	
	Soil 3rd rate, rocky.
	Timber oak brush
	Mountainous on 80.00 chs

N. 0°02' W. bet. secs. 10 & 11

3.50	Gulch draining S. 20° E. lands N. 20° W. accend on E. side of same
20.00	Ridge spur bears S.E.
40.00	In gulch draining E. set a sandstone 14 x 12 x 8 ins. ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and mound a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable —
60.50	A Knob, the chs. point of a ridge, 2 chs W. of line
76.50	Hollow drains E.
80.00	Set a sandstone 18 x 9 x 6 ins. 12 ins. in the ground for cor. to secs. 2. 3. 10 & 11 marked 5 notches on S. and 2 on E. edges and mound a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.
	Pits impracticable
	Land high mountainous
	Soil 3rd rate, rocky.
	Timber oak brush
	Mountainous on 80.00 chs

June 29th 1901

East on random line
bet secs. 2 & 11

40.00	Set temp. 1/4 sec. cor.
80.12	Entered N. & S. line 14 lks. E. of cor. to secs 1. 2. 11 & 12
	Thence I run
	S. 89° 54' W. on true line bet. secs. 2 & 11

Descend. precipitous W. slope in down oak brush and scattering cedars

3.50	Ravine draining S.W.
15.00	Ravine draining S.W.

Subdivision of T. 8 S. R. 5 E.

Chs.	
36.00	Enter Diamond Gulch Canyon 200 ft. deep drains S.
36.30	Old wagon road bears N. & S.
36.50	Diamond Gulch 12 lks. wide 12 ins. deep flows S.
40.06	Set a sandstone 16 x 14 x 5 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits superficial
42.00	Enter cañon — ascend
80.12	The cor. to secs. 2. 3. 10 & 11
	Land high mountains
	Soil 3rd rate, rocky.
	Timber oak brush and scattering cedars
	Mountainous on 80.12 chs

N. 6° 02' W. on random line bet. secs. 2 & 3

40.00	Set stone 1/4 sec. cor.
112.62	Intersect N. Bdy of Tp. at cor. to secs. 2. 3. 34 & 35 established in this survey
	Thence I run

S. 0° 02' E. on true line bet. secs. 2 & 3

1.00	Bottom of gulch bears S. 70° E.
22.00	Descend precipitous S. slope of Pump House Hill
58.00	Hollow drains S. E.
62.00	Ridge spur bears S. E.
72.62	Set a limestone 20 x 8 x 8 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits superficial
99.50	Bottom of Red Bluff cañon drains E. — Steep ascent
108.00	Ridge spur bears E.
112.62	The cor. to secs 2. 3. 10 & 11
	Land high mountains
	Soil 3rd rate, rocky.
	Timber oak and patches of aspen brush
	Mountainous on 112.62 chs

Subdivision of T. 8 S. R. 5 E

chs.

At the cor. to secs. 3. 4. 33 & 34 established in this survey on S. Bdy of Tp. in lat 40°04' N. long 111°23' W. I observe Polaris in accordance with instructions of the Manual and mark the line thus determined by a tack driven in a plug 5.00 chs. N. of cor.

Astron l. m. t of obs. June 30th		9 h 28 m.
U. C. Polaris June 15th	19 h. 46.4 m	
Red. to June 30th	0 " 58.6	
	18 h 47.8 m =	18 " 47.8 "
Hour angle of Polaris	=	14 h 40.2 m
Subtract from		23 " 56
Time argument	=	9 h. 15.8 m

Azimuth of Polaris 1°02' East

June 30th 1901

July 1st 1901 – At 6:30 a m I turn off the azimuth of Polaris 1°02' to the West and mark the true Meridian thus determined by cutting a mark on a stone firmly set in the ground west of the mark established last night. The magnetic bearing of said true Meridian is N. 16°43' W. which reduced by the table on page 100 of the Manual gives the mean magnetic declination of 16°38' East.

Thence I run

N. 0°02' W. bet secs. 33 & 34

Along W. slope in oak brush

13.00 Ridge spur bears W. – Descend

40.00 Set a conglomerate stone 18 x 14 x 12 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.

Pits impracticable

55.00 Enter Diamond Creek Cañon 200 ft. deep drains S.W.

56.00 Old wagon road bears N.E. & S.W.

56.50 Diamond Creek 20 lks. wide 18 ins. deep flows W.

57.00 Leave Cañon – Ascend precipitous S. slope

60.00 Ridge spur bears S.E.

Subdivision of T. 8 S. R. 5 E.

chs.
40.50 Gulch 200 ft. deep drains S.E.
80.00 Set a sandstone 24 x 18 x 8 ins. 15 ins. in the ground for cor. to secs. 27. 28. 33 & 34 marked with cuts on S. and E. edges
from which
A cedar 14 ins. diam bears N. 62° 10' E. 70 lks. dist. marked T. 8 S. R 5 E. S. 27 B.T.
A cedar 12 ins. diam. bears N. 79° 50' W. 37 lks. dist. marked T. 8 S. R. 5 E. S. 28 B.T.
A cedar 10 ins diam. bears S. 14° 30' W. 45 lks. dist. marked T. 8 S. R. 5 E. S. 33 B.T.
A cedar 24 ins. diam bears S. 53° 30' E. 12 lks. dist. marked T. 8 S. R. 5 E. S. 34 B.T.
Land high mountains
Soil 3rd rate, rocky.
Timber oak brush and scattering cedar
Mountainous on 80.00 chs

East on random line
Set secs. 27 & 34
40.00 Set temp. 1/4 sec. cor.
Note: From this point it is impracticable to chain on the line and I continue random line by running a traverse line in the bottom of the canon as follows:

Course:	Distance	Northing	Southing	Easting	
	chs	chs.	chs.	chs.	
N. 31° 15' E	6.65	5.68		3.45	✓
N. 74° 45' E	15.00	3.18		14.66	✓
S. 39° E.	8.30		6.45	5.22	✓
S. 42° 30' E.	7.50		5.53	5.07	✓
S. 81° E.	9.30		1.45	9.19	✓
East	2.60			2.60	✓
		8.86	13.43	40.19	✓
			8.86		
			4.57	40.19	✓

80.19 Intersect the witness cor. to secs 26. 27. 34 & 35 which is 4.57 chs S. of the true cor. point - The correct return course from said true cor. point is thence

Subdivision of T. 8 S. R. 5 E.

Chs	
	for ✓ West on true line bet secs. 27 & 34
14.50	Sixteenmile Creek 12 lks. wide 12 ins. deep from N.W. in bottom of precipitous canon 100 ft. deep (calculated from known line)
18.00	Approximate position of Secondwater Creek 3 lks. wide 4 ins deep from N.W. in Canon 200 ft deep
40.00	East side of bottom of Diamond Creek Canon 200 ft. deep drains S.W. — Set a quartzite stone 16×14 × 8 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable —
	Note: I now resume chaining in dense oak & maple brush
42.50	Diamond Creek 20 lks. wide 18 ins. deep from S.W.
43.20	Old wagon road bears N.E. & S.W.
43.57	Near Canon — Ascend precipitous banks in oak brush and scattering cedar
60.00	Gulch drains S.E.
80.19	The cor. to secs 27. 28. 33 & 34 Found high mountains Soil 3rd and 4th rate, very rocky. Timber oak brush scattering pine on E. 1/2 and scattering cedars on W. 1/2 Mountainous on 80.19 chs

N. 0° 02' W. bet secs 27 & 28

Ascend precipitous S. slope in scattering cedars

40.00	The true cor. point falls in crumbling cliff where it can not be made permanent therefore at
40.50	at the top of this particular cliff set a conglomerate stone 18 × 12 × 8 ins. 12 ins. in the ground for Witness 1/4 sec. cor. marked W.C. 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable A cedar 4 ins. diam. bears S. 79° E. 15 lks. dist. marked W.C. 1/4 S. 27 B. T.

Subdivision of T. 8 S. R. 5 E.

chs.	
52.00	Leave cedars — Ascnt becomes more gradual along W. slope in oak brush. —
80.00	Set a quartzite stone 12×9×6 ins. 8 ins. in the ground for cor. to secs. 21. 22. 27 × 28 marked 2 notches on S. and 3 on E. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Land high mountains Soil 3rd rate, rocky. Timber scattering cedars on S. 52.00 chs oak brush on balance Mountainous on 80.00 chs

July 1st 1901

East on random line
bet. secs. 22 × 27

40.00	Set temp ¼ sec cor.
80.00	Intersect N. & S. line at cor. to secs. 22. 23. 26 × 27
	Thence I run
	West on true line bet. secs 22 × 27
	Descend in oak brush
6.50	Gulch drains S.
15.00	Gulch drains S.E. run along in same
19.00	Same gulch heads NW.
40.00	Set a quartzite stone 18×10×7 ins. 12 ins. in the ground for ¼ secs cor. marked ¼ on N. face and raised a a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable
41.50	Gulch drains S.
57.00	Gulch drains S.E — Very steep ascent.
76.00	Summit of ridge 3000 ft. higher than Diamond Creek bears N. & S.
80.00	The cor. to secs. 21. 22. 27 × 28 Land high mountains Soil 3rd rate, rocky. Timber oak brush Mountainous on 80.00 chs

Subdivision of T. 8 S. R. 5 E.

chs.

N. 0°02' W. bet. secs. 21 & 22

Ascend S.W. slope

25.00 Summit of ridge dividing Diamond Creek Canon and Red Gulch bears N.E. and S.W. — This ridge is the most prominent feature of the country about 3000 ft higher than the Creek bottom it extends Northerly and Southerly for 4 miles with a more or less precipitous slope to the West. — Descend precipitous W. slope.

40.00 Faces on solid sandstone rock 4 x 3 x 3 ft. above ground — At the exact cor. point I make a cross (x) for 1/4 sec. cor. and mark 1/4 on W. side of same and raise a mound of stone 2 ft. base 1½ ft. high W. of cor.
Pits impracticable

80.00 Set a sandstone 18 x 8 x 6 ins. 12 ins in the ground for cor. to secs. 15. 16. 21 & 22 marked 8 S. R. 5 E. on S.E. faces together with 3 notches on E. and S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
Pits impracticable
Land high mountains
Soil 4th rate, very rocky.
Timber, oak brush on 80.00 chs
Mountainous on 80.00 chs

East on random line
bet secs. 15 & 22

40.00 Set temp. 1/4 sec. cor.
80.10 Intersect N. & S. line 35 chs S. of cor. to secs. 14. 15. 22 & 23 — thence 2 runs
S. 89° 45' W. on true line
bet. secs. 15 & 22

Ascend in oak brush.

40.05 Set a sandstone 18 x 7 x 5 ins. 12 ins. in the ground

Subdivision of T. 8 S. - R. 5 E.

chs.	for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable
64.50	Summit of ridge bears N. & S. - Descend precipitous W. slope.
80.10	The cor. to secs. 15. 16. 21 & 22. Land high, precipitous Mountain Soil 4th rate - very rocky Timber oak brush on 80.10 chs. Mountainous on 80.10 chs.

July 2nd 1901

N. 0°02' W. bet secs. 15 & 16

	Along steep & precipitous W. slope in oak brush
40.00	Set a sandstone 16 x 10 x 5 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable
80.00	Set a sandstone 16 x 8 x 5 ins. 11 ins. in the ground for cor. to secs. 9. 10. 15 & 16 marked 3 notches on E. and 4 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Land high precipitous mountainous Soil 4th rate - very rocky Timber - oak brush on 80. chs. Mountainous on 80.00 chs

N. 89°45 E. on random line bet. secs. 10 & 15

40.00	Set temp. 1/4 sec. cor.
80.14	Intersect N. & S. line 3 chs. N. of cor. to secs. 10. 11. 14 & 15 - Thence I run

S. 89°46' W. on true line bet. secs. 10 & 15

Subdivision of T. 8 S. - R. 5 E.

chs.	
	Ascend in oak brush
40.7	Set a sandstone 18 x 7 x 5 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits unprecedented
69.50	Summit of ref bears N.W. and S. - Descend precipitous W. slope
80.14	The cor. to secs. 9. 10. 15 & 16 Land high precipitous mountains Soil 4th rate - very rocky. Timber - Oak brush on 80.14 chs. Mountainous on 80.14 chs.

N. 0°02' W. on true line
bet. secs. 9 & 10

	Ascend over broken conglomerate cliffs on S.W. slope
19.60	Summit of ref bears N.W. and S.E.
21.00	Enter dense aspen - descend steep N.E. slope
40.00	Set a sandstone 16 x 9 x 6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which An aspen 6 ins. diam. bears N. 33° W. 13 lks. dist. marked 1/4 S. 9 B.T. An aspen 6 ins. diam. bears S. 43° 15' E. 8 lks. dist. marked 1/4 S. 10 B.T.
53.50	Hollow 200 ft. deep drains N.E.
61.00	Ridge Spur bears N.E.
62.00	Descend steep N. slope on which the aspen are gradually replaced by pines.
80.00	Set a sandstone 18 x 9 x 6 ins. 12 ins. in the ground for cor. to secs. 3. 4. 9 & 10 marked 3 notches on E. & 5 on S. edges - from which A pine 9 ins. diam. bears N. 62 E. 17 lks. dist. - T. 8 S. R. 5 E. S. 3 B.T. A pine 12 ins. diam. bears N. 59° 30' W. 14 lks. dist. marked T. 8 S. R. 5 E. S. 4 B.T.

Subdivision of T. 8 S. R. 5 E.

Meanders	Pine 6 ins. diam. bears S. 45° W. 16 lks. dist. — marked T. 8 S. — R. 5 E. S. 9 B. T. Pine 12 ins. diam. bears S. 85° 30' E. 28 lks. dist. marked T. 8 S. R. 5 E. S. 10 B. T. Land high mountains Soil 4th rate — rocky. Timber aspen brush and young timber on 41.00 chs. aspen and pine timber on 18.00 chs. Mountainous on 80.00 chs. July 3rd 1901
	N. 89° 46' E. on random line bet. secs. 3 & 10
46.00	Set stone for 1/4 sec. cor.
80.22	Intersect N. & S. line 10 lks. N. of cor. to secs. 2. 3. 10 & 11 — thence I run S. 89° 30' W. on true line bet. secs. 3 & 10
	Steep ascent in dense brush
14.00	Ridge bears NE. & SW.
37.00	Gulch drains N.
46.11	Set a sandstone 14 x 10 x 8 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1 1/2 ft. high N. of cor. pit
46.00	Gulch drains N.
57.00	Gulch drains NE. — steep ascent.
61.50	Enter pine timber — run along very steep N. slope —
80.22	The cor. to secs. 3. 4. 9 & 10 Land high broken Mountains Soil 3rd rate — rocky Timber — Pine for W. 18.72 chs. oak brush on balance Mountainous on 80.22 chs

Subdivision of T. 8 S. R. 5 E.

Chs	
	N. 0° 02' W. on random line between secs. 3 & 4
40.00	Set temp. 1/4 sec. cor.
112.40	Intersect E. Bdy of Tp. 5 chs. W. of cor. to secs. 3. 4. 33 & 34. - established in this survey. Thence I run
	South on true line bet. secs. 3 & 4
	Ascend in dense brush on steep E. slope of Red Bluff Canyon.
21.00	Gulch draining S.E.
39.50	Gulch drains E. heads 5 chs. W. - A high peak locally known as "Mary's Nipple" with precipitous cliffs on S. face bears W. about 15 chs.
55.00	Gulch drains E.
61.00	Ridge spur bears E.
72.40	On precipitous S.W. slope - Set a sandstone 14 x 12 x 8 ins: 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face - from which
	A pine 10 ins. diam bears S. 43° W. 138 ft. dist. marked 1/4 S. 4 B.T.
	A mahogany 4 ins. diam. bears S. 38° E. 112 ft. dist. - marked 1/4 S. 3 B. T.
79.50	Canyon drains S. 70° E. - Enter grove of pines
83.00	Leave grove of pines
94.00	Ridge spur bears E.
99.00	Gulch drains E.
106.00	Ridge spur bears E.
109.50	Canyon drains E. - Enter pine timber
112.40	The cor. to secs. 3. 4. 9 & 10
	Land high, broken mountains
	Soil 3rd rate, rocky
	Timber - pines on 6.40 chs. oak brush on balance
	Mountainous on 112.40 chs.

July 4th 1901

From the cor. to secs. 4. 5. 32 & 33 on S. Bdy of Tp established in this survey I run

Subdivision of T. 8 S. R. 5 E.

chs.	
	N. 0°03' W. bet. secs. 32 & 33
	Descend in oak brush
7.00	Hollow drains N. 80° W.
19.00	Ridge bears NW. & SE.
35.50	Hollow drains N.
40.00	Set a limestone 24×18×8 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 fe. base 1½ fe. high W. of cor. Pits impracticable
48.00	Enter Diamond Creek Canyon drains W.
49.40	Diamond Creek 20 lks. wide 12 ins. deep drains W.
50.50	Road bears E. & W.
52.00	Lean Canyon — steep ascent in scattering cedars.
80.00	Set a limestone 24×10×6 ins. 18 ins. in the ground for cor. to secs. 28. 29. 32 & 33 marked 4 notches on E. and 1 on S. edges and raised a mound of stone 2 fe. base 1½ fe. high W. of cor. Pits impracticable
	Land high Mountains
	Soil 3rd rate, rocky.
	Timber Oak brush S. of Creek and scattering cedars N. of Creek
	Mountainous on 80.00 chs

East on random line bet. secs. 28 & 33

40.00	Set temp 1/4 sec. cor.
80.00	Intersect N. & S. line at cor. to secs. 27. 28. 33 & 34
	Thence 2 runs

West on true line bet. secs 28 & 33.

2.50	Gulch drains S. E.
18.00	Ridge spur bears S.
22.00	Gulch drains S.
40.00	Set a sandstone 15×9×5 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which A cedar 3 ins. diam. bears N. 40° E. 15 lks. dist. —

Subdivisions of T. 8 S. R. 5 E.

Chs.	
	marked 1/4 S. 28 B.T.
	A cedar 9 ins. diam. bears S. 28° W. 33 lks. dist. - marked 1/4 S. 33 B.T.
47.50	Ridge spur bears S. — Slope descent -
80.00	The cor. to secs. 28. 29. 32 & 33
	Land high mountains
	Soil 3rd rate, rocky.
	Timber scattering cedars and brush on 80 chs.
	Mountainous on 80. chs.

N. 0°03' W. bet. secs 28 & 29

1.50	Ridge spur bears S.W. - Descends along broken rocky W. slope in oak brush
35.00	Rocky ridge spur bears W.
40.00	Set a sandstone 18 x 14 x 3 ins. 12 ins. in the ground for 1/4 sec. cor. - marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable
54.00	Gulch drains W.
75.00	Gulch drains S.W.
80.00	Set a sandstone 18 x 8 x 5 ins; 12 ins. in the ground for cor. to secs. 20. 21. 28 & 29 marked 4 notches on E. and 2 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Land high mountains Soil 3rd rate, rocky. Timber oak brush and a few cedars. Mountainous on 80.00 chs.

July 5th 1901

East on random line bet. secs 21 & 28

19.40	At this point I encounter the precipitous W. face of the Ridge dividing Red Gulch and Diamond Creek and chaining becomes impracticable - Therefore I place a flag on line on top of the ridge, measure

Subdivision of T. 8 S. R. 5 E.

Chs.	
	a brass South 35.00 chs. long to a point from the flag bears N. 47°45' E. - The distance is therefore = Colang. 42°15 x base cr. 1.1009 x 35.00 chs = 38.53 chs., which added to 19.40 chs makes a dist. of 57.93 chs to flag from cor. to secs. 20. 21. 28 & 29
40.00	Temp 1/4 sec. cor falling in unscalable cliffs cannot be set
57.93	Set temp 1/4 sec. witness cor.
80.00	Intersect N. & S. line at cor. to secs 21. 22. 27 & 28
	Thence 2 rods
	West on true line bet. secs. 21 & 28
9.50	Canyon drains S.
22.07	Summit of ridge 3000 ft. higher than Creek bears N.E. & S.W. - Set a cobblestone 14 x 14 x 8 ins. 9 ins. in the ground for witness 1/4 sec. cor. marked 1/4 W.C. on N. face - from which
	A mahogany 4 ins. diam. bears N. 26°15' W. 32 lks. dist. - marked 1/4 S. 21 W.C. B.T.
	A mahogany 3 ins. diam. bears S. 65°45' E. 95 lks. dist. marked 1/4 S. 28 W.C. B.T.
	Perennial cliffs
40.00	True 1/4 sec. cor. point falls in cliffs cannot be set
60.60	Foot of cliffs bears N. & S.
72.00	Gulch drains S.W.
80.00	The cor. to secs. 20. 21. 28 & 29
	Land high precipitous Mountains
	Soil 4th rate - very rocky
	Timber oak, brush and a few cedars.
	Mountainous on 80.00 chs

N. 0°03' W. bet. secs. 20 & 21

26.00	Red gulch 200 ft. deep drains S.W.
40.00	Set a sandstone 16 x 12 x 4 ins. 11 ins. in the ground for 1/4 sec. cor. - marked 1/4 on W. face and mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable

Subdivision of T. 8 S. R. 5 E.

chs.	
	Ascend brokn E. slope in oak brush
80.00	Set a sandstone 16 x 10 x 6 ins. 11 ins. in the ground for cor. to secs. 16. 17. 20 & 21 marked 4 notches on E. and 3 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable.
	Land high mountainous.
	Soil 3rd rate, rocky.
	Timber - oak brush on 80.00 chs.
	Mountainous on 80.00 chs.

East on random line bet. secs. 16 & 21

40.00	Set temp. ¼ sec. cor.
79.96	Intersect N. & S. line 28 lks. N. of cor. to secs. 15. 16. 21 & 22. Trees 2 ins.
	N. 89° 48' W. on true line bet. secs. 16 & 21
	Descend steep W. slope in oak brush
39.98	Set a sandstone 18 x 8 x 4 ins. 12 ins. in the ground for ¼ sec. cor. marked ¼ on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable
47.25	Red gulch 200 ft. deep drains S. - Steep ascent
79.96	The cor. to secs. 16. 17. 20 & 21
	Land high mountainous.
	Soil 3rd rate, rocky.
	Timber dense oak brush on 79.96 chs.
	Mountainous on 79.96 chs.

July 6th 1901

N. 0° 03' W. bet. secs. 16 & 17

	Descend N.E. slope in oak brush
40.00	Set a sandstone 18 x 7 x 7 ins. 12 ins. in the ground for ¼ sec. cor. marked ¼ on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable
41.70	Hollow 100 ft. deep drains S.E. - Steep ascent

Subdivision of T. 8 S. R. 5 E.

chs.	
70.00	Ridge spur 250 ft. above hollow bears S.E.
80.00	Set a conglomerate limestone 16 x 8 x 5 ins. 11 ins. in the ground for cor. to secs. 8.9.16 x 17 marked 4 notches on E. and S. edges. and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
	Land high mountains
	Soil 3rd rate, rocky.
	Timber oak brush on 80.00 chs.
	Mountainous on 80.00 chs.

S. 89° 48' E. on random line bet. secs. 9 x 16

40.00	Set temp ¼ sec cor.
80.06	Intersect N. & S. line 5 lks. S. of cor. to secs. 9.10.15 x 16 – Thence I run

N. 89° 50' W. on true line bet. secs. 9 x 16

	Descend steep S.W. slope in oak brush
40.03	Set a sandstone 25 x 14 x 5 ins. 16 ins. in the ground for ¼ sec. cor. marked ¼ on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor.
	Pits impracticable
52.70	Red Gulch 1000 ft. below top of reef drains S.
54.50	Gulch drains S.E. – Steep ascent.
80.06	The cor. to secs. 8.9.16 x 17
	Land high mountains
	Soil 3rd rate, rocky.
	Timber oak brush on 80.06 chs
	Mountainous on 80.06 chs

N. 0° 03' W. bet. secs. 8 x 9

	Ascend on N.E. slope in oak brush
23.30	Ridge 700 ft. higher than Red gulch bears N.E. and S.W. seperating Red gulch and Waurhodes Basin
40.00	Set a limestone 16 x 9 x 4 ins., 11 ins. in the ground

Subdivision of T. 8 S. R. 5 E.

chs.	
	for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. — Pits impracticable
56.75	Hollow draines S.W.
78.00	Ridge spur bears W.
80.00	Set a sandstone 18 x 12 x 8 ins. 12 ins. in the ground for cor. to secs. 4. 5 8 x 9 marked 4 notches on E. and 5 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. — Pits impracticable
	Land high mountains
	Soil 3rd rate, rocky.
	Timber oak brush on 80.00 chs
	Mountainous on 80.00 chs

July 7th 1901

S. 89° 30' E. on random line bet. secs 4 x 9

40.00	Set temp 1/4 sec. cor.
80.00	Intersect W. & S. line 33 chs. S. of cor. to secs. 3. 4. 9 x 10 — Thence 2 runs West on true line bet. secs. 4 x 9

See corrected notes book 2, p. 1. course of true line and description of 1/4 sec. cor. changed.

Ascend, steps of slope in pine timber

10.00	Gulch drains W. 65 E. — Scarce pines outer oak brush.
28.00	Ridge spur bears NE.
30.00	Divide between Diamond Creek and Waterhouse Basin 300 ft. higher than Creek bears N. & S. — Descend
40.00	Set a sandstone 18 x 12 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. — Pits impracticable
42.00	Ridge spur bears SE. bears S. 85° W.
80.00	Set cor. to secs. 4. 5. 8 x 9
	Land high mountains
	Soil 3rd rate, rocky.
	Timber pines on E. 10.00 chs., oak brush on balance
	Mountainous on 80.00 chs

See page 101 this book

Subdivision of T. 8 S. R. 5 E.

chs.	
	N. 0° 03' W. on random line bet. secs. 4 & 5
40.00	Set temp. 1/4 sec. cor.
112.20	Intersect N. Bdy of Tp. 12 Nth. E. of cor. to secs. 4. 5. 32 & 33 established in this survey — Thence I run
	S. 0° 07' E. on true line bet. secs. 4 & 5
	Descend in dense oak brush
5.00	Descend
10.00	Gulch draining W.
19.00	Gulch draining N. W.
51.00	Ridge runs 500 ft. high bears S. W.
72.20	Set a conglomerate stone 20 x 9 x 8 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits inaccessible
77.70	Gulch 75 ft. deep draining S. W. — Small Spring of water in bottom of same bears N. 45 E. 15 chs. dist.
105.00	Hollow 150 ft. deep draining W.
112.20	The cor. to secs. 4. 5. 8 & 9 Land high Mountains Soil 3rd rate, rocky. Timber oak brush mostly very dense on 112.20 chs. Mountainous on 112.20 chs.
	July 8th 1901

From the cor. to secs. 5. 6. 31 & 32 on N. Bdy of Tp. established in this survey I run

N. 0° 04' W. bet. secs. 31 & 32

Descend broken dist. slope in oak brush

20.00	Slope becomes precipitous and impracticable to chain, further does not afford a satisfactory base — therefore I place a flag No 1 on line N. 0° 04' W. in Diamond Fork Canyon N. of Creek and also place flag No 2 at point reached by chaining — Thence I go to flag No 1 and

Subdivision of T. 8 S. R. 5 E.

chs. measure a base N. 89° 56' E. 35.00 chs to a point from which flag chs 2 bears S. 49° 50' W. which is also the included angle at flag chs 2 49° 54'. The distance is tang 49° 54' x base or 1.1875 x 35.00 chs = 41.56 chs which added to 20.00 chs. the point reached by chaining makes the the total distance from S. Bdy to Flag chs 1 = 61.56 chs.

40.00 The true 1/4 sec. cor point falls in cliffs cannot be established. But returning to flag chs 1 I measure from it S. 0° 04' E. 5.66 chs back on line to

55.90 At foot of cliff on S. side of Diamond Creek Canyon where I mark a smooth S.W. face of a perpendicular sandstone cliff 20 ft. high - with a cross (X) and 1/4 W. C. for witness 1/4 sec. cor. 15.90 chs. N. of true cor. point and raise a mound of stone 2 ft. base 1½ ft. high W. of witness cor. Pits impracticable

A cottonwood 5 ins. diam bears N. 30° 45' E. 1.77 chs dist - marked 1/4 S. 32 W. C. B. T.

57.50 Road bears E. & W.

59.00 Diamond Creek 20 lks. wide 12 ins. deep runs W.

61.50 Ascend precipitous S. slope gradually changing to W. slope in scattering cedars

77.00 Top of ascent.

80.00 Set a sandstone 12 x 8 x 7 ins. 8 ins. in the ground for cor. to secs. 29. 30. 31 & 32 marked 5 notches on E and 1 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable

Land high precipitous Mountainous

Soil 4th rate - Very rocky

Timber oak brush and some scattering pines

South of Creek - Scattering cedars N. of creek. Mountainous on 80.00 chs

East on random line bet. secs. 29 & 32

40.00 Set temp. 1/4 sec. cor.

80.14 Intersect N. & S. line at cor. to secs 28. 29. 32 & 33

Subdivision of T. 8 S. R. 5 E.

chs.	
	Thence I run
	West on true line bet. secs. 29 & 32
	Descend precipitous W. slope in scattering cedars
15.00	Spring Branch 3 lks. wide 4 ins. deep runs S. in bottom of Red Gulch 200 ft. deep —
	Ascend precipitous E. slope.
27.00	Summit of precipitous ridge spur 700 ft. above gulch bears S. This ridge rises abruptly from a long low ridge 15 chs. N. — Very steep descent leave scattering cedars — enter dense oak brush.
40.07	Set a sandstone 16 x 12 x 7 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable
55.00	Foot of very steep slope
64.00	Gulch drains S.
80.14	The cor to secs. 29. 30. 31 & 32
	Land high precipitous mountains
	Soil 4th rate — very rocky
	Timber — scattering cedars on E. 27.00 chs. balance dense oak brush —
	Mountainous on 80.14 chs
	West on random line bet. secs. 30 & 31
40.00	Set temp 1/4 sec. cor.
78.40	Intersect W. Bdy of Tp. at cor. to secs. 25. 30. 31 & 36 which is a conglomerate stone 18 x 10 x 6 ins. set marked and witnessed as described by the Surveyor General — Thence I run
	East on true line bet. secs. 30 & 31
12.50	Ridge spur bears S.
15.00	Enter scattering oak brush
21.50	Gulch drains S.
26.00	Gulch drains S.W
37.00	Ridge spur bears S.
38.40	Set a limestone 20 x 12 x 6 ins. 15 ins. in the ground

Subdivision of T. 8 S. R. 5 E.

chs	
	for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable.
42.50	Gully drains S.
52.50	Gulch drains S.W. Small spring bears S. 1.50 chs dist.
74.00	Precipitous canyon 150 ft. deep drains S.W.
78.40	The cor. to secs 29. 30. 31 & 32
	Land high Mountains
	Soil 3rd rate, rocky.
	Timber oak brush on 63.40 chs
	Mountainous on 78.40 chs

At the cor. to secs. 29. 30 31 & 32 in lat. 40° 05' N. long. 111° 25' W. I observe Polaris in accordance with instructions of the Manual and mark the line thus determined by a tack driven 13.00 chs N. of cor.

Astron. l. m. t. of obs. July 9th – 8 h. 52 m
U. C. Polaris July 1st 1901 = 18 h. 44 m.
Red. to July 9th – 31.4 –
18 h. 12.6 m = 18 h. 12.6 –
Hour angle of Polaris = 14 h. 39.4 m
Subtract from 23 – 56
Time argument 9 h. 16.6 m.
Azimuth of Polaris 1° 02' East
July 9th 1901

July 10th 1901 – At 6:30 A. M I turn off the Azimuth of Polaris 1° 02' to the West and mark the true Meridian thus determined by cutting a mark on a stone firmly imbedded in the ground west of the mark established last night – The magnetic bearing of said true Meridian is N. 16° 43' W. which reduced by the table on page 100 of the Manual gives the mean magnetic declination of 16° 38' East.

Subdivision of T. 8 S. R. 5 E.

chs.	
	N. 0°04' W. bet. secs. 29 & 30
	Descend precipitous N.W. slope of canyon
9.50	Bottom of canyon drains S.W.
35.00	Ascend steep S.E. slope
40.00	Set a sandstone 14 x 12 x 5 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable
65.00	Head of hollow drains S.E.
80.00	Set a sandstone 12 x 8 x 6 ins. 8 ins. in the ground for cor. to secs. 19. 20. 29 & 30 marked 5 notches on E. and 2 on S. edges and mound of stone 2 ft base 1½ ft. high W. of cor. Pits impracticable Land high mountains Soil 3rd rate, rocky. Timber Oak brush on 80.00 chs. Mountainous on 80.00 chs

	East on random line bet secs. 20 & 29
40.00	Set temp. 1/4 sec. cor.
80.00	Intersect N. & S. line at cor. to secs. 20. 21. 28 & 29
	Thence S. run
	West on true line bet. secs. 20 & 29
5.00	Hollow bears S.
22.00	Ridge 300 ft. high bears N. & S.
31.50	Gulch drains S.
40.00	Set a sandstone 16 x 6 x 5 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and mound of stone 2 ft. base 1½ ft high N. of cor. Pits impracticable
40.50	Gully drains S.
49.00	Ridge spur bears S.
57.50	Gulch drains S. — Ascend steep NE. slope
75.00	Flat ridge bears NW. & SE.

Subdivision of T. 8 S. R. 5 E.

Chs.	
80.00	The cor. to secs. 19. 20. 29 & 30 Land high mountains Soil 3rd rate, rocky. Timber oak brush on 80.00 chs. Mountainous on 80.00 chs.

West on random line bet. secs. 19 & 30

40.00	Set temp 1/4 sec. cor.
78.10	Intersect W. Bdy of Tp. 17 chs. S. of cor. to secs 19. 24. 25 & 30 which is a sandstone 18×12×6 ins. set, marked and witnessed as described by the Surveyor General — Pine 2 ins S. 89°53' E. on true line bet. secs. 19 & 30
	Second S.E. slope in oak brush
10.00	Gulch drains S.
20.00	Ridge bears N. & S.
35.00	Gully drains S.E.
38.10	Set a quartzite stone 15×10×6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and mound a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits unpracticable
43.50	Canyon 100 ft. deep drains S.
45.00	Gulch drains S.W.
53.00	Ridge spur 50 ft. above canyon bears S.
65.00	Broad ridge bears N. & S.
78.10	The cor. to secs. 19. 20. 29 & 30 Land high mountains Soil 3rd rate, rocky. Timber dense oak brush on 78.10 chs. Mountainous on 78.10 ch

N. 0°04' W. bet secs 19 & 20

2.50	First ridge bears W. and S.E.
16.00	Gulch drains N.E.

Subdivision of T. 8 S. R. 5 E.

chs.	
26.00	Gulch drains E.
40.00	In gulch drains E. – set a sandstone 18×10×6 ins 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. – Pits impracticable
59.00	Ridge bears N.E. & S.W.
78.00	Same ridge bears N.W. & S.E.
80.00	Set a sandstone 14×8×5 ins. 9 ins. in the ground for cor. to secs. 17. 18. 19 & 20 marked 5 notches on E. and 3 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Land high Mountains Soil 3rd rate, rocky. Timber oak brush on 80.00 chs Mountainous on 80.00 chs

July 10th 1901

East on random line bet secs. 17 & 20

40.00	Set temp. 1/4 sec. cor.
80.00	Intersect N. & S. line 14 lks. N. of cor. to secs. 16. 17. 20 & 21 – / Thence S mon N. 89° 54' W. on true line bet. secs. 17 & 20
5.00	Ridge bears N. & S.
26.00	Gulch drains S.
40.00	Set a sandstone 16×7×4 ins. – 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a stone mound 2 ft. base 1½ ft. high N. of cor. Pits impracticable
48.00	Ridge bears N. & S.
65.00	Gulch drains S.
80.00	The cor. to secs. 17. 18. 19 & 20 Land high mountains Soil 3rd rate, rocky. Timber oak brush on 80.00 chs. Mountainous on 80.00 chs.

Subdivision of T. 8 S. R. 5 E.

chs.	
	N. 89° 53' W. on meander line bet. secs. 18 & 19
40.00	Set temp. ¼ sec. cor.
77.75	Intersect W. Bdy of Tp. 18 lks. S. of cor. to secs. 13. 18. 19 & 24 which is a quartzite stone 18×8×8 ins. set, marked and witnessed as described by the Surveyor General – Thence I run
	S. 89° 45' E. on true line bet. secs 18 & 19
12.50	Hollow draining N.W.
37.75	Set a sandstone 16×14×6 ins. 11 ins. in the ground for ¼ sec. cor. – marked ¼ on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable
44.50	Ridge bears N. & S.
56.50	Hollow (near its head) draining S.
75.50	Ridge bears N. & S.
77.75	The cor. to secs. 17. 18. 19 & 20 Level high Mountainous Soil 3rd rate, rocky. Timber scattering oak brush Mountainous on 77.75 chs
	N. 0° 04 W. bet. secs. 17 & 18
13.00	Ridge bears N.E. and S.W.
30.00	Ridge 800 ft. high bears E. & W. – Descend into Wanderers Basin
40.00	Set a sandstone 14×12×5 ins. 9 ins. in the ground for ¼ sec. cor. marked ¼ on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. – Pits impracticable
47.50	Hollow draining N.W.
61.50	Hollow draining N.W.
80.00	Set a sandstone 16×12×8 ins. 11 ins. in the ground for cor. to secs. 7. 8. 17 & 18 marked 5 notches on E. and

Subdivision of T. 8 S. R. 5 E.

chs.	
	4 on S. edge and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
	Land high mountains
	Soil 3rd rate, rocky.
	Timber dense oak brush on 80.00 chs.
	Mountainous on 80.00 chs

S. 89° 54' E. on random line bet. secs. 8 & 17

40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. & S. line ¼ chs. S. of cor. to secs. 8. 9. 16 & 17 - Thence I run West on true line bet. secs. 8 & 17
	Ascend
1.50	Ridge spur bears S.
8.00	Hollow drains S.
13.50	Ridge 800 ft. high dividing Red gulch and Wanshodes Basin bears N.E. & S.W. - Steep descent.
25.00	Descent becomes more gradual. Enter aspen brush
37.50	Leave aspen brush
40.00	Set a sandstone 16 x 14 x 4 ins. 11 ins. in the ground for ¼ sec. cor. - marked ¼ on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor.
	Pits impracticable
47.00	Center of small peat 2 chs. in diam - Probably dry pond -
80.00	The cor. to secs. 7. 8. 17 & 18
	Land high Mountains
	Soil 3rd rate, rocky.
	Timber oak or aspen brush on 80.00 chs
	Mountainous on 80.00 chs.

July 11th 1901

N. 89° 45' W. on random line bet. secs. 7 & 18

40.00	Set temp. ¼ sec. cor.

Subdivision of T. 8 S. R. 5 E.

chs.

77.40 Intersect W. Bdy of Tp. 7 chs. N. of cor. to secs. 7. 12. 13 & 18 which is a quartzite stone 16 x 10 x 4 ins. set, marked and witnessed as directed by the Surveyor General — thence I run

S. 89° 48' E. on true line bet. secs. 7 & 18

Ascend in dense oak brush

31.50 Ridge spur bears N. 20° W.

37.40 Set a sandstone 14 x 6 x 6 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable

42.50 Head of hollow drains N.

57.00 Hollow drains N.

61.50 Hollow drains N.W.

75.50 S. edge of dry Pond 70 lks. diam

77.40 The cor. to secs. 7. 8. 17 & 18

Land high Mountains

Soil 3rd rate, rocky

Timber oak brush on 77.40 chs.

Mountainous on 77.40 chs

N. 0° 04' W. bet. secs. 7 & 8

5.30 Hollow drains W.

15.00 Hollow drains W.

35.50 Hollow drains W.

40.00 Set a sandstone 24 x 8 x 8 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable

80.00 Set a sandstone 18 x 10 x 6 ins. 12 ins. in the ground for cor. to secs. 5. 6. 7 & 8 marked 5 notches on E. and S. edges and raised a stone mound 2 ft base 1½ ft. high W. of cor. Pits impracticable.

Land rolling foothills

Soil 3rd rate

Subdivision of T. 8 S. R. 5 E.

chs.	Timber. dense oak brush on 80.00 chs.
	East on random line bet. secs. 5 & 8
40.00	Set temp 1/4 sec. cor.
80.00	Intersect N. & S. line at cor. to secs. 4. 5. 8 & 9
	Thence 2 rods
	West on true line bet. secs. 5 & 8
	Descend steep W. slope in scattering cedars and oak brush
40.00	Set a sandstone 18 x 12 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a stone mound 2 ft. base 1½ ft. high N. of cor.
	Pits impracticable
	Descent now gets more gradual
80.00	The cor. to secs. 5. 6. 7 & 8
40/40	Land steep W. slope and rolling foothills
	Soil 3rd and 2nd rate, rocky.
	Timber scattering cedar and oak brush
	Mountainous on E. 40.00 chs.
	N. 89° 48' W. on random line bet. secs. 6 & 7
40.00	Set temp 1/4 sec. cor.
77.15	Intersect W. Bdy of Tp. 19 chs. S. of cor. to secs. 1 6. 7 & 12. which is a sandstone 16 x 10 x 6 ins. set. marked and witnessed as described by the Surveyor General
	Thence run
	S. 89° 40' E. on true line bet. secs. 6 & 7
1.00	Spring Branch 2 lks. wide 2 ins. deep runs SE. in bottom of gulch
9.00	Ridge spur bears SE.
31.00	Foot of steep slope — Enter rolling flat
37.15	Set a sandstone 17 x 14 x 5 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor.

Subdivision of T. 8 S. R. 5 E.

Chs.	
	Pits impracticable
50.00	Hollow drains S.
57.00	Spring Branch 2 lks. wide 4 ins. deep runs S. in bottom of hollow.
77.15	The cor. to secs. 5. 6. 7 & 8
31/46.15	Land mountainous slope and rolling flat
	Soil 3rd and 2nd rate, rocky.
	Timber scattering oak brush
	Mountainous on W. 31.00 chs.

July 12th 1901

N. 0°04' W. on random line bet. secs. 5 & 6

40.00	Set temp. 1/4 sec. cor.
112.25	Intersect N. Bdy. of Tp. at cor. to secs. 5. 6. 31 and 32 established in this survey.

Note: The length of the W. Bdy. of sec. 6 previously surveyed is reported to be 114.33 chs. (113.65) the discrepancy with the East Bdy. here shown to be 112.25 chs. is therefore 2.08 chs and out of limit. Said W. Bdy. falls on a very high and steep Mountain difficult to chain. To account for said discrepancy I abandon this line temporarily and go to the established cor. to secs. 1. 6. 7 & 12 heretofore described on W. Bdy. of Tp. From said cor. I run North retracing the line bet. secs. 1 & 6. At 39.47 chs. the 1/4 sec. cor. which is a sandstone 22 x 14 x 6 ins. set, marked and witnessed as described by the Surveyor General bears East 14 lks. And at 112.15 chs the cor. to Tps. 7 & 8 S. Rgs. 4 & 5 E. heretofore described bears East 40 lks. The true course of said line is therefore N. 0°12' E. and the length 112.15 chs showing my random line bet. secs. 5 & 6 to be within limits. Thence returning to the cor. to secs. 5. 6. 31 & 32 on N. Bdy. of Tp. I run

S. 0°04' E. on true line bet. secs. 5 & 6

Subdivision of T. 8 S. R. 5 E.

chs.	Descend steep S. slope in dense oak brush
26.00	Gulch drains S.W.
34.00	Ridge bears N.E. & S.W.
72.25	Set a sandstone 14 x 12 x 6 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable
80.00	Spring of water in gulch 8 chs. E. of line
84.50	Spring Branch 2 lks. wide 4 ins. deep runs S.W. in bottom of gulch
109.00	Hollow drains S.W.
112.25	The cor. to secs. 5. 6. 7 & 8
	Land mountainous
	Soil 3rd rate, rocky.
	Timber dense oak brush on 112.25 chs
	Mountainous on 112.25 chs

July 13th 1901

General Description

This Tp. consists almost exclusively of very high rugged and often precipitous Mountains and Canyons. No land therein, save a few small strips in the bottom of Diamond Creek Canyon, is susceptible of cultivation. There are no settlers in the Tp., and no improvements made by settlers except a piece of old brush fence in the NW. 1/4 of sec 31 made to enclose a now abandoned field principally located in sec. 36 T. 8 S. R. 4 E.

Diamond Creek running southwesterly passes through secs. 1. 2. 11. 14. 23. 26. 27. 34. 33. 32 and 31. The course of this stream is mostly through a deep precipitous Canyon as is also the case with the Secondwater, Fifthwater and Sixthwater Creeks, its affluents from the East.

Early in the summer there are numerous

Subdivision of T. 8 S. R. 5 E.

Springs of water in the gulches but most of them dry up during the summer.

The country has been an excellent summer range for cattle and sheep, but persistent over-stocking year after year has practically killed the grass — The slopes are mostly covered with dense oak brush; the precipitous breaks have cedars — and small patches of pine timber are sometimes found on the N. slopes of the highest ridges —

In the E. ½ of Sec. 14 in the bottom of Diamond Creek Canyon are two large warm springs strongly impregnated with Mineral among which Sulphur is predominant; outside of this I found no indications of valuable Minerals — I found no trace of the applicants for this survey, Thos. Williams, Geo. H. McKenzie or Willis Simmons or their improvements.

Adolphe Jessen
U. S. Dep. Surveyor

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by .....

....., United States Deputy Surveyor, to assist in running, measuring, and king the lines and corners described in the foregoing field notes of the survey of .....

.....

wing the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....

....., United States Deputy Surveyor, in surveying all e parts or portions of the .....

.....

.....

..... of the .....

..... meridian, ... of ....., which are represented ie foregoing field notes as having been surveyed by him and under his direction; and that said survey been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the er monuments established, according to the instructions furnished by the United States Surveyor eral for .....

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

.....

scribed and sworn to before me this .....
day of ....., 180

.....

.....

SEAL

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9

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, ... , United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from ..... , United States Surveyor General for ..... , bearing date of the ..... day of ..... , 189 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for ..... , the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of ..... of the ..... meridian, in the ..... of ..... , which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for ..... and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will submit to the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

..... *United States Deputy Surveyor.*

Subscribed by said ..... , and sworn to before me this ..... day of ..... , 189

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL.

Salt Lake City, Utah, July 15, 1899.

The foregoing field notes of the survey of the subdivisions of Township 8 South, Range 5 East of the Salt Lake Base and Meridian, Utah

executed by Adolphus Jensen under his contract No. 227, dated January 28, 1899, having been critically examined, and the necessary corrections and explanations made, the said field notes, and surveys they describe, are hereby approved.

Edward M. Anderson
United States 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.

..... *United States Surveyor Ge.*

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4—679.

BOOK A-327

FILED
SEP 14 1903
97

R. 3 E.

FIELD NOTES

corrected
OF THE SURVEY OF ~~THE~~ certain parts of the

Subdivision lines

of

T. 8 S. - R. 5 E.

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Adolphe Jensen, United States Deputy Surveyor,

Under his Contract No. 227, dated January 28th, 1899

Survey commenced August 20th, 1903

Survey completed August 21st, 1903.

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NAMES AND DUTIES OF ASSISTANTS.

Harry C. Jessen
Chester O. Evans } Chair

William N. Evans { Mound Aseman

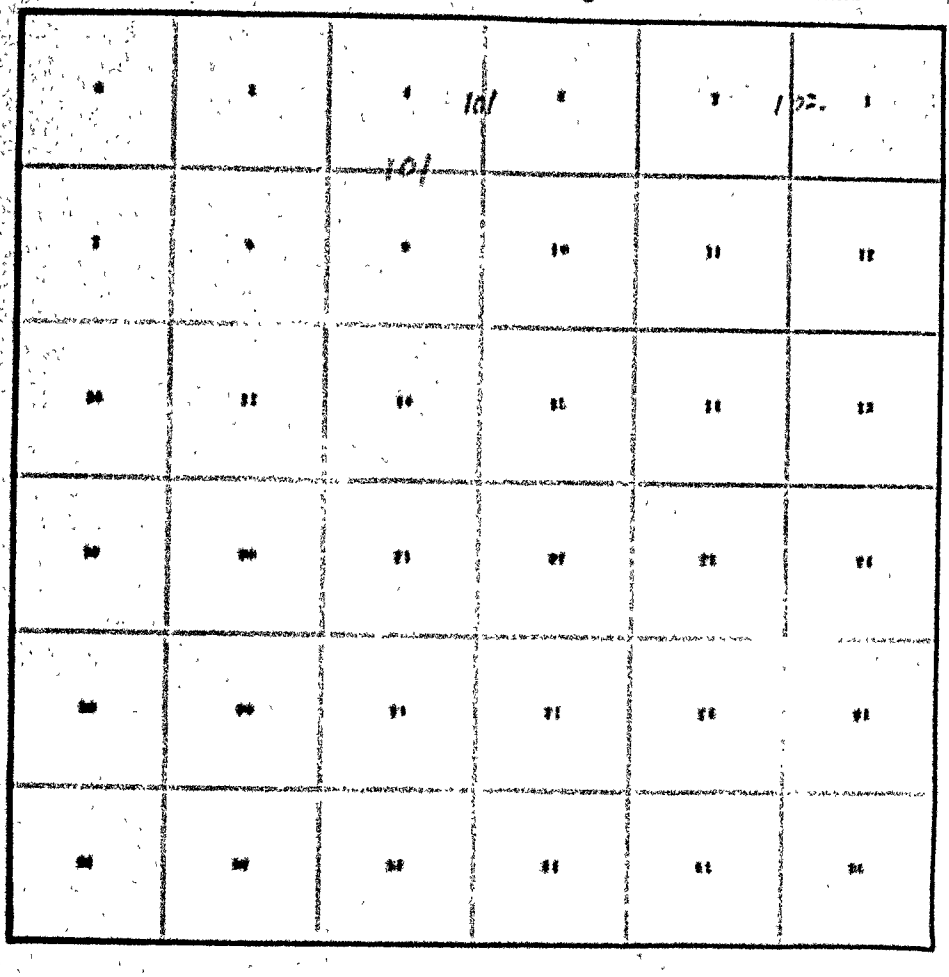
6—151

Volume
#
R0327

BOOK A-327

INDEX DIAGRAM.

Township 8S , **Range** 5E



Meanders Page

PRELIMINARY OATHS OF ASSISTANTS.

WE, Harry C. Jessen and Chester O. Evans do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the corrected survey of a part of the subdivision lines in Tps. 7 & 8 S. Rgs. 5 & 6 E. Salt Lake Me.

Harry C. Jessen, Chainman

Chester O. Evans, Chainman

Subscribed and sworn to before me this 15th day of August, 1903

SEAL

Wm H Bramel
Notary Public

~~WE,~~ I William N. Evans ~~and~~ do solemnly swear that ~~we~~ I will well and truly perform the duties of moundman in the establishment of corners, according to the instructions given ~~us~~ me, to the best of ~~our~~ my skill and ability, in the corrected survey a part of the subdivision lines in Tps. 7 & 8 S., Rgs. 5 & 6 E. Salt Lake Me.

William N Evans, Moundman

, Moundman

Subscribed and sworn to before me this 15th day of August, 1903

SEAL

Wm H Bramel
Notary Public

~~WE,~~ I William N Evans ~~and~~ do solemnly swear that ~~we~~ I will well and truly perform the duties of axman in the establishment of corners and other duties, according to instructions given ~~us~~ me, to the best of ~~our~~ my skill and ability, in the corrected survey a part of the subdivision lines in Tps. 7 & 8 S., Rgs. 5 & 6 E. Salt Lake Me.

William N Evans, Axman

, Axman

Subscribed and sworn to before me this 15th day of August, 1903

SEAL

Wm H Bramel
Notary Public

I, , do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of

, Flagman

Subscribed and sworn to before me this day of , 189

SEAL

6—151

Corrected Survey of certain Subdivision lines in T. 8 S. R. 5 E.

chs.	
	Survey commenced August 20th 1903.
	From the established cor. to secs. 3, 4, 33 & 34 on N. Bdy. of T. 8 S. R. 5 E. I run
	South. bet. secs. 3 & 4
72.40	The 1/4 sec. cor. bet. secs. 3 & 4, as described in the original field notes, in place.
112.40	The cor. to secs. 3, 4, 9 & 10, as described in my original field notes, in place.
	No change in topography
	From the established cor. to secs. 3, 4, 9 & 10 I run
	West bet. secs. 4 & 9
40.00	Make diligent search for the established 1/4 sec. cor. but fail to find it - Set temporary 1/4 sec. cor. -
80.00	Intersect N. & S. line 43 chs. S. of the established cor. to secs 4, 5, 8 & 9 which I find in place, as described in my original field notes and thence (leaving the West line run as a random line) I run
	S. 89° 42' E. on true line
	bet. secs 4 & 9
40.00	Set a sandstone 16 x 9 x 6 ins. 11 ins in the ground for 1/4 sec. cor. bet. secs. 4 & 9 marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. Sits impracticable
80.00	The cor. to secs. 3, 4, 9 & 10.
	No change in topography.
	August 20th 1903

See original notes book "B" page 34; course of true line and description of 1/4 sec. cor. changed.

See page 78 this book.

Corrected survey of certain Subdivision lines in T. 8 S. R. 5

August 21st 1903.

From the cor. to secs.
1. 2. 35 & 36 on N. Bdy of Tp. 9 runs

S. 0°05' E. bet. secs. 1 & 2

72.80 The 1/4 sec. cor. bet secs. 1 & 2, as described in my original field notes, in place.

112.80 The cor. to secs. 1. 2. 11 & 12, as described in my original field notes, in place

No change in topography

August 21st 1903

Adolphe Jensen
U. S. Dep. Surveyor

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by .....

....., United States Deputy Surveyor, to assist in running, measuring, and

rking the lines and corners described in the foregoing field notes of the survey of .....

.....

wing the respective capacities in which they acted:

For final affidavit see book 7 T. 7 S R 6 E

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....

....., United States Deputy Surveyor, in surveying all

se parts or portions of the .....

.....

.....

..... of the .....

..... meridian, ... of ....., which are represented

he foregoing field notes as having been surveyed by him and under his direction; and that said survey

been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the

ner monuments established, according to the instructions furnished by the United States Surveyor

neral for .....

For final affidavit see book 7 Tp 7 S R 6 E

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

.....

scribed and sworn to before me this .....

day of ....., 189

SEAL

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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, ______________________________, United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from ______________________________ United States Surveyor General for ______________________________, bearing date of the ______________ day of ______________________, 189 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for ______________________________, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of ______________________________

____

____

____

______________________________ of the ______________________________

______________ meridian, in the ______________ of ______________________, which are represented in the foregoing field notes as having been surveyed 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 United States Surveyor General for ______________________________ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

____
United States Deputy Surveyor.

Subscribed by said ______________________________, and sworn to before me this ______________ day of ______________________, 189

____

____

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City Utah Sept 19, 1[illegible]

The foregoing field notes of the Correction survey of the subdivisional lines of Township 8 South Range 5 East of the Salt Lake Base & Meridian, Utah

executed by Adolphe Jessen under his contract No. 227, dated January 28, 1897, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the Correction surveys they describe, are hereby approved.

Edward H Anderson
United States 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.

____
United States Surveyor General.

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4—679.

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BOOK A-327

FIELD NOTES

OF THE SURVEY OF THE

Fractional North and South
Boundaries
of
T. 8 S. — R. 6 E.

Of the Salt Lake Base & Meridian,
State of Utah

AS SURVEYED BY

Adolphus Jensen, United States Deputy Surveyor,
der his Contract No. 227, dated January 28th, 1899
rvey commenced July 14th, 1901
rvey completed July 17th, 1901

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S. Boundary length 3.76.78
N. " " 3.78.17
7.76.95

BOOK A-327

NAMES AND DUTIES OF ASSISTANTS.

Chas. B. McElroy } chainmen
T. R. Kingdon }
Chas. Cravens Moundsman
Harry A. Rager Axman
Harry Jessen Flagman

For preliminary affidavits see book "A" Tp. 8 S. R. 5 E.

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BOOK A-327

INDEX DIAGRAM.

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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level t
chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; th
we will report the true distances to all notable objects, and the true lengths of all lines that we assist
measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey

_____

_____, *Chainm*

_____, *Chainm*

Subscribed and sworn to before me this _____
day of _____, 189

_____

SEAL

_____

WE, _____ and
do solemnly swear that we will well and truly perform the duties of moundmen in the establishm
of corners, according to the instructions given us, to the best of our skill and ability, in the surve

_____

_____, *Moundm*

_____, *Moundm*

Subscribed and sworn to before me this _____
day of _____, 189

_____

SEAL

_____

WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of co
and other duties, according to instructions given us, to the best of our skill and ability, in the surv

_____

_____, *Ax*

_____, *Ax*

Subscribed and sworn to before me this _____
day of _____, 189

_____

SEAL

_____

I, _____, do solemnly swear that I will well and
perform the duties of flagman according to instructions given me, to the best of my skill and ability,
survey of _____

_____, *Flag*

Subscribed and sworn to before me this _____
day of _____, 189

_____

SEAL

_____

Fract. S. Bdy of T. 8 S. R. 6 E.

chs.

Survey commenced July 14th 1901 with instrument described in Book "A".

From the cor. to Tps. 8 & 9 S. Rgs. 5 & 6 E. established in this survey I sight on the true Meridian established there by me on June 19th 1901 and finding that my instrument still gives a mean magnetic declination of 16° 38' E. I turn from said True Meridian an angle of 90° to the East and run

East bet. secs. 6 & 31

17.00 Gulch draining N. W.

26.50 Ridge 300 ft. high bears N. & S.

38.50 Ridge 300 ft. high bears N. & S.

38.78 Set a sandstone 24 x 8 x 6 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor.
Pits impracticable — Tree distances allow for convergency of meridians

55.50 Enter dense aspen thicket

66.00 Hollow drains NW. — bears aspen thicket.

75.78 Cor. Summit of broad ridge bears NE. and SW.
Set a limestone 30 x 9 x 4 ins. 23 ins. in the ground for cor. to secs. 5. 6. 31 & 32 marked 5 notches on E. and 1 on W. edge dug pits 18 x 18 x 12 ins. in each section 5½ ft. dist., and raised a mound of earth 4 ft. base 2 ft. high W. of cor.
Land high mountainous.
Soil 3rd rate, rocky
Timber, dense aspen brush on 10.50 chs. Oak brush on balance
Mountains on 75.78 chs

East bet. secs 5 & 32

Reared boulder S.E. slope in oak brush.

40.00 Set a sandstone 18 x 10 x 6 ins. 12 ins. in the ground

chs.	
	for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor.
	Site impracticable
41.50	Hollow 100 ft. deep drains S.
80.00	Set a limestone 30×9×4 ins. 23 ins. in the ground for cor. to secs. 4. 5. 32 & 33 marked 4 notches on E. and 2 on W. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Site impracticable
	Land high Mountains
	Soil 3rd rate, rocky.
	Timber, oak brush on 80.00 chs.
	Mountainous on 80.00 chs.

East bet. secs. 4 & 33

	Ascend steep N.W. slope in brush
20.00	Ridge spur bears S.W.
27.50	Gulch drains S.W.
40.00	Set a sandstone 20×14×3 ins. 14 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor.
	Site impracticable — Enter aspen grove
80.00	Set a sandstone 18×12×9 ins. 12 ins. in the ground for cor. to secs. 3. 4. 33 & 34 marked 3 notches on E. and W. edges — from which
	An aspen 9 ins. diam. bears N. 54° 30' E. 17 lks. dist. marked T. 8 S. R. 6 E. S. 34 B.T.
	An aspen 3 ins. diam. bears N. 52° 30' W. 83 lks. dist. marked T. 8 S. R. 6 E. S. 33 B.T.
	An aspen 10 ins. diam. bears S. 41° 40' W. 98 lks. dist. marked T. 9 S. R. 6 E. S. 4 B.T.
	An aspen 9 ins. diam. bears S. 79° 30' E. 21 lks. dist. marked T. 9 S. R. 6 E. S. 3 B.T.
	Land high Mountains
	Soil 3rd rate, rocky.
	Timber — aspen brush or timber on E. 40.00 chs.

Tract: S. Bdy. T. 8 S. R. 6 E.

chs	oak brush on balance Mountainous on 80.00 chs

East bet. secs. 3 & 34

Descend S.E. slope in aspen brush

14.00 In center of small Sheep Corral set a sandstone 30 x 8 x 3 ins. 23 ins. in the ground for 1/4 sec cor. marked 1/4 on N. face
from which
An aspen 8 ins. diam. bears N. 31°45' E. 89 lks dist.; marked 1/4 S. 34 B.T.
An aspen 6 ins. diam. bears S. 33°50' E. 55 lks. dist. marked 1/4 S. 3 B.T.

40.50 Hollow drains S.W.

48.00 Ridge spur bears N.W.

56.00 Same hollow as above drains N.W. – Ascend steep S.W. slope – Leave aspen

80.00 Set a sandstone 20 x 9 x 5 ins. 15 ins. in the ground for cor. to secs. 2. 3. 34 & 35 marked 2 notches on E. and 4 on W. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
Pits impracticable
Land high mountains
Soil 3rd rate – rocky.
Timber – aspen brush and timber on W. 56.00 chs
Mountainous on 80.00 chs.

July 14th 1901

Note: This cor. falls on the W. side of the summit of a ridge about 10000 feet above sea level which forms the watershed between waters flowing into the Great Salt Lake Basin and those which run into Green River. It is locally known as the "Reservation Ridge. Its Summit is generally understood to be the West Boundary of the Uintah Indian Reservation and is patrolled as such by the Agency police force to prevent trespass by stock, hunters

Fract. S. Bdy of T. 8 S. R. 6 E.

fisherman etc. - From the records of the survey of the Bdy's of the Uintah Indian Reservation the West Bdy appears to a considerable distance East of the East Bdy. of this Tp. and finding said Bdy. in this place is an unforseen contingency.

The West Bdy. of the Uintah Indian Reservation was mostly surveyed by a serie of long Triangulations and no corners were established except mile cors. 114. 115 & 116 in the N.W. corner. Therefor I temporarily abandone this line, go to the place where said mile cors are supposed to be established, search diligently for two days and try to retrace said miles, but find no trace of the corners nor any place where the topography will agree even approximately with the field notes of said Bdy. survey.

Persistent inquiry from several stockmen who have spent the summers in this locality for a number of years and from the so called Ridge-Riders (men employed by the lessees of the Reservation grazing lands to constantly patrol the ridge and prevent stock from trespassing) fails to elicit evidence of one single cor. of said Bdy ever being found in that locality.

Therefor I abandon further search and report the facts found to the U. S. Surveyor General for Utah, who in reply gives instructions to confine my survey to the W. side of the "Reservation Ridge" and I abandon further survey of the S. Bdy of this Tp.

For general description see field notes of the final subdivision lines of this Tp.

Adolph Jessen
U. S. Dep. Surveyor

Fract. N. Bdy T. 8 S. R. 6 E.

chs.

Survey commenced July 16th 1901

At the cor. to Tps. 7 & 8 S. - Rgs. 5 & 6 E. established in this survey in Lat. 40°10' N. Long. 111°26' W. I observed Polaris in accordance with instructions in the Manual at Eastern Elongation at 11 h. 50 m P.M., Mean Solar Time, and mark a point in the line thus determined on a plug driven in the ground 5 chs. N. of my station.

July 16th 1901

July 17th 1901 - At 6:30 a.m. I run 2 deg W of the azimuth of Polaris 1° 36' to the West and mark the true Meridian thus determined by cutting a mark on a stone firmly imbedded in the ground west of the mark established last night - The magnetic bearing of said True Meridian is N. 16° 43' W. which reduced by the table on page 100 of the Manual gives the Mean magnetic declination 16° 35' E.

Thence from said Tp. cor., the East Bdy of this Tp. not being established, I run

East on true line bet secs. 6. & 31

Along broken S. slope in oak brush

28.00 Hollow drains S.W.

38.17 Arriving for convergency of meridians set a limestone 20 x 9 x 9 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and mound a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable

49.00 Ridge bears N.E. & S.W.

70.00 Hollow drains S.W.

78.17 Set a limestone 18 x 10 x 6 ins. 12 ins. in the ground for cor. to secs. 5. 6. 31 & 32 marked T. corners on

Fred. N. Bdy T. 8 S. R. 6 E.

chs E. and 1 on W. edges and mound of stone 2 ft. base 1½ ft. high W. of cor.
Pits impracticable
Land high mountains
Soil 3rd rate, rocky
Timber oak brush on 78.17 chs.
Mountainous on 78.17 chs

East on true line bet. secs. 5 & 32

Descend in oak brush over broken ridge spurs running S.W.

29.40 Wagon road bears NE. & SW.

39.90 Enter dense willow brush in bottom of Sixtheenter Creek Canyon 200 ft. deep draining S.W.

40.00 Set a sandstone 24 x 9 x 8 ins. 15 ins. in the ground for ¼ sec. cor. marked ¼ on N. face and mound of stone 2 ft. base 1½ ft. high N. of cor.
Pits impracticable

44.40 Sixtheenter Creek 10 lks. wide 12 ins. deep runs S.W.

45.00 Leave bottom and willows Ascend steep N.W. slope in aspen brush

50.00 Ridge spur bears N.. Descend over broken N. slope in aspen brush.

80.00 Set a sandstone 30 x 9 x 9 ins. 23 ins. in the ground for cor. to secs. 4. 5. 32 & 33 marked 4 notches on E. and 2 on W. edges
from which
An aspen 2½ ins. diam. bears N. 26° 30' E. 8 lks. dist., marked T. 7 S. R. 6 E. S. 33 B. T.
An aspen 2½ ins. diam. bears N. 77° W. 13 lks. dist. marked T. 7 S. R. 6 E. S. 32. B.T.
An aspen 2½ ins. diam. bears S. 32° W. 23 lks. dist. marked T. 8 S. R. 6 W. S. 5 B. T.
An aspen 2½ ins. diam bears S. 31° E. 4 lks. dist. marked T. 8. S. R. 6 W. S. 4 B. T.
Land high mountains
Soil 3rd rate. rocky.

Tract. N. Bdy of T. 8 S. R. 6 E.

chs.	
	Timber oak, willow or aspen brush on 80.00 chs Mountainous on 80.00 chs

East on true line bet. secs. 4 & 33.

	In aspen brush on N. slope
10.00	Gulch drains N.W.
20.00	Leave aspen brush
21.20	Road bears N.W. & S.E.
22.00	Sixthwater Creek (dry) in bottom of canyon 200 ft. deep drains N.W. — Ascend N.W. slope in oak brush
33.50	Ridge spur 300 ft. high bears S.W. — Descend along steep S.E. slope
40.00	Set a sandstone 16 x 12 x 10 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable
51.50	Road bears N.E. & S.W.
52.00	Sixthwater Creek 3 lks. wide 4 ins. deep runs S.W. in bottom of canyon — Ascend N.W. slope
54.00	Descend N.E. slope
55.50	Enter bottom of Sixthwater Canyon and dense willows
57.25	Sixthwater Creek 3 lks. wide 4 ins. deep runs N.W.
58.00	Leave willows and bottom of canyon — Road bears N. 70° W. & S. 70° E.
66.50	Same road bears S.W. & N.E. — reenter bottom of canyon and willows
70.00	Sixthwater Creek 3 lks. wide 4 ins. deep runs S.W. — Leave willows
71.00	Same road bears N.W. and S.E. — Leave bottom Ascend N. slope.
76.00	Enter small pine grove.
79.50	Leave same. Enter aspen.
80.00	Set a sandstone 16 x 10 x 5 ins. 11 ins. in the ground for cor. to secs. 3. 4. 33 & 34 marked 3 notches on E. & W. edges — from which An aspen 6 ins. diam. bears N. 74° 15' E. 10 lks. dist.

Chs.	marked T. 7 S. R. 6 E. S. 34 B.T.
	An aspen 4 in. diam. bears S. 38° 45' E. 7 lks. dist.
	marked T. 8 S. R. 6 E. S. 3 B.T.
	An aspen 9 in. diam. bears S. 54° W. 23 lks. dist.
	marked T. 8 S. R. 6 E. S. 4 B.T.
	An aspen 3 in. diam. bears N. 70° 30' W. 17 lks. dist.
	marked T. 7 S. R. 6 E. S. 33 B.T.
	Land high mountains
	Soil 3rd rate, rocky
	Timber. Pine and aspen timber on E. 4th chs. oak
	or willow or aspen brush on balance
	Mountainous on 5000 chs.

East on true line bet. secs. 3 & 34

	Ascend dn aspen
4 00	Leave aspen enter oak brush - Ascend along summit of ridge [illegible]
29 00	Along S. edge of pine grove
33 50	Leave pine grove
40 00	Set a sandstone 15 x 14 x 4 ins. - 12 ins. in the ground
	for 1/4 sec. cor. marked 1/4 on N. face and raised a mound
	of stone 2 ft. base 1½ ft. high N. of cor. - Pits impracticable
	A pine 15 in. diam. bears N. 60° W. 16 7 lks. marked 1/4 S.
	34 B.T. -
	Leave ridge summit - Descend N. E. slope
47 50	Dry rock in bottom of gulch drains N.W.
48 50	Old aspen trail bears N.W. and S.E. - Ascend
50 00	Set a sandstone 16 x 8 x 4 ins. 11 ins. in the ground
	for cor. to secs. 2, 3, 34 & 35 marked 2 notches on
	E. and 4 on W. edges and raised a mound of
	stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
	Land high mountains
	Soil 3rd rate
	Timber oak brush on 7/8th chs. - aspen on W. 1/8th chs.
	Mountainous on 5000 chs.

Note. The "Conservation Ridge" Summit is low

Fract. N. Bdy of T. 8 S. R. 6 E.

than one mile East of this cor. so I abandon this line here —

July 17th 1901

For general description see end of field notes of fractional Subdivisions of this Tp.

Adolphe Jensen
U. S. Deputy Surveyor

Boundaries of fractional Tp. 8 S. R. 6 E.

Latitudes, Departures and closing errors

Lines designated	True bearing	Distance chs.	Latitudes		Departures	
			North chs.	South chs.	East chs.	West chs.
South Bdy	East	318.78			318.78	
East Bdy	N. 0°03' E.	400.00	400.00		.35	
	N. 0°08' E.	113.26	113.26		.27	
North Bdy	West	318.17				318.17
East Bdy	South	513.00		513.00		
Convergency	West	...				.41
			513.26	513.00	319.40	318.58
			513.00		318.58	

Error in latitude = .26

Error in departure = .82

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by .....

....., United States Deputy Surveyor, to assist in running, measuring, and
-king the lines and corners described in the foregoing field notes of the survey of .....

.....

-wing the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....

....., United States Deputy Surveyor, in surveying all
-e parts or portions of the .....

.....

..... of the .....

meridian, ..., which are represented
-he foregoing field notes as having been surveyed by him and under his direction; and that said survey
been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the
-ner monuments established, according to the instructions furnished by the United States Surveyor
-eral for

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

.....

-scribed and sworn to before me this .....
day of ....., 189

SEAL

-PI

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, ..., United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from ....., United States Surveyor General for ....., bearing date of the ..... day of ....., 189 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for ....., the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of ..... of the ..... meridian, in the ..... of ....., which are represented in the foregoing field notes as having been surveyed 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 United States Surveyor General for ..... and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

For final official use

.....
United States Deputy Surve

Subscribed by said ....., and sworn to before me this ..... day of ....., 189

.....

SEAL

.....

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, July 15, 1902.

The foregoing field notes of the survey of the fractional North and South Boundaries of Township 8 South Range 6 East of the Salt Lake Base and Meridian, Utah

executed by Adolphe Jessen under his contract No. 227, dated January 28, 1899, having critically examined, and the necessary corrections and explanations made, the said field notes, and surveys they describe, are hereby approved.

Edward H Anderson
United States Surveyor G.

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 offi

.....
United States Surveyor Ge

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4—679.

BOOK A-327

FILED
SEP 14 1903

FIELD NOTES

corrected
OF THE SURVEY OF ~~THE~~ certain parts of the

North Boundary
of
T. 8 S. - R. 6 E.

Of the Salt Lake Base and Meridian,
State of Utah

AS SURVEYED BY

Adolphe Jensen, United States Deputy Surveyor,

Under his Contract No. 227, dated January 28th, 1899

Survey commenced August 21st, 1903

Survey completed August 21st, 1903

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NAMES AND DUTIES OF ASSISTANTS.

Harry C. Jessen } Chainmen
Chester O. Evans }

William W. Evans } Moundsman
Axeman

In preliminary affidavits see book 1 Tp 8 S R 5 E

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BOOK A-327

INDEX DIAGRAM.

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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

_____

_____, *Chainman.*

_____, *Chainman.*

Subscribed and sworn to before me this _____
day of _____, 189

SEAL

_____

_____

WE, _____ and _____

do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey

_____

_____, *Moundman.*

_____, *Moundman.*

Subscribed and sworn to before me this _____
day of _____, 189

SEAL

_____

_____

WE, _____ and _____

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey

_____

_____, *Axman.*

_____, *Axman.*

Subscribed and sworn to before me this _____
day of _____, 189

SEAL

_____

_____

I, _____, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of _____

_____, *Flagman.*

Subscribed and sworn to before me this _____
day of _____, 189

SEAL

_____

_____

Corrected Survey of a part of the North Bdy T. 8 S. R. 6 E.

chs.

Survey commenced August 21st 1903.

From the cor. to Tps. 7 & 8 S. Rgs. 5 & 6 E. S. eight over the true Meridian then established and turn from it an angle of 90° to the East. and run

East bet. secs. 6 & 31

38.17 The 1/4 sec. cor. bet secs. 6 & 31, as described in my original field notes, in place.

78.17 The cor. to secs 5. 6. 31 & 32, as described in my original field notes, in place.

No change in Topography

August 21st 1903

Adolphe Jessen
U. S. Dep. Surveyor

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PAGE

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by .....

....., United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of .....

.....

ing the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....

....., United States Deputy Surveyor, in surveying all parts or portions of the .....

.....

.....

.....of the .....

..... meridian, ...of ....., which are represented foregoing field notes as having been surveyed by him and under his direction; and that said survey been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the r monuments established, according to the instructions furnished by the United States Surveyor al for .....

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

.....

ribed and sworn to before me this .....

ay of ....., 189

SEAL

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from _____, United States Surveyor General for _____, bearing date of the _____ day of _____, 189 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____ _____ _____ _____ _____ of the _____ meridian, in the _____ of _____, which are represented in the foregoing field notes as having been surveyed 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 United States Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

_____

United States Deputy Surveyor.

Subscribed by said _____, and sworn to before me this _____ day of _____, 189

_____

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Sept 19, 1898 ~~189~~

The foregoing field notes of the survey of the Salt Boundary of Township 1 South Range 1 East of the Salt Lake Base & Meridian Utah

executed by Adolphe Jessen under his contract No 227, dated January 28th, 1897, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward M. Anderson

United States 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.

_____

United States Surveyor General.

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BOOK A-327

FIELD NOTES

OF THE SURVEY OF THE

Fractional Subdivision

of

T. 8 S. R. 6 E.

Of the Salt Lake Sea Meridian,

State of Utah

AS SURVEYED BY

Adolphe Jensen, United States Deputy Surveyor,

[illegible] his Contract No. 227, dated January 28th, 1899

[illegible] commenced July 18th, 1901

[illegible] completed July 29th, 1901

Height 45.45.74

NAMES AND DUTIES OF ASSISTANTS.

Chas B. McElroy } Chairmen
F R. Kingdon }
Chas. Cravens Moundman
Harry A Rager Axman
Harry Jessen Flagman

For preliminary affidavits see book "B" Pg 85 R5E

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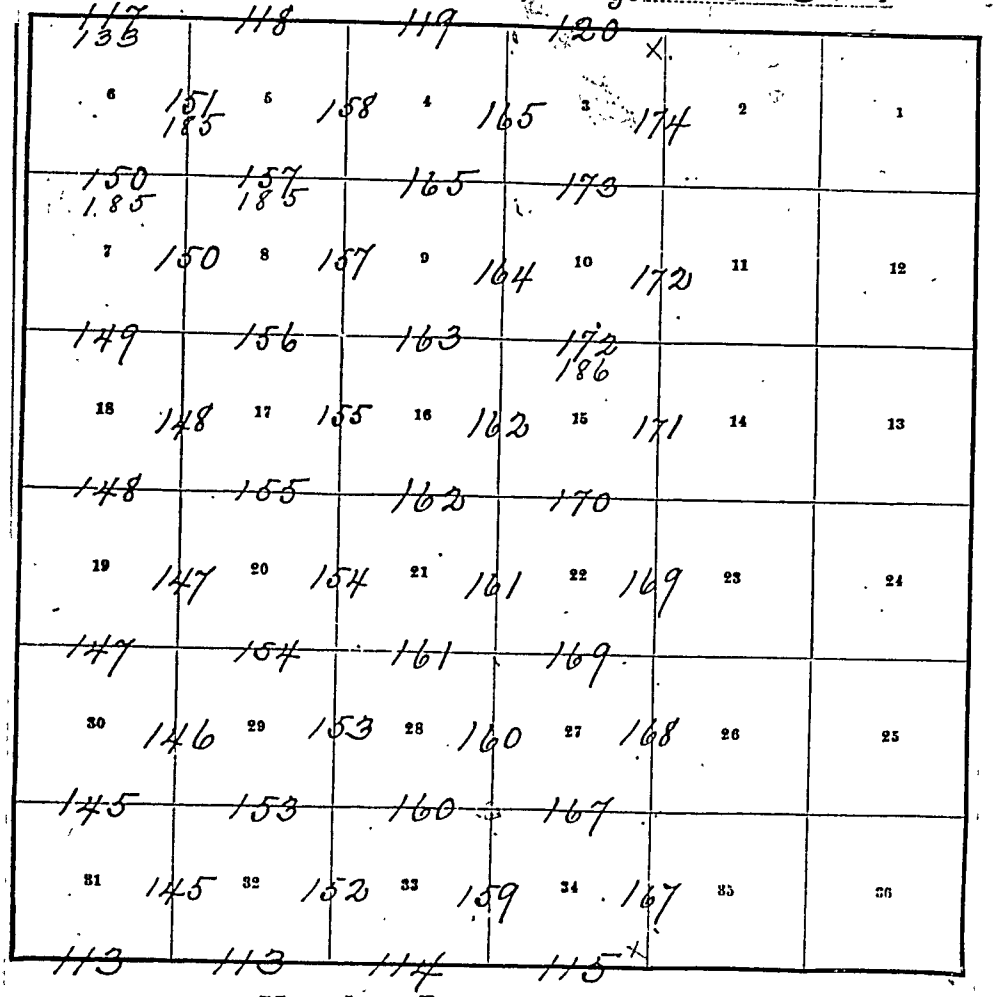
BOOK A-327

INDEX DIAGRAM.

Township 8 S., Range 6 E.



Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

We, _____ and _____
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level t
chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; tha
we will report the true distances to all notable objects, and the true lengths of all lines that we assist
measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey
_____

_____, *Chainma*

_____, *Chainma*

Subscribed and sworn to before me this _____
day of _____, 189

SEAL

_____

_____

We, _____ and _____
do solemnly swear that we will well and truly perform the duties of moundmen in the establishme
of corners, according to the instructions given us, to the best of our skill and ability, in the survey
_____

_____, *Moundm*

_____, *Moundm*

Subscribed and sworn to before me this _____
day of _____, 189

SEAL

_____

_____

We, _____ and _____
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of cc
and other duties, according to instructions given us, to the best of our skill and ability, in the survey
_____

_____, *Axm*

_____, *Axm*

Subscribed and sworn to before me this _____
day of _____, 189

SEAL

_____

_____

I, _____, do solemnly swear that I will well and
perform the duties of flagman according to instructions given me, to the best of my skill and ability, in
survey of _____

_____, *Flag*

Subscribed and sworn to before me this _____
day of _____, 189

SEAL

_____

_____

6—151

Tract Subdivisions of T. 8 S. R. 6 E.

Chs.	
	Survey commenced July 18th 1901 and executed with the instrument described in Book A.
	As the East Boundary of this Tp. being inside of the Uintah Indian Reservation cannot be surveyed & proceed to subdivide the part of the Tp. to be surveyed from W. to E. in accordance with instructions of the Manual and beginning at the cor. to secs 5. 6. 31 & 32 run
	N. 0° 01' E. bet secs. 31 & 32
	Descend
12.50	Ridge spur bears N. W.
19.50	Hollow draws W.
46.00	On Summit of broad ridge bears E. & W. set a sandstone 24 x 10 x 9 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable
55.50	Descend steep N. slope
73.00	Thirdwater Creek 5 lks. wide 6 ins. deep runs W. in bottom of canyon
80.00	Set a sandstone 20 x 9 x 4 ins. 15 ins. in the ground for cor to secs. 29. 30. 31 & 32 marked 5 notches on E. and 1 on S. edges and raised a stone mound 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable
	Land high mountains
	Soil 3rd rate, rocky.
	Timber oak brush on 80.00 chs.
	Mountainous on 80.00 chs.
	West on random line bet secs. 30 & 31
40.00	Set temp 1/4 sec. cor.
78.75	Intersect W. Bdy of Tp. at cor. to secs. 25. 30. 31 & 36 - Thence I run
	East on true line bet. secs. 30 & 31

Fnal. Subdivision of T. 8 S. R. 6 E.

chs.	Soil 3rd rate, rocky. Timber scattering oak brush Mountainous on 80.00 chs
	West on meander line bet. secs. 19 & 30
40.00	Set temp. 1/4 sec. cor.
78.70	Intersect W. Bdy of Tp. at cor. to secs. 19. 24. 25 & 30 Thence S. one
	East on true line bet. secs. 19 & 30
	Along N. side of summit of ridge 4 mins. in oak brush
15.00	Ridge 1500 ft. higher than Creek bears N. & S.
38.70	Set a sandstone 18 x 10 x 9 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable
44.00	Fifteenmile Creek 10 lks. wide 12 ins. deep runs S.W. in bottom of Canyon
62.00	Ridge bears NE and S.W.
78.70	The cor. to secs. 19. 20. 29 & 30 Land high mountainous Soil 3rd rate, rocky. Timber oak brush on 78.70 chs. Mountainous on 78.70 chs
	July 18th 1901
	N. 0°01' E. bet. secs. 19 & 20
8.00	Ridge spur bears NE. — Descend in dense oak and aspen brush
31.00	Fifteenmile Creek 10 lks. wide 12 ins. deep runs S.W. in bottom of Canyon 300 ft. deep
40.00	Set a sandstone 20 x 14 x 5 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable

Subd. Subdivision of T. 8 S. R. 6 E.

chs.	
55.00	Ridge spur bears E.
66.50	Hollow drains E.
80.00	Set a limestone 18×6×5 ins. 12 ins. in the ground for cor. to secs. 17. 18. 19 & 20 marked 5 notches on E. and 3 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable.
	Land high mountains
	Soil 3rd rate, rocky.
	Timber aspen or oak brush on 80.00 chs.
	Mountainous on 80.00 chs

West on random line bet. secs. 18 & 19

40.00	Set temp. ¼ sec. cor.
78.68	Intersect W. Bdy of Tp. at cor. to secs. 13. 18 19 & 24 Thence S run

East on true line bet. secs. 18 & 19

	Ground in oak brush
6.00	Ridge spur bears N. 70° W.
26.00	Gulch bears N. 70° W.
33.00	Enter broad ridge bears N.W. and E.
38.68	Set a sandstone 12×10×8 ins. 8 ins. in the ground for ¼ sec. cor. marked ¼ on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor.
57.00	Ridge 500 ft. high bears N. & S.
78.68	The cor. to secs. 17. 18. 19 and 20
	Land high mountains
	Soil 3rd rate, rocky.
	Timber oak brush on 78.68 chs.
	Mountainous on 78.68 chs.

N. 0° 01' E. bet. secs. 17 & 18

40.00	Set a white limestone 16×14×8 ins. 11 ins. in the

Frac. Subdivision of T. 8 S. R. 6 E.

chs.	ground for 1/4 sec. cor marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable
70.00	Hollow drains NW - Small spring in same bears East 3.5 chs.
80.00	Set a limestone 18 x 9 x 5 ins. 12 ins. in the ground for cor. to secs. 7. 8. 17 x 18 marked 5 notches on E. and 4 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Land rolling hills Soil 2nd rate, rocky. Timber - scattering oak brush Mountainous on 80.00 chs.

West on random line bet. secs. 7 x 18

40.00	Set stone 1/4 sec. cor.
78.55	Intersect W. Bdy of Tp. at cor. to secs. 7. 12. 13 and 18 established in this survey - Thence I run East on True line bet. secs. 7 x 18
	Descend steep S.E. slope in oak brush
5.00	Spring Branch 3 lks. wide 4 ins. deep runs S.W. in bottom of gulch.
38.55	Set a limestone 18 x 7 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which An aspen 3 ins. diam. bears N. 28° 15' W. 30 lks. dist.; marked 1/4 S. 7 B. T. An oak 2½ ins. diam. bears S. 45° 30' E. 23 lks. dist.; marked 1/4 S. 18 B. T.
72.00	Gulch drains N.W.
78.55	The cor. to secs. 7. 8. 17. & 18 Land high mountains Soil 3rd rate, rocky Timber oak and aspen brush on 78.55 chs Mountainous on 78.55 chs.

July 19th 1901

Final. Subdivision of T. 8 S. R. 6 E.

chs	
	N. 0°01' E. bet. secs. 7 & 8
1.50	Gully draines W.
18.50	Hollow drains S.W.
20.50	Ridge spur bears W.
28.50	Hollow drains S.W.
37.00	Ridge spur bears W.
40.00	Set a limestone 15 x 7 x 6 ins 10 ins in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable
58.00	Spring Branch (from Spring bears N. 55° E. 5 chs dist.) 3 lks. wide 5 ins. deep runs S.W. in bottom of hollow —
67.00	Ridge spur bears S.W.
72.00	Hollow drains S.W.
80.00	Set a sandstone 24 x 10 x 9 ins. 18 ins. in the ground for cor. to secs. 5. 6. 7 & 8 marked 5 notches on E. and S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Land broken mountains Soil 3rd rate, rocky Timber oak brush on 80.00 chs Mountainous on 80.00 chs
	West on random line bet secs. 6 & 7
40.00	Set temp 1/4 sec: cor.
78.40	Intersect W. Bdy of Tp 10 lks. S. of cor. to secs 1. 6. 7 & 12 established in this survey — Thence I run S. 89° 56' E. on random line bet secs. 6 & 7
	Descend E. slope in scattering oak brush
14.00	Tatham water Creek 10 lks. wide 12 ins. deep runs S. in bottom of canyon 100 ft. deep —

Tract. Subdivision of T. 8 S. R. 6 E.

chs.	
33.00	Ridge spur bears N.W.
38.40	Set a limestone 20 x 12 x 6 ins. 15 ins in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. pits imp.
60.00	Hollow drains N.W.
78.40	The cor. to secs. 5. 6. 7 & 8
	Land broken mountains
	Soil 3rd rate, rocky.
	Timber scattering oak brush
	Mountainous on 78.40 chs

N. 0°01' E. on random line bet. secs. 5 & 6

40.00	Set temp. 1/4 sec. cor.
112.92	Intersect N. Bdy of Tp. 13 lks. E. of cor. to secs 5. 6. 31 & 32 established in this survey. Thence 3 rms

S. 0°05' E. on true line bet. secs. 5 & 6

Descend

16.00	Wagon road bears N.E. & S.W.
17.00	Sixthwater Creek 10 lks. wide 12 ins. deep runs S.W. in bottom of Canyon 100 ft. deep
39.00	Ascend brushy N.W. slope
72.00	Ridge spur bears W.
72.92	Set a sandstone 16 x 12 x 8 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
80.00	Gulch drains W.
93.00	Gulch drains W.
99.50	Ridge spur bears W.
112.92	The cor. to secs. 5. 6. 7 & 8
	Land broken mountains
	Soil 3rd rate, rocky
	Timber oak brush on 112.92 chs
	Mountainous on 112.92 chs

Fact. Subdivision of T. 8 S. R. 6 E.

chs.

At the cor. to secs. 4. 5. 32 and 33 on S. Bdy of Tp. established in this survey in Lat. 40°04' N. Long. 111°18' W. at 11 h. 34 m. P.M. Mean Solar Time Polaris Polaris at Eastern Elongation in accordance with instructions of the Manual, and mark the line thus determined on a pilaster driven in the ground 5 lks N. of my station

July 20th 1901

July 21st 1901 — At. 6:30 a.m. I. on L. 2 lay off the azimuth of Polaris 1°36' to the west and mark the true Meridian thus determined by cutting a mark on a stone firmly imbedded in the ground west of the mark established last night. — The magnetic bearing of said true Meridian is N. 16° 43' W. which reduced by the table on Page 100 of the Manual gives the Mean magnetic declination 16°38' E.

Then from and on to secs. 4. 5. 32 & 33 I run

N. 0°02' E. bet secs. 32 & 33

Access'd S. slope in oak brush

20.00 Ridge 250 ft. high bears E. & W.

39.50 Hollow drains W.

40.00 Set a sandstone 20 x 10 x 4 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and mound. a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable

63.00 Ridge bears E. & W.

80.00 Set a limestone 30 x 8 x 3 ins. 23 ins. in the ground for cor. to secs. 28. 29. 32 & 33 marked 4 notches on E. and 1 on S. edges and mound a mound of stone 2 ft. base 1½ ft. high W. of cor

Pits impracticable

Passed high Mountains

Soil 3rd rate. rocky

Fract. Subdivision of T. 8 S. R. 6 E.

chs.	Timber – oak brush on 80.00 chs. Mountainous on 80.00 chs
	West on random line bet. secs. 29 & 32
4.00	Set temp 1/4 sec. cor.
80.11	Intersect N. & S. line 10 lks. S. of cor. to secs 29 30. 31 & 32 – Thence S. on
	S. 89° 56' E. on true line bet. secs. 29 & 32
	Along broken S. slope in oak brush
11.00	Gulch drains S.
40.06	Set a sandstone 30 x 8 x 6 ins. 23 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1 1/2 ft. high N. of cor.
	Pits impracticable
45.00	Thirdwater Creek 5 lks. wide 6 ins. deep runs S. 70° W. in bottom of canon.
80.11	To cor. to secs. 28. 29. 32 & 33
	Land high mountains
	Soil 3rd rate, rocky –
	Timber oak brush on 80.11 chs
	Mountainous on 80.11 chs
	N. 0° 02' E. bet. secs. 28 & 29
7.00	Thirdwater Creek 5 lks. wide 6 ins. deep runs W. in bottom of canon. – Ascend over low broken ridges in oak brush.
33.00	Main ridge dividing Third- & Fourthwater Creek bears E. & W.
40.00	Set a sandstone 34 x 9 x 4 ins. 25 ins. in the ground for 1/4 sec cor. – marked 1/4 on W. face and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.
	Pits impracticable
58.30	Fourthwater Creek 5 lks. wide 6 ins. deep runs W. in bottom of hollow – Ascend over broken ridges
80.00	Set a sandstone 18 x 12 x 6 ins. 12 ins. in the ground

chs.	for cor. to secs. 20. 21. 28 & 29 marked 4 notches on [illegible] and 2 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
	Land broken mountains
	Soil 3rd rate rocky
	Timber oak brush on 80.00 chs
	Mountainous on 80.00 chs
	N. 89° 56' W. on random line bet. secs 20 & 29
40.00	Set temp. ¼ sec. cor.
80.05	Intersect N. & S. line 30 lks. N. of cor. to secs. 19. 20 29 & 30. – Thence I run
	N. 89° 51' E. on true line bet. secs 20 & 29
	Descend S. E. slope
10.00	Hollow drains N.E. now over rolling hills
40.03	Set a sandstone 12 x 10 x 8 ins. 8 ins. in the ground for ¼ sec. cor. marked ¼ on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor.
	Pits impracticable
80.05	The cor. to secs 20. 21. 28 & 29
	Land rolling mountains
	Soil 3rd rate, rocky.
	Timber scattering oak brush
	Mountainous on 80.05 chs.
	July 21st 1901
	N. 0° 02' E. bet. secs 20 & 21
	Gradual ascent over rolling hills
40.00	Set a sandstone 24 x 18 x 6 ins. 18 ins. in the ground for ¼ sec. cor. marked ¼ on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
53.50	Ridge spur 400 ft. high bears S.W.

Fwd. Subdivision of T. 8 S. R. 6 E.

chs	
80.00	Set a limestone 16 x 12 x 4 ins. 11 ins. in the ground for cor. to secs. 16. 17. 20 & 21 marked 4 notches on E. and 3 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Land rolling mountainous Soil 3rd rate, rocky. Timber — scattering oak brush Mountainous on 80.00 chs
	N. 89° 51' W. on random line bet. secs. 17 & 20
40.00	Set twigs ¼ sec. cor.
80.08	Intersect N. & S. line 12 lks. S. of cor. to secs 17. 18 19 & 20 — Thence N run N. 89° 56' E. on true line bet secs. 17 & 20
	Descend over rolling hills in scattering oak brush
40.04	Set a stone of limestone 20 x 14 x 3 ins. 15 ins. in the ground for ¼ sec. cor. marked ¼ on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable
45.00	Gully drains S. W.
60.00	Fifthwater Creek 10 lks. wide 12 ins. deep runs S. W. in bottom of canyon 75 ft. deep
80.08	The cor. to secs. 16. 17. 20 & 21 Land rolling mountains Soil 3rd rate, rocky. Timber scattering oak brush Mountainous on 80.08 chs
	N. 0° 02' E. bet secs. 16 & 17
	Descend in dense oak brush.
7.00	Gully drains NW.
15.00	Fifthwater Creek 10 lks. wide 12 ins. deep runs S. W. in Canyon 100 ft. deep — Ascend broken S. & W.

Fract. Subdivision of T. 8 S. R. 6 E.

chs.	slope in dense oak brush
35.00	Gully drains S. 15° W.
40.00	Set a sandstone 14 x 12 x 5 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable
80.00	Set a sandstone 22 x 12 x 6 ins. 15 ins. in the ground for cor. to secs. 8. 9. 16 & 17 marked 4 notches on E. and S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Land high mountains Soil 3rd rate, rocky. Timber dense oak brush on 80.00 chs. Mountainous on 80.00 chs

S. 89° 56' W. on random line bet. secs. 8 & 17

40.00	Set temp. 1/4 sec. cor.
80.00	Intersect W. & S. line 10 lks. S. of cor. to secs. 7. 8. 17 & 18 — Runs S. and E.

East on true line bet. secs. 8 & 17

7.00	Ridge spur bears S. W.
20.00	Gulch drains S. W.
40.00	Set a limestone 14 x 12 x 7 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable
47.00	Ridge spur 500 ft. high bears S. W.
66.00	Gulch drains S. W.
80.00	Cor. to secs. 8. 9. 16 & 17 Land high mountains Soil 3rd rate, rocky. Timber oak and aspen brush on 80.00 chs Mountainous on 80.00 chs

July 22nd 1901

Subd. Subdivision of T. 8 S. R. 6 E.

chs.	
	N. 0°02' E. bet secs. 8 & 9
	Ascend along W. slope in scattering oak and aspen brush
29.00	Ridge 500 ft. high bears NE. and SW., runs along the broken W. slope of this ridge which is locally known as "Graveyard Hill" in aspen undergrowth and scattering pines
40.00	Set a sandstone 16 x 7 x 5 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which An aspen 9 ins. diam bears S. 22° 10' W. 55 lks dist. marked 1/4 S. 8 B.T. An aspen 10 ins. diam bears S. 19° 15' E. 60 lks. dist. marked 1/4 S. 9 B.T.
80.00	Set a sandstone 24 x 12 x 4 ins. 18 ins. in the ground for cor. to secs. 4.5.8 & 9 marked 4 notches on E. and 5 on S. edges from which An aspen 3 ins. diam bears N. 8° 30' E. 15 lks. dist marked T. 8 S. R. 6 E. S. 4 B.T. An aspen 9 ins. diam. bears N. 64° W. 20 lks. dist. marked T. 8 S. R. 6 E. S. 5 B.T. An aspen 9 ins. diam bears S. 50° W. 35 lks dist marked T. 8 S. R. 6 E. S. 8 B.T. An aspen 5 ins. dia bears S. 32° 15' E. 27 lks. dist. marked T. 8 S. R. 6 E. S. 9 B.T. Land high mountains Soil 3rd rate, rocky. Timber dense brush mostly aspen on 80.00 chs. some aspen and pine trees Mountainous on 80.00 chs

	West on random line bet. secs. 5 & 8
40.00	Set Temp. 1/4 sec. cor.
80.00	Intersect N. & S. line at cor. to secs. 5. 6. 7 & 8 Thence S. runs

Excl. Subdivision of T. 8 S. R. 6 E.

chs.	
	East on true line bet. secs. 5 & 8
	Ascend along broken S. slope in oak brush
5.00	Gulch draws S. 10° W.
25.00	Gulch draws S. 10° W.
38.50	Gulch draws S. 10° W.
40.00	Set a sandstone 20 x 8 x 4 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and mound a mound of stone 2 ft. base 1½ ft. high N. of cor. — Pits unpracticable.
65.00	Gulch draws S.W. — Ascend very steep W. slope
80.00	The cor. to secs. 4. 5. 8 & 9
	Land high mountains
	Soil 3rd rate, rocky
	Timber oak and some aspen brush on 80.00 chs
	Mountainous on 80.00 chs

	N. 0°02' E. on random line bet. secs. 4 & 5
40.00	Set temp. 1/4 sec. cor.
112.86	Intersect W. Bdy of Tp. 5 lks. E of cor. to secs. 4. 5. 32 & 33 established in this survey. Thence I run
	South on true line bet. secs. 4 & 5
	Ascend in aspen brush and timber most of which is dead, also a few scattering pines
5.00	Hollow draws N.E.
64.00	Ascend pt very steep on NW. slope
72.86	Set a sandstone 18 x 9 x 4 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
	An aspen 3 ins. diam bears N. 44° 15' W. 17 lks. dist.; marked 1/4 S. 5 B.T.
	An aspen 7 ins. diam. bears S. 33° 10' E. 25 lks. dist.; marked 1/4 S. 4 B.T.
95.00	Ridge 2000 ft. higher than Creek bears E. & W. separating Fifteenmile and Sixteenmile Creeks

Subd. Subdivision of T. 8 S. R. 6 E.

Chs.
100.00 Gulch drains S.W.
112.86 The cor. to secs 4. 5. 8 & 9
Land high mountains
Soil 3rd rate, rocky.
Timber much aspen and oak brush in places very dense, some scattering aspen and pine trees
Mountainous on 112.86 chs

July 23rd 1901

From the cor. to secs. 3. 4. 33 & 34 on S. Bdy of Tp. established in this survey 2 mm

N. 0°02' E. bet. secs. 33 & 34

Ascend in aspen brush
9.50 Ridge 700 ft. high bears E. & W. — Descend in aspen and pine timber
40.00 Set a sandstone 18 x 12 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
A pine 12 ins. diam. bears N. 27° 30' W. 20 lks. dist. marked 1/4 S. 33 B.T.
A pine 20 ins. diam. bears S. 64° E. 15 lks. dist. marked 1/4 S. 34 B.T.
42.50 Enter pine and aspen timber
79.80 Thurlwater Creek 3 lks. wide 4 ins. deep runs NW. in bottom of canyon
80.00 Set a sandstone 30 x 18 x 6 ins. 23 ins. in the ground for cor. to secs 27. 28. 33 & 34 marked 3 notches on E. and 1 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
Pits impracticable
Land high mountains
Soil 3rd rate, rocky.
Timber Pine and aspen timber on 33.00 chs aspen or oak brush on balance
Mountainous on 80.00 chs

Fract. Subdivision of T. 8 S. R 6 E.

chs.	
	West on meand. line bet. secs. 28 & 33
40.00	Set temp. 1/4 sec. cor.
79.94	Intersect N. & S. line 7 lks. E. of cor. to secs 28. 29. 32 & 33 – Thence I run S. 89° 57' E. on meand. line bet. secs. 28 & 33
	Ascend bottom N.W. slope in oak brush
39.97	Set a sandstone 18 x 10 x 4 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable
79.00	Northwater Creek 3 lks. wide 4 ins. deep runs N.W. in canyon –
79.94	The cor. to secs 27. 28. 33 & 34
	Land high mountains
	Soil 3rd rate, rocky.
	Timber oak brush on 79.94 chs.
	Mountainous on 79.94 chs

N. 0° 02' E. bet. secs. 27 & 28

23.00	Ridge spur bears S.W.
30.00	Hollow drains S.W.
40.00	Set a sandstone 16 x 10 x 7 ins. 11 ins. in the gd. for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable
52.00	Ridge 500 ft. high bears E. & W.
70.50	Fourthwater Creek 3 lks. wide 4 ins. deep runs W. in bottom of canyon
80.00	Set a sandstone 30 x 16 x 6 ins. 23 ins. in the gd. for cor. to secs. 21. 22. 27 & 28 marked 3 notches on and 2 on S. edges and raised a mound of stone 2 ft. base 1½ ft high W. of cor. Pits impracticable Land high mountains Soil 3rd rate, rocky.

Fractional Subdivision T. 8 S. R. 6 E.

Chs.	Timber oak and aspen brush on 80.00 chs Mountainous on 80.00 chs
	N. 89° 57' W. on random line bet. secs. 21 & 28
40.00	Set temp ¼ sec. cor.
80.06	Intersect W. & S. line 3 lks. S. of cor. to secs. 20. 21. 28 & 29. Thence S on S. 89° 56' E. on true line bet. secs. 21 & 28
	Descend broken S. E. slope
35.00	Gulch drains S.
40.03	Set a sandstone 20 x 8 x 4 ins. 15 ins. in the ground for ¼ sec. cor. marked ¼ on W. face from which An aspen 9 ins. diam. bears N. 11° 30' W. 16 lks. dist. marked ¼ S 21 B T. An aspen 3 ins. diam bears S. 15° E. 22 lks. dist. marked ¼ S. 28 B.T.
55.00	Spring Branch 2 lks. wide 3 ins. deep runs S.W. in bottom of hollow
80.06	The cor. to secs. 21. 22. 27 & 28 Land, broken mountains Soil 3rd rate, rocky. Timber oak or aspen brush on 80.06 chs. Mountainous on 80.06 chs
	July 24th 1901
	N. 0° 02' E. bet. secs. 21 & 22
	Descend broken S. slope in oak brush
20.00	Ridge open bears S.W.
40.00	Set a sandstone 30 x 8 x 4 ins. 23 ins. in the ground for ¼ sec. cor. marked ¼ on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable
46.10	Hollow drains S. W.

Tract. Subdivision T. 8 S. R. 6 E.

Chs. 75.00	Ridge 2000 ft. above Creek bears E. & W.
80.00	Set a sandstone 18 x 12 x 5 ins. 12 ins. in the ... for cor. to secs. 15. 16. 21 & 22 marked 8 S. on NE. and 6 E. on S.E. faces together with 3 notches on E. & S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
	Land high Mountains
	Soil 3rd rate, rocky.
	Timber oak or aspen brush on 80.00 chs
	Mountainous on 80.00 chs.
	N. 89° 56' W. on random line bet. secs 16 & 21
40.00	Set temp. ¼ sec. cor.
80.00	Intersect N. & S. line 10 lks. N. of cor. to secs 16. 17. 21 and 22 — Thence I run
	East on true line bet. secs. 16 & 21
4.00	Gulch drains NW. — Ascend along broken S. slope in dense oak or aspen brush.
40.00	Above head of hollow drains N. — Falls on Stationary sandstone 3 x 2 x 2 ft. — At the exact cor. point I make a cross (x) for ¼ sec. cor. — mark ¼ on N. side of same and raise a mo of stone 2 ft. base 1½ ft. high N. of cor.
	Pits impracticable.
80.00	The cor to secs. 15. 16. 21 & 22
	Land high mountains
	Soil 3rd rate, rocky.
	Timber dense oak or aspen brush on 80.00 chs. a few scattering pines
	Mountainous on 80.00 chs
	N. 0° 02' E. bet. secs. 15 & 16
	Steep descent in dense aspen brush and a few

Fractional Subdivision of T 8 S. R. 6 E.

chs	
	scattering pines
40.00	Set a sandstone 20 × 11 × 9 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which An aspen 2 ins. diam. bears S. 25° E. 12 lks. dist.; marked 1/4 S. 15 B. T. An aspen 2 ins. diam. bears S. 17° W. 18 lks. dist marked 1/4 S. 16 B. T.
48.00	South Fork of Fifthwater Creek 5 lks. wide 6 ins. deep runs W. in bottom of steep Cañon 200 ft. deep. A spring bears W. about 20. chs dist. Ascend steep S. slope in oak brush — bears aspen and pine.
61.00	Now along broken W. slope
80.00	Set a sandstone 18 × 10 × 8 ins. 12 ins. in the ground for cor. to secs. 9. 10. 15 & 16 marked 3 notches on E. and 4 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Land high mountains Soil 3rd rate, rocky. Timber — dense oak or aspen brush on 80.00 chs. scattering pines on S. 48.00 chs. Mountainous on 80.00 chs

West on random line bet. secs. 9 & 16

40.00	Set temp. 1/4 sec. cor.
80.00	Intersect N. & S. line at cor. to secs. 8. 9. 16 & 17 Thence 2 rds East on true line bet. secs. 9 & 16
5.00	Broad ridge spur bears S. — The S. end of Graveyard Hill. — . Descend in oak and aspen brush.
40.00	Set a sandstone 16 × 10 × 8 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable An aspen 3 ins. in diam. bears N. 16° E. 66 lks. dist.

Fract. Subdivision of T. 8 S. R. 6 E.

chs	marked 1/4 S. 9 B. T.
62.00	N. Fork of Fifthwater Creek 5 lks. wide 6 ins. deep runs S. in Cañon 100 ft. deep — Very steep ascent in oak brush
80.00	The cor. to secs. 9. 10. 15 & 16 Land high mountains Soil 3rd rate Timber oak and aspen brush on 75.00 chs Mountainous on 80.00 chs July 25th 1901

N. 0°02' E. bet secs. 9 & 10

2.00	Ascend very steep N. slope
8.00	Enter scattering pine and aspen
13.00	Leave pine and aspen — North Fork of Fifthwater Creek 5 lks. wide 6 ins. deep runs S.W. in Cañon 200 ft. deep — Ascend very steep S. slope in oak brush.
32.00	Ascent get more gradual — Re. enter aspen brush
40.00	Set a sandstone 16 x 10 x 6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable
73.00	Summit of broad ridge open 2000 ft. above Creek bears S.W.
80.00	Set a sandstone 14 x 10 x 8 ins. 9 ins. in the ground for cor. to secs. 3. 4. 9 & 10 marked 3 notches on E. and 5 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Land high mountains Soil 3rd rate, rocky. Timber — aspen or oak brush in 80.00 chs a few scattering cedars Mountainous on 80.00 chs

Subd. Subdivision of T. 8 S. R. 6 E.

Chs.	
	West on random line bet. secs. 4 & 9
40.00	Set temp. 1/4 sec. cor.
80.06	Intersect N. & S. line 12 lks. E. of cor. to secs 4. 5. 8 & 9 — Thence I saw S. 89° 55' E. on true line bet. secs. 4 & 9
	Ascend in dense aspen and oak brush
15.00	Enter broad rolling summit of Graveyard hill 200 ft. higher than Creek bears N. & S. Enter scattering pines
25.00	Descend on E. slope
40.03	Set a sandstone 14 x 10 x 8 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which A pine 10 ins. diam bears N. 16° 30' W. 31 lks. dist. marked 1/4 S. 4 B. T. A pine 12 ins. diam. bears S. 23° 30' E. 94 lks. dist. marked 1/4 S. 9 B. T.
54.00	Spring Branch 2 lks. wide 3 ins. deep runs S. in hollow heads 7.00 chs. N.E.
80.06	The cor. to secs. 3. 4. 9 & 10 Land high mountainous Soil 3rd rate, rocky. Timber aspen and oak brush on 80.06 chs and scattering pines Mountainous on 80.06 chs

	N. 0° 02' E. on random line bet. secs. 3 & 4
40.00	Set temp 1/4 sec. cor.
113.18	Intersect N. Bdy of Tp. 19 lks. W. of cor. to secs. 3. 4. 33 & 34 established in this survey. Thence I saw S. 0° 08' W. on true line bet. secs. 3 & 4
1.00	Summit of ridge open bears W.
4.00	Set Bitterwater Creek 3 lks. wide 4 ins. deep runs W. in bottom of hollow

Fractional Subdivision of T. 8 S. R. 6 E.

chs	
7.00	Enter dense aspen brush and trees – Ascend along N.W. slope
24.00	Spring Branch 2 lks. wide 4 ins. deep runs N.W. in hollow
73.18	Set a sandstone 20 x 8 x 5 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face
	from which
	An aspen 9 ins. diam. bears S. 17° 30' W. 12 lks. dist. marked 1/4 S. 4 B.T.
	An aspen 3 ins. diam. bears S. 36° E. 6 lks. dist. marked 1/4 S. 3 B.T.
81.00	Divide between Sixthwater and Fifthwater Creeks 2000 ft. above Creek bears E. & W.
88.00	Head of hollow drains S.W.
113.18	The cor. to secs. 3. 4. 9 & 10
	Land high mountains
	Soil 3rd rate, rocky.
	Timber aspen and oak brush on 113.18 chs some aspen timber –
	Mountainous on 113.18 chs

At the cor to secs 2. 3. 34 & 35 on S. Bdy of Tp. established in this survey in Lat. 40° 04' N. Long. 111° 15' W. – at 11 h. 11 m. P.M. Mean Solar time I observe Polaris at Eastern Elongation in accordance with instructions of the Manual and mark the line thus determined on a plug driven in the ground 5 chs. N. of my station.

July 26th 1901

July 27th 1901 – At 6:30 A.M. l. m. t. I lay off the azimuth of Polaris 1° 36' to the west and mark the true Meridian thus determined by cutting a mark on a stone firmly imbedded in the ground West of the mark established last night. The magnetic bearing of said true Meridian

chs. is N. 16°43' W. which reduced by the table on page 100 of the Manual gives the mean magnetic declination 16°38' E.

From said cor. to secs. 2. 3. 34 & 35
I run

N. 0°03' E. bet. secs. 34 & 35.

4.00 Hollow drains W. — Ascend
20.00 Enter very broad Summit of the Reservation Ridge bears N. and S.E.
22.00 Enter dense aspen brush and timber
40.00 Set a sandstone 14 x 9 x 7 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
An aspen 9 ins. diam. bears S. 37° W. 10 lks. dist. marked 1/4 T. 34 B. T.
An aspen 9 ins. diam. bears S. 62°15 E. 23 lks. dist. marked 1/4 T. 35 B. T.
80.00 Set a sandstone 20 x 9 x 5 ins. 15 ins. in the ground for cor. to secs. 26. 27. 34 & 35 marked 2 notches on E. and 1 on S. edges from which
An aspen 7 ins. diam bears N. 20°30' E. 70 lks. dist. — marked T. 8 S. R. 6 E. S. 26 B. T.
An aspen 5 ins. diam bears N. 22° W. 1.66 chs. dist. — marked T. 8 S. R. 6 E. S. 27 B. T.
An aspen 7 ins. diam. bears S. 54° W. 1.32 chs dist. — marked T. 8 S. R. 6 E. S. 34 B. T.
An aspen 8 ins. diam bears S. 12°30' E. 1.76 chs. dist. — marked T. 8 S. R. 6 E. S. 35 B. T.
Land high mountains
Soil 3rd rate, rocky.
Timber — dense aspen brush and timber on N. 58 chs.
Mountainous on 80.00 chs.

West on random line bet. secs. 27 & 34

40.00 Set temp. 1/4 sec. cor.
80.04 Intersect N. & S. line 1/4 chs. N. of cor. to secs.

Trac. Subdivision of T. 8 S. R. 6 E.

chs.	27. 28. 33 & 34 - Thence I run N. 89° 54' E. on true line bet secs. 27 & 34 Ascend
12.50	Ridge spur bears S.
17.50	Hollow drains S.W. - Ascend Reservation Ridge in oak and aspen brush.
40.02	Set a sandstone 18 x 12 x 4 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. - Pits impracticable
75.00	Enter broad Summit of Reservation ridge bears N. & S.
80.04	The cor. to secs. 26. 27. 34 & 35 Land high mountains Soil 3rd rate, rocky. Timber - oak and aspen brush Mountainous on 80.04 chs.

N. 0° 03' E. bet. secs. 26 & 27

Along broad Summit of Reservation Ridge in dense aspen brush and much fallen timber.

40.00	Set a sandstone 14 x 8 x 5 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which An aspen 9 ins diam. bears S. 16° 15' W. 21 lbs. dist. marked 1/4 S. 27 B.T. An aspen 8 ins. diam bears S. 27° 30' E. 12 lbs. dist. marked 1/4 S. 26 B.T.
65.00	Summit of Reservation Ridge bears N.E. and S. Descend N.W. slope - Leave aspen
80.00	Set a sandstone 26 x 10 x 4 ins. 19 ins. in the ground for cor. to secs. 22. 23. 26 & 27 marked 2 notches on E. and S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Land high mountains Soil 3rd rate, rocky.

Subd. Subdivision of T. 8 S. R. 6 E.

chs.	Timber. dense aspen on S. 65.00 chs. Mountainous on 80.00 chs
	S. 89° 54' W. on meander line bet. secs. 22 & 27
46.00	Set temp. 1/4 sec. cor.
80.00	Intersect N. & S. line 14 chs. S. of cor. to secs. 21. 22. 27 & 28 - Thence I run East on true line bet. secs. 22 & 27
	Descend S. E. slope in brush
21.00	Fourthwater Creek 2 chs. wide 3 ins. deep runs S.W. in bottom of canon - Ascend broken W. slope in oak and aspen brush
40.00	Set a sandstone 14 x 8 x 5 ins. - 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable
80.00	The cor. to secs. 22. 23. 26 & 27 Land high mountains Soil 3rd rate, rocky. Timber aspen and oak brush on 80.00 chs. Mountainous on 80.00 chs
	July 27th 1901
	N. 0° 03' E. bet. secs. 22 & 23
	Descend N.W. slope in oak or aspen brush
22.50	Gulch draining W.
33.00	Ridge spur 30 ft. high bears W.
40.00	Set a sandstone 20 x 18 x 8 ins. 15 ins in the ground for 1/4 sec. cor. marked 1/4 on W. face from which An aspen 3 ins. diam. bears S. 35° W. 61 lks. dist. marked 1/4 S. 22 B.T. An aspen 4 ins. diam. bears S. 12° 15' E. 40 lks. dist. marked 1/4 S. 23 B.T.

Fract. Subdivision of T. 8 S. R. 6 E.

Chs.	
50.70	Gulch 100 ft. deep drains W.
61.00	Gulch drains W.
71.00	Ridge 500 ft. high separating Fourthwater and Fifthwater Creeks bears E & W. Descend in pine timber
80.00	Set a sandstone 24 x 8 x 6 ins. 18 ins. in the ground for cor. to secs. 14. 15. 22 & 23 marked 2 notches on E. and 3 on S. edges from which A pine 15 ins. diam. bears N. 46° 30' E. 40 lks. dist. marked T. 8 S. R. 6 E. S. 14 B. T. A pine 10 ins. diam. bears S. 77° 10' E. 88 lks. dist. - marked T. 8 S. R. 6 E. S. 23 B. T. A pine 20 ins. diam. bears S. 82° W. 82 lks. dist. - marked T. 8 S. R. 6 E. S. 22 B. T. A pine 12 ins. diam. bears N. 69° 15' W. 103 lks. dist. marked T. 8 S. R. 6 E. S. 15 B. T. Land high mountains Soil 3rd rate, rocky. Timber pine on N. 9.00 chs, oak and aspen brush on balance Mountainous on 80.00 chs.

West on random line bet. secs. 15 & 22

40.00	Set temp. 1/4 sec. cor.
50.16	Intersect N. & S. line at cor. to secs. 15. 16. 21 and 22 - Thence I run East on true line bet. secs. 15 & 22
	Along N. slope in aspen brush
17.00	Enter aspen brush - Ridge between Fifthwater and Fourthwater Creeks bears N. 70° E. and S. 70° W.
40.00	Set a sandstone 20 x 18 x 3 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1 1/2 ft. high N. of cor. Pits impracticable
57.00	Ridge between Fourthwater and Fifthwater Creeks bears S. 70° E. and N. 70° W. - Descend. descend in

Fract. Subdivision of T. 8 S. R. 6 W.

chs.	
	dense aspen brush and timber gradually changing to pine timber
80.10	The cor. to secs. 14. 15. 22 & 23
	Land high mountains
	Soil 3rd rate, rocky.
	Timber – dense aspen brush or timber or pine timber on 40.00 chs. scattering oak brush on balance
	Mountains on 80.10 chs

N. 0°03' E. bet secs. 14 & 15

	Descend in pine timber
6.00	Cross pine timber. Branch of Fishwater Creek 3 lks. wide 4 ins. deep runs N.W. in Canyon
28.50	Branch of Fishwater Creek 3 lks. wide 4 ins. deep runs W. in Canon. – Ascend
40.00	Set a sandstone 15 x 6 x 3 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable
43.00	Along broken W. slope
56.00	Descend steep W. slope in pine and aspen timber
71.00	Canyon 300 ft. deep drains W. – Spring of water in Canon 8 chs. W. – Cross pine and aspen Ascend in oak brush –
80.00	Set a sandstone 18 x 6 x 5 ins. 12 ins. in the ground for cor. to secs. 10. 11. 14 & 15 marked 2 notches on E. and 4 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Land high Mountains Soil 3rd rate, rocky. Timber – aspen and pine timber on 21.00 chs, oak brush on balance Mountainous on 80.00 chs

Fracl. Subdivision of T. 8 S. R. 6 E.

chs.	
	West on random line bet. secs. 10 & 15
40.00	Set temp. 1/4 sec. cor.
80.00	Intersect N. & S. line at cor. to secs. 9. 10. 15 & 16
	Thence I run
	East on true line bet. secs. 10 & 15
	Steep ascent in oak brush
10.00	Now along broken S. slope
40.00	In N. edge of aspen grove set a sandstone 24 x 12 x 3 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1 1/2 ft. high N. of cor. Pits impracticable
44.00	Gulch drains S.
56.50	Gulch drains S
67.00	Gulch drains S.
72.50	Cañon 100 ft. deep drains S. – seeping water in places.
80.00	The cor. to secs. 10. 11. 14 & 15
	Land high mountains
	Soil 3rd rate, rocky.
	Timber oak and some aspen brush on 80.00 chs
	Mountainous on 80.00 chs
	July 28th 1901

N. 0°03' E. bet. secs. 10 & 11

15.00	Cañon 200 ft. deep drains S.W.
21.00	Gulch drains S.W.
34.00	Ridge spur 500 ft. high bears S. 60° W.
40.00	Set a sandstone 18 x 10 x 7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable
44.50	Branch of Fifthwater Creek 2 lks. wide 4 ins. deep runs W. in bottom of gulch
71.00	Ridge spur 500 ft. high bears S. 60° W.
79.50	Gulch 100 ft. deep drains W.

Final Subdivision of T. 8 S. R. 6 E.

chs.	
80.00	Set a sandstone 16 x 12 x 10 ins. 11 ins. in the ground for cor. to secs. 2. 3. 10 & 11 marked 2 notches on E. and S on S. edges and raised a mound of stone 2 ft. base 1½ ft high W. of cor.
	Pits impracticable
	An aspen 2 ins. diam. bears S. 67° 45' W. 10 lks. dist. marked T. 8 S. R. 6 E. S. 10 B. T.
	A pine 6 ins. diam bears N. 25° E. 10 lks. dist. — marked T. 8 S. R. 6 E. S. 2 B. T.
	Land high mountainous
	Soil 3rd rate, rocky.
	Timber-oak and aspen brush and a few scattering pines
	Mountainous on S. 80.00 chs

West on random line bet. secs. 3 & 10

46.00	Set temp. ¼ sec. cor.
80.00	Intersect N. & S. line at cor. to secs. 3. 4. 9 & 10
	Thence E.

East on true line bet. secs. 3 & 10

5.00	Flat topped ridge bears N. 15° E. and S.
7.00	Second step E. slope in dense oak and aspen brush
34.00	N. Fork of Fifteenmile Creek 4 lks. wide 5 ins. deep runs S. in bottom of Canyon 200 ft. deep
46.00	Falls on stationary sandstone 5 x 4 x 2 ft. above ground — At the exact cor. point I make a cross (X) for ¼ sec. cor. and mark ¼ on N. side of same — from which
	A pine 6 ins. diam bears N. 61° E. 70 lks. dist. — marked ¼ S. 3 B. T.
	A pine 16 ins. diam bears S. 64° 45' W. 92 lks. dist. marked ¼ S. 10 B. T.
46.00	Ridge spur bears S.
72.00	Spring Branch 2 lks. wide 3 ins. deep runs S. W. in bottom

Subdivision of T. 8 S. R. 6 E.

chs 80.00	The cor. to secs. 2. 3. 10 & 11 Land high mountains Soil 3rd rate, rocky. Timber — dense oak and aspen brush on 80.00 ch. and a few scattering pines. Mountains in 80.00 chs
	N. 0°03' E. on random line bet. secs. 2 & 3
40.00	Set temp. 1/4 sec. cor.
113.26	Intersect N. Bdy of Tp. 16 chs. W. of cor. to secs 2. 3. 34 & 35 established in this survey Thence run
	S. 0°08' W. on true line bet. secs 2 & 3
	Descend in oak brush
3.40	Branch of Sixthwater Creek 2 chs. wide 4 ins. deep runs W. in bottom of gulch
18.00	Wagon trail bears NW. and SE.
19.40	Gulch draws W.
20.50	Graded Wagon road (connecting with trail) bears NE. and SW. — This grading was done as locating work on a proposed route for a Railroad surveyed from Springville up Hobble Creek Canyon and across the Reservation Ridge at the expense of Mr Jesse Knight.
24.00	Thence graded wagon road bears NW. & SE.
33.00	Branch of Sixthwater Creek 2 chs. wide 4 ins. deep runs W. in bottom of gulch
41.50	Gulch draws NW.
51.50	Ridge 500 ft. high seperating Sixthwater and Fifthwater Creeks bears E. & W.
60.50	Head of hollow draining draws SW. — Spring of water bears SW. 4 chs.
73.26	Set down aspen grove, set a sandstone 18 x 10 x 3 ins. 12 ins. in the ground for W. 1/4 sec. cor., marked 1/4 on W. face from which An aspen 3 ins. diam. bears S. 41° E. 4 lks. dis.

Fract. Subdivision of T. 8 S. R. 6 E.

chs.	
	marked 1/4 S. 2 B.T.
	An aspen 6 ins. diam. bears S. 2° 15' W. 33 lks. dist. marked 1/4 S. 3 B. T.
76.50	Ridge 500 ft. high bears E. & W.
105.50	Gully draining S.W.— Spring in same 50 lks. below line.
113.26	The cor. to secs. 2. 3. 10 & 11 Land high Mountains Soil 3rd rate, rocky. Timber oak and aspen brush and a few scattering pines Mountainous on 113.26 chs.

Note: The Reservation Ridge Summit runs through the Ten of secs. East of the one just surveyed I therefore abandon further subdivision of this Tp.

July 29th 1901

General Description

The lands surveyed in this Tp. embrace a high rugged Mountain country on the immediate W. slope of the divide forming the Watershed between the Great Salt Lake Basin and Green River. No part of it is fit for cultivation; there are no settlers nor any attempt at settlement visible in the Tp.— Its average Altitude is probably not less than 8500 ft. and the deep snows accumulating there in the winter cause numerous Springs and small streams to run there in the early summer but most of them dry up as the season advances. The permanent streams there are known as Thirdwater, Fourthwater, Fifthwater and Sixthwater Creeks all running in more or less rugged Canyons. The abundance of moisture in the ground causes a very rank vegetation. The slopes are nearly always covered with oak or

Excl. Subdivision of T. 8 S. R. 6 E.

aspen brush and on the st. slopes of the higher ridges are frequently found small patches of pine and aspen timber. It is naturally a magnificent summer range for stock, but overstocking with sheep for several years has practically destroyed all the grass.

I found no indications of valuable minerals I found no trace of Roland Williams, Hans Larsen and Jonah T. Phillips applicants for survey of this Tp. or their improvements.

Adolph Jeorin
U. S. Deputy Surveyor

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by .....

....., United States Deputy Surveyor, to assist in running, measuring, and
arking the lines and corners described in the foregoing field notes of the survey of .....

.....

owing the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....

....., United States Deputy Surveyor, in surveying all
se parts or portions of the .....

.....

.....

..... of the .....

..... meridian, ... of ....., which are represented
he foregoing field notes as having been surveyed by him and under his direction; and that said survey
been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the
ner monuments established, according to the instructions furnished by the United States Surveyor
eral for .....

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

.....

scribed and sworn to before me this .....
day of ....., 189

.....

SEAL

.....

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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, ..., United States Deputy Surv
solemnly swear that, in pursuance of a contract received from .....
United States Surveyor General for ....., bearing date
..... day of ....., 189 , I have well, faithfully, and truly, in n
proper person, and in strict conformity with the instructions furnished by the United States Su
General for ....., the Manual of Surveying Instructions, and the laws
United States, surveyed all those parts or portions of .....
.....
.....
.....
..... of the .....
..... meridian, in the ..... of ....., which are represented
foregoing field notes as having been surveyed by me, and under my direction; and I do further sw
swear that all the corners of said survey have been established and perpetuated in strict accordan
the Manual of Surveying Instructions, and the special written instructions of the United States S
General for ..... and in the specific manner described in the field notes, a
the foregoing are the original field notes of such survey; and should any fraud be detected, I wil
the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

.....
United States Deputy Su

Subscribed by said ....., and sworn to before me
this ..... day of ....., 189

SEAL

.....
.....

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, July 15 1902

The foregoing field notes of the survey of The fractional Subdivision
of Township 8 South, Range 6 East of the Salt Lake
Base & Meridian, Utah
.....
.....
.....
.....
.....

executed by Adolphus Jessen
under his contract No. 227, dated January 28, 1899, havin
critically examined, and the necessary corrections and explanations made, the said field notes, a
surveys they describe, are hereby approved.

Edward H Anderson
United States Surveyor G

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 of

.....
United States Surveyor G

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BOOK A-327

SEP 14 1903

FIELD NOTES

corrected

OF THE SURVEY OF THE certain parts of the

Subdivision lines

of

T. 8 S. — R. 6 E.

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Adolph Jessen, United States Deputy Surveyor,

Under his Contract No. 227, dated January 28th, 1899

Survey commenced August 21st, 1903

Survey completed August 24th, 1903

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NAMES AND DUTIES OF ASSISTANTS.

Harry C. Jesser
Chester O. Evans } chainmen

William N. Evans { Monumsman
Aseman

For preliminary affidavit see book 2 Tp. 8 S R 5 E

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MRS A-327

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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level
chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same;
we will report the true distances to all notable objects, and the true lengths of all lines that we assi
measuring, to the best of our skill and ability, and in accordance with instructions given us, in the surve
_____

_____, *Chain*

_____, *Chain*

Subscribed and sworn to before me this _____
day of _____, 189

_____

SEAL

_____

WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of moundmen in the establish
of corners, according to the instructions given us, to the best of our skill and ability, in the surve
_____

_____, *Moundm*

_____, *Moundm*

Subscribed and sworn to before me this _____
day of _____, 189

_____

SEAL

_____

WE, _____ and
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of cc
and other duties, according to instructions given us, to the best of our skill and ability, in the surve
_____

_____, *Axm*

_____, *Axm*

Subscribed and sworn to before me this _____
day of _____, 189

_____

SEAL

_____

I, _____, do solemnly swear that I will well and t
perform the duties of flagman according to instructions given me, to the best of my skill and ability, in
survey of _____

_____, *Flagm*

Subscribed and sworn to before me this _____
day of _____, 189

_____

SEAL

_____

Corrected Survey of certain Subdivision lines in T. 8 S. R. 6 E.

chs.

Survey commenced August 21st 1903.

From the established cor. to secs 5. 6. 31 & 32 on N. Bdy. of Tp. I run

S. 0° 03' E. bet. secs. 5 & 6

72.92 The 1/4 sec. cor. bet. secs. 5 & 6, as described in my original field notes, in place.

112.92 The cor. to secs. 5. 6. 7 & 8, as described in my original field notes, in place.

No change in topography

Aug. 21st 1903

August 22nd 1903.

From the established cor. to secs. 5. 6. 7 & 8 I run

S. 89° 56' W. bet. secs 6 & 7

40.00 The 1/4 sec. cor. bet secs 6 & 7, as described in my original field notes, in place

78.40 The cor. to secs. 1. 6. 7 & 12 on West Boundary of Tp., as described in my original field notes, in place.

No change in topography.

Returning to cor. to secs. 5. 6. 7 & 8 I run

East bet. secs 5 & 8

40.00 The 1/4 sec. cor. bet. secs. 5 & 8, as described in my original field notes, in place.

80.00 The cor. to secs 4. 5. 8 & 9 as described in my original field notes., in place.

Corrected Survey of certain Subdivision lines in T. 8 S. R.

do.	No change in topography. August 22nd 1903.

August 24th 1903.

From the established cor. to secs. 9. 10. 15 & 16 I run

East bet. secs. 10 & 15

40.00 The 1/4 sec. cor. bet. secs. 10 & 15, as described in my original field notes, in place.

80.00 The cor. to secs. 10. 11. 14 & 15, as described in my original field notes, in place.

No change in topography

August 24th 1903.

Adolphe Jessen
U. S. Dep. Surveyor.

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by .....

....., United States Deputy Surveyor, to assist in running, measuring, and king the lines and corners described in the foregoing field notes of the survey of .....

.....

ring the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....

....., United States Deputy Surveyor, in surveying all parts or portions of the .....

.....

.....

..... of the .....

..... meridian, ... of ....., which are represented e foregoing field notes as having been surveyed by him and under his direction; and that said survey been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the r monuments established, according to the instructions furnished by the United States Surveyor ral for .....

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

.....

ribed and sworn to before me this .....
lay of ....., 189

SEAL

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, ..., United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from .... United States Surveyor General for ...., bearing date of .... day of ...., 189 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for ...., the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of ....

....

.... of the .... meridian, in the .... of ...., which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for .... and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

....
United States Deputy Surveyor.

Subscribed by said ...., and sworn to before me this .... day of ...., 189

SEAL

....

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,
Salt Lake City, Utah, Sept 19, 1903

The foregoing field notes of the corrective survey of Sec'l dividing Series of Township 8 South Range 6 East of the Salt Lake Base & Meridian, Utah

....

executed by Adolph Jessen under his contract No. 227, dated January 28th, 1899, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the corrective surveys they describe, are hereby approved.

Edward H Anderson
United States 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.

....
United States Surveyor General.

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BOOK A-327

FIELD NOTES

OF THE SURVEY OF [illegible]

East Boundary

[illegible]

of the [illegible] Principal Meridian.

[illegible]

AS SURVEYED BY

[illegible], United States Deputy Surveyor.

under his Contract No. [illegible], dated [illegible], 1903

Survey commenced [illegible], 1903

Survey completed [illegible], 1903

NAMES AND DUTIES OF ASSISTANTS.

Harry C. Jessen } Chainmen
Chester O. Evans }

William N. Evans { Moundsman
Axeman

For preliminary affidavits see book 1 Tp 8 S R 5 E

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BOOK A-327

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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; we will report the true distances to all notable objects, and the true lengths of all lines that we assis measuring, to the best of our skill and ability, and in accordance with instructions given us, in the surve

_____

_____, *Chainm*

_____, *Chainm*

Subscribed and sworn to before me this _____
day of _____, 189

SEAL

_____

_____

WE, _____ and _____

do solemnly swear that we will well and truly perform the duties of moundmen in the establish of corners, according to the instructions given us, to the best of our skill and ability, in the surve

_____

_____, *Moundm*

_____, *Moundm*

Subscribed and sworn to before me this _____
day of _____, 189

SEAL

_____

_____

WE, _____ and _____

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of co and other duties, according to instructions given us, to the best of our skill and ability, in the surve

_____

_____, *Axm*

_____, *Axm*

Subscribed and sworn to before me this _____
day of _____, 189

SEAL

_____

_____

I, _____, do solemnly swear that I will well and t perform the duties of flagman according to instructions given me, to the best of my skill and ability, in survey of _____

_____, *Flag*

Subscribed and sworn to before me this _____
day of _____, 189

SEAL

_____

_____

Corrected Survey of part of the East Bdy. of T. 7 S. R. 5 E.

chs.	
	Survey commenced August 25th 1903.
	From the established cor. to Tps. 7 & 8 S. Rgs. 5 & 6 East, I run over the true Meridian there established
	North bet. secs. 31 & 36
40.00	The ¼ sec. cor. bet. secs. 31 & 36, as described in my original field notes, in place.
80.00	The cor. to secs. 25. 30. 31 & 36, as described in my original field notes, in place.
	No change in topography.
	August 25th 1903
	Adolphe Jensen
	U. S. Dep. Surveyor

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Adolphus Jensen, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of part of the E. & N. Bdys T 8 S. R 5 E; part of the N. Bdy of T 8 S. R 6 E. and part of the W. Bdy of T. 7 S. R 6 E. S. L. M. during the respective capacities in which they acted:

Harry C. Jensen, *Chainman.*
Chester O. Evans, *Chainman.*
, *Moundman.*
William N. Evans, *Moundman.*
, *Axman.*
William N Evans, *Axman.*
, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted A. Jensen, United States Deputy Surveyor, in surveying all the parts or portions of the East and West Boundaries of T 8 S. R 5 E.; North Boundary of T 8 S. R 6 E. and West Boundary of T 7 S. R 5 E. of the Salt Lake Meridian, State of Utah, which are represented on the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the proper monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

Harry C Jensen, *Chainman.*
Chester O Evans, *Chainman.*
, *Moundman.*
William N Evans, *Moundman.*
, *Axman.*
William N Evans, *Axman.*
, *Flagman.*

Subscribed and sworn to before me this seventh day of September, 1903

SEAL

Wm. H. Brainard
Notary Public

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Adolphe Jessen, United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from Jacob B. Blair, United States Surveyor General for Utah, bearing date of 25th day of January, 1899, I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surv General for Utah, the Manual of Surveying Instructions, and the laws of United States, surveyed all those parts or portions of East and North Boundary of Tp. 8 S. R. 5 E.; the North Boundary of T. 8 S. R. and the West Boundary of T. 7 S. R. 6 E.

of the Salt Lake Base and meridian, in the State of Utah, which are represented in foregoing field notes in books 1, 3 & 5 as having been surveyed 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 the Manual of Surveying Instructions, and the special written instructions of the United States Sur General for Utah and in the specific manner described in the field notes, and the foregoing are the original field notes of such survey; and should any fraud be detected, I will s the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Adolphe Jessen
United States Deputy Sur

Subscribed by said Adolphe Jessen, and sworn to before me this 17th day of September 1903

Edward H Anderson
U.S. Surveyor-General

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah Sept 19, 19

The foregoing field notes of the Consolidated survey of the East Boundary of Towns 7 South Range 5 East of the Salt Lake Base & Meridian Utah

executed by Adolphe Jessen under his contract No. 227, dated January 28, 1899, having critically examined, and the necessary corrections and explanations made, the said field notes, and collected surveys they describe, are hereby approved.

Edward H Anderson
United States Surveyor Gen

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 offi

United States Surveyor Gen

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4—070.

BOOK A-327

FIELD NOTES

OF THE SURVEY OF THE

Fractional East Boundary

of

T. 7 S. - R. 5 E.

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Adolph Iverson, United States Deputy Surveyor,

der his Contract No. 227, dated January 28th, 1899

rvey commenced July 31st, 1901

rvey completed July 31st, 1901

Length 4.00.00

NAMES AND DUTIES OF ASSISTANTS.

Chas. B. McElroy } Chainmen
F. R. Kingdon }
Chas. Cravens Monuedman
Harry A. Rager Axman
Harry Jessen Flagman

For preliminary affidavits see book 'A' Pp. 85 & 195.5

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BOOK A-327

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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will leve
chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same;
we will report the true distances to all notable objects, and the true lengths of all lines that we assi
measuring, to the best of our skill and ability, and in accordance with instructions given us, in the su

_____

_____, *Chain*

_____, *Chain*

Subscribed and sworn to before me this _____
day of _____, 189

_____

SEAL

_____

WE, _____ and _____

do solemnly swear that we will well and truly perform the duties of moundmen in the establish
of corners, according to the instructions given us, to the best of our skill and ability, in the su

_____

_____, *Mound*

_____, *Mound*

Subscribed and sworn to before me this _____
day of _____, 189

_____

SEAL

_____

WE, _____ and _____

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of co
and other duties, according to instructions given us, to the best of our skill and ability, in the surv

_____

_____, *Ax*

_____, *Ax*

Subscribed and sworn to before me this _____
day of _____, 189

_____

SEAL

_____

I, _____, do solemnly swear that I will well and
perform the duties of flagman according to instructions given me, to the best of my skill and ability,
survey of _____

_____, *Flag*

Subscribed and sworn to before me this _____
day of _____, 189

_____

SEAL

_____

Bnd. East Bdy. of T. 7 S. R. 5 E.

chs.	
	Survy commenced July 30th 1901 with the instrument described in Book "A".
	At the cor. to Tps. 7 and 8 S. R. 5 & 6 E. established in this survy I test my instrument on the true Meridian established by me at that point on July 17th 1901 and find the mean magnetic declination to be 16° 38' East
	Thence from said Tp. cor. I run
	North bet. secs. 31 & 36
11.00	Flattopped ridge bears NE. and SW.
25.00	Hollow drains W.
40.00	Set a sandstone 14 x 10 x 3 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
	An oak 2 ins. diam bears S. 47° E. 7 lks. dist. marked 1/4 S. 31 B. T.
	An oak 2 ins. diam bears N. 52° W. 19 lks. dist. marked 1/4 S. 36 B. T.
58.00	Ridge bears NE. & SW.
67.00	Hollow drains SW.
80.00	Set a sandstone 18 x 10 x 3 ins. 12 ins. in the ground for cor. to secs. 25. 30. 31 & 36 marked 5 notches on N. and 1 on S. edges and mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
	Land mountainous
	Soil 2nd rate, rocky.
	Timber oak brush on 80.00 chs.
	Mountainous on 80.00 chs

	North bet. secs. 25 & 30
2.50	Ridge bears NE. and SW.
17.50	Hollow drains SW.

Fract. E. Bdy of T. 7 S. R. 5 E.

Chs. 40.00	In broad hollow drains S.W. set a sandstone 14 x 12 x 6 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which An aspen 2 ins. diam bears S. 21° 30' E. 10 lks. dist. marked 1/4 T. 36 B.T. An aspen 3 ins. diam. bears S. 74° 45' W. 19 lks. dist.; marked 1/4 S. 25 B.T.
62.00	Ridge 500 ft. high bears N. 70° E. and S. 50° W.
80.00	Set a sandstone 16 x 12 x 6 ins. 11 ins. in the ground for cor. to secs. 19. 24. 25 & 30 marked 4 notches on N. and 2 on S. edges and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable Land high mountains Soil 3rd rate, rocky. Timber oak and aspen brush on 80.00 chs Mountainous on 80.00 chs

North bdy. secs. 19 & 24

10.00	Hollow drains W.
21.00	Ridge bears E. & W.
37.00	Old Sheep Corral on line
40.00	Set a sandstone 14 x 12 x 5 ins 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which An aspen 8 ins. diam bears S. 63° 30' E. 23 lks. dist. marked 1/4 T. 19 B.T. An aspen 10 ins. diam. bears N. 59° 30' W. 40 lks. dist. marked 1/4 T. 24. B.T.
54.50	Falls Fork (of Diamond Creek) 5 lks. wide 12 ins. deep runs N.W. in bottom of canon 200 ft. deep At this point an old timber road crosses the Creek from S.W. to N.E. — Ascend very steep or precipitous S. slope
80.00	Set a sandstone 18 x 10 x 5 ins. 12 ins. in the ground for cor. to secs. 13. 18. 19 & 24 marked

Fract. E. Bdy T. 7 S. R. 5 E.

0 lks.	3 notches on N. and S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Land high mountains Soil 3rd rate, rocky. Timber aspen or oak brush on 80.00 chs Mountainous on 80.00 chs

North bet secs. 13 & 18

3.00	Summit of ridge 3000 ft elev Hall's Fork bears N. 40° E. and S. 40° W.
28.00	Bear Fork (of Beaumont Creek) 5 lks. wide 12 ins. deep runs S.W. in bottom of canyon 200 ft. deep
40.00	Set a sandstone 24 x 15 x 7 ins. 18 ins. in the ground for ¼ sec. cor. marked ¼ on W. face and raised a mound of stone 2 ft. base 1½ ft high W. of cor. Pits impracticable
74.25	W. Fork of Bear Fork 5 lks. wide 12 ins. deep runs S. 20° E. in bottom of canyon
80.00	Set a sandstone 24 x 12 x 6 ins. 18 ins. in the ground for cor. to secs. 7. 12. 13 & 18 marked 2 notches on N. and 4 on S. edges from which An aspen 3 ins. diam bears N. 60° E. 35 lks. dist.; marked T. 7 S. R. 6 E. S. 7 B.T. An aspen 3 ins. diam. bears N. 33° 15 W. 14 lks dist.; marked T. 7 S. R. 5 E. S. 12 B.T. An aspen 3 ins. diam. bears S. 24° W. 24 lks. dist.; marked T. 7 S. R. 5 E. S. 13 B.T. An aspen 3 ins. diam. bears S. 23° 30' E. 40 lks. dist.; marked T. 7 S. R. 6 E. S. 18 B.T. Land high mountains Soil 3rd rate, rocky Timber oak or aspen brush on 80.00 chs. Mountainous on 80.00 chs July 30th 1901

Fred. E. Bdy of I. & S. R. 5 E.

Note: The land N. of this point is so broken and mountainous that further survey by closing becomes impracticable and I abandon the line here. The Summit of the peaks where the Reservation Ridge meets the divide between Hobble Creek and Provo River is about 1¼ miles N. of this point

For general description see end of field notes of the Fred. Subdivisions of this Tp.

Adolphe Jensen
U. S. Deputy Surveyor

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Adolphe Jensen, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the T. E. & N. Bdy's of T. 8 S. R. 5 E., prod. S. & N. Bdy's of T. 8 S. R. 6 E. prod. E. Bdy T. 7 S. R. 5 E. showing the respective capacities in which they acted:

F. R. Kingdon, Chainman.
Chas. B. McElroy, Chainman.
Chas. Cravens, Moundman.
_____, Moundman.
Harry A. Ragan, Axman.
_____, Axman.
Harry Jensen, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Adolphe Jensen, United States Deputy Surveyor, in surveying all those parts or portions of the T. E. & N. Bdy's of T. 8 S. R. 5 E.; S. & N. prod. Bdy's of T. 8 S. R. 6 E. and prod. E. Bdy of T. 7 S. R. 5 E.

_____ of the Salt Lake Base & meridian, State of Utah, which are represented on the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the proper monuments established, according to the instructions furnished by the United States Surveyor General for Utah

F. R. Kingdon, Chainman.
Chas B. McElroy, Chainman.
_____, Moundman.
Chas. Cravens, Moundman.
Harry A. Ragan, Axman.
_____, Axman.
Harry Jensen, Flagman.

Subscribed and sworn to before me this 16th day of August, ~~189~~ 1901

Wm H. Brunel
Notary Public.

SEAL

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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Adolphe Jessen, United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from Jacob B. Blair United States Surveyor General for Utah, bearing date 28th day of January, 1899, I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of United States, surveyed all those parts or portions of the South, East and North Boundaries of Township 8 South, Range 5 East; the fractional and North Boundaries of Township 8 South, Range 6 East; and the fractional east boundary of Township 7 South, Range 5 East of the Salt Lake Base and meridian, in the State of Utah, which are represented in the foregoing field notes in Cork A.C.&E. as having been surveyed 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 United States Surveyor General for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Adolphe Jessen
United States Deputy Surveyor

Subscribed by said Adolphe Jessen, and sworn to before me this 16th day of November, 1901.

Edward H. Anderson
U.S. Surveyor General
Utah

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, July 15, 1902.

The foregoing field notes of the survey of the fractional East Boundary of Township 7 South, Range 5 East of the Salt Lake Base and Meridian, Utah

executed by Adolphe Jessen under his contract No. 227, dated January 28, 1899, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward H. Anderson
United States 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.

United States Surveyor General

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4—679.

BOOK A-327

FIELD NOTES

OF THE SURVEY OF THE

Fractional Subdivisions

of

T. 7 S. — R. 5 E.

Of the Salt Lake Base & Meridian,

State of Utah

AS SURVEYED BY

Adolph Jensen, United States Deputy Surveyor,

der his Contract No. 227, dated January 28th, 1899

rvey commenced July 30th, 1901

rvey completed August 7th, 1901

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L 30 76.60

NAMES AND DUTIES OF ASSISTANTS.

Chas. B. McElroy } Chainmen
F. R. Kingdon }
Chas. Cravens Monumentman
Harry A. Rager Axman
Harry Jessen Flagman

For preliminary affidavits see book B. Tp. 7 S R 5 E

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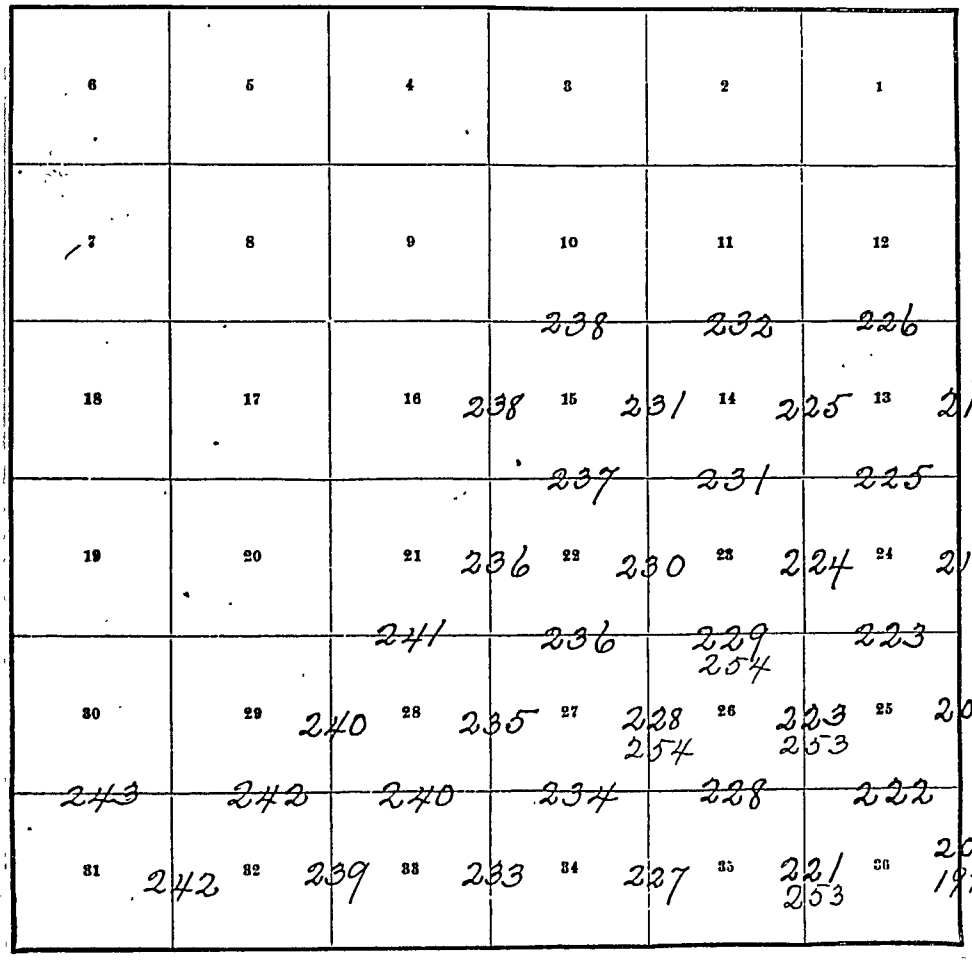
Volume
#
R0327

BOOK A-327

INDEX DIAGRAM.

Township 7 S., *Range* 5 E.



Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

We, _____ and _____

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level
chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; t
we will report the true distances to all notable objects, and the true lengths of all lines that we assis
measuring, to the best of our skill and ability, and in accordance with instructions given us, in the surve

_____

_____, *Chainm*

_____, *Chainm*

Subscribed and sworn to before me this _____
day of _____, 189

_____

SEAL

_____

We, _____ and _____

do solemnly swear that we will well and truly perform the duties of moundmen in the establishn
of corners, according to the instructions given us, to the best of our skill and ability, in the surve

_____

_____, *Moundm*

_____, *Moundm*

Subscribed and sworn to before me this _____
day of _____, 189

_____

SEAL

_____

We, _____ and

do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corn
and other duties, according to instructions given us, to the best of our skill and ability, in the surve

_____

_____, *Axm*

_____, *Axm*

Subscribed and sworn to before me this _____
day of _____, 189

_____

SEAL

_____

I, _____, do solemnly swear that I will well and t
perform the duties of flagman according to instructions given me, to the best of my skill and ability, in
survey of _____

_____, *Flagm*

Subscribed and sworn to before me this _____
day of _____, 189

_____

SEAL

_____

Fractional Subdivision of T. 7 S. R. 5 E.

Survey commenced July 30th 1901 with the instrument described in Book "A"

At the cor. to secs. 1. 2. 35 & 36 on S. Bdy of Tp. established in this survey in Lat. 40°10' N. Long. 111°26' W. I observe Polaris in accordance with instructions of the Manual at 10 h. 55 m P.M. Mean Solar time at Eastern Elongation and mark a point in the line thus determined on a pkey driven in the ground 5 lks. E. of my station

July 30th 1901

July 31st 1901. At 6 h. 30 m. A.M. I lay off the azimuth of Polaris 1°36' to the west and mark the true Meridian thus determined by cutting a mark on a stone firmly imbedded in the ground west of the mark established last night. The magnetic bearing of said true Meridian is N. 16°43' W. which reduced by the table on page 117 of the Manual gives the Mean magnetic declination 16°58 E.

From said cor. I run

N. 0°01' W. bet. secs. 35 & 36

Along E. slope of broken bench in scattering oak brush and a few scattering cedars

14.50 Road bears N. 20° W. and S. 20° E.

20.00 Ravine 75 ft. deep drains E.

40.00 On my step E. slope at a meander 14 x 12 x 4 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits unpracticable

Along my steep E. slope of Diamond Creek

Final Subdivision of T. 7 S. R. 5 E.

See corrective notes, book 6, p. 1; witness corner set instead of true section corner.

chs	Canyon
80.00	Set a limestone 18 x 10 x 8 ins. 12 ins. in the ground for cor. to secs. 25. 26. 35 & 36 marked 1 notch on E. and S. edges and mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
	Land mostly steep Canyon slopes
	Soil 3rd rate, rocky
	Timber, scattering oak brush and a few cedars
	Mountainous on 80.00 chs.

East on random line bet. secs 25 & 36

40.00	Set temp. ¼ sec. cor.
80.00	Intersect E. Bdy. of Tp. at cor. to secs. 25. 30. 31 & 36, established in this survey. Thence I run West on true line bet. secs. 25 & 36
	Along steep slope of ridge in dense oak brush
7.00	Summit of ridge bears N. 70° E. and S. 70° W.
27.00	Spring bears N. about 9 chs. dist.
39.50	Cedar aspen grove
40.00	Set a limestone 12 x 10 x 6 ins. 8 ins. in the ground for ¼ sec. cor. marked ¼ on N. face from which
	Aspen 5 ins. diam. bears S. 39° 35 W. 11 lks. dist. marked ¼ S. 36 B. T.
	Aspen 8 ins. diam. bears N. 75° E. 10 lks. dist. marked ¼ S. 25 B. T.
44.00	Leave aspen grove, in cedar oak brush — Spring Branch 2 lks. wide 4 ins. deep runs S. 70° W. in bottom of gulch 75 ft. deep — Ascend
53.00	Descend
78.00	Pinecrest Creek 10 lks. wide 18 ins. deep runs S. in bottom of Canyon 100 ft. deep
80.00	The cor. to secs. 25. 26. 35 & 36
	Land high mountains
	Soil 3rd rate, rocky.
	Timber — dense oak or aspen brush on 80.00 chs

Tract Subdivision of T. 7 S. R. 5 E.

chs.	Mountainous on 80.00 chs
	N. 0°01' W. bet. secs. 25 & 26
5.00	Hollow drains E. Leave steep slope of Diamond Creek Canyon heads N.E. – Now over broken bench
40.00	In hollow 75 ft. deep drains S.E. – Set a lime-stone 16 x 10 x 6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable –
	Leave broken bench – Ascend
58.00	Old timber road bears N.E. and S.W.
80.00	Set a sandstone 16 x 12 x 4 ins. 11 ins. in the ground for cor. to secs. 23. 24. 25 & 26 marked 1 notch on E. and 2 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
	Land broken bench and mountains
	Soil 3rd rate, rocky.
	Timber scattering oak brush
	Mountainous on 80.00 chs
	East on random line bet. secs 24 & 25
40.00	Set temp. 1/4 sec. cor
80.00	Intersect E. Bdy of Tp. at cor. to secs. 19. 24. 25 & 30 established in this survey – Thence I run
	West on true line bet. secs. 24 & 25
	Descend in broad broken hollow with oak brush and scattering aspen groves
23.00	Small spring 50 lks. S. of line
40.00	Set a sandstone 14 x 10 x 5 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor.
	Pits impracticable – Ascend

See corrective notes book 6, p. 1, witness corner at 30 lks.

Fract. Subdivision of T. 7 S. R. 5 E.

chs.	
49.00	Ridge spur 100 ft. high bears S.W.
58.00	Old timber road bears N.E. and S.W.
59.00	Halls Fork 5 lks. wide 12 ins. deep runs S.W. in bottom of canon 100 ft. deep
65.50	Ridge spur 100 ft. high bears S.W.
67.50	Bear Fork 8 lks. wide 8 ins. deep runs S. in bottom of canon 100 ft. deep — Ascend
80.00	The cor. to secs. 23. 24. 25 & 26
	Land high mountains
	Soil 3rd rate, rocky.
	Timber scattering oak & aspen brush
	Mountainous on 80.00 chs.

July 31st 1901

N. 0°01 W. bet. secs 23 & 24

Gradual ascent on broken E. slope in oak brush

40.00	Set a sandstone 14 x 10 x 8 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable
42.50	Descend NE. slope
52.00	Enter aspen
54.00	Old Sheep Corral on line
55.50	Shingle Mill Fork (to Diamond Creek) 5 lks. wide 8 ins deep runs S.E. in bottom of canon 100 ft. deep.
56.00	Leave aspen — Ascend very steep S.W. slope
60.00	Ascent more gradual Rod along broken W. slope in aspen and oak brush
75.50	Small swamp, the head of a spring, on line
80.00	Set a sandstone 18 x 12 x 4 ins. 12 ins. in the ground for cor. to secs. 13. 14. 23 & 24 marked 1 notch on E. and 3 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Land high mountains Soil 3rd rate, rocky.

Tract. Subdivision of T. 7 S. R. 5 E.

chs.	Timber oak or aspen brush on 80.00 chs. Mountainous on 80.00 chs
	East on random line bet. secs. 13 & 24
40.00	Set temp 1/4 sec. cor.
80.08	Intersect E. Bdy of Tp. 21 lks. N. of cor. to secs 13. 18. 19 & 24 established in this survey. Thence I run N. 89° 51' W. on true line bet. secs. 13 & 24
	Along S. slope of high Peak on Summit of ridge in oak brush
7.50	Ridge spur projects S.W. from Peak — Descend very steep N.W. slope
40.04	In dense Willow and Birch undergrowth, set a sandstone 18 x 12 x 8 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which
	A birch 7 ins. diam bears S. 42° E. 27 lks. dist. marked 1/4 S. 24 B.T.
	A birch 3 ins. diam bears N. 75° 30' W. 38 lks. dist. marked 1/4 S. 13 B.T.
40.75	Bear Fork 5 lks. wide 10 ins. deep runs S.W. in bottom of Cañon 250 ft. deep
41.00	Leave cañon steep ascent.
61.00	Ridge spur 500 ft. high bears S.
80.08	The cor. to secs. 13. 14. 23 & 24
	Land high mountains
	Soil 3rd rate, rocky.
	Timber, dense oak and aspen brush on 80.08 chs
	Mountainous on 80.08 chs
	N. 0° 01' W. bet. secs. 13 & 14
	Along steep W. slope in oak or aspen brush
18.00	Descend steep or precipitous N.W. slope
22.00	Shingle Mill Fork 5 lks. wide 6 ins. deep in

Fract. Subdivision of T. 7 S. R 5 E.

chs.	bottom of Canon 200 ft. deep
	The Creek heads N. running in an impenetrable
	mazy of Birch and Willow brush – Thence
	2 offset
	East 1.00 chs. to a point – Thence
	N 60 W on offset line 18 chs to a point Thence
	West 1.00 to point on true line at
46.00	On East side of Shingle Mill Fork – Set a sandstone 18 x 12 x 8 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face.
	from which
	An aspen 10 ins. diam. bears N. 80° W. 9 lks. dist. marked 1/4 B T 14 B. T.
	An aspen 14 ins. diam. bears N. 13° 30' E. 66 lks. dist. marked 1/4 T. 13 B. T.
42.50	Leave bottom of Canon ascend steep W. slope
62.00	Hollow 75 ft. deep drains W.
80.00	In dense aspen brush on S. side of hollow drains W. set a sandstone 16 x 16 x 10 ins. 11 ins. in the ground for cor. to secs. 11. 12. 13 & 14 marked 1 with N E. and 4 on S. edges and raised a mound of stone 2 ft. base 1½ ft high W. of cor.
	Pits impenetrable
	Land high mountainous
	Soil 3rd rate, rocky.
	Timber – dense aspen or oak brush in hollows
	Mountainous on slopes

S. 89° 51' E. on random line bet secs. 12 & 13.

40.00	Set stone 1/4 sec. cor.
80.00	Intersect East Bdy. of Tp. 21 lks. S. of cor. to secs. 7. 12. 13 & 18 established in this survey – Thence 2 rods West on true line bet. secs. 12 & 13
3.00	West fork of Bear Fork 114 lks. wide 6 ins. deep runs S. E., in bottom of Canyon 100 ft deep
27.00	Canon 100 ft. deep drains S.
40.00	Set a sandstone 16 x 8 x 6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and mound.

Tract Subdivisions of T. 7 S. R. 5 E.

chs	a mound of stone 2 ft base 1½ ft. high W. of cor. pits in rock
47.00	Canyon 100 ft. deep drains S.
55.00	Ridge 2000 ft higher than Shingle Mill Fork bears N. & E. – Steep or precipitous descent
80.00	The cor. to secs. 11. 12. 13 & 14 Land high mountains Soil 3rd rate, rocky. Timber oak or aspen brush on 80.00 chs Mountainous on 80.00 chs. Note: The land N. of this cor. is so broken and mountainous as to face a considerable distance outside of anything termed "agricultural land" and should not be surveyed as such, so I abandon this here —
	August 1st 1901

From cor. to secs. 2. 3. 34 & 35 on S. Bdy. of Tp established in this survey I run

N. 0° 02' W. bet. secs. 34 & 35

	Gradual ascent on E. slope of Pump House hill in oak brush
35.00	Enter scattering pine and aspen, more on E. slope
39.50	Gulch 100 ft. deep drains E.
40.00	Set a sandstone 18 x 8 x 6 in. 12 ins. in the ground for ¼ sec. cor. marked ¼ on W. face from which An aspen 4 ins. diam bears S. 46° 35' E. 67 lks. dist. marked ¼ S. 35 B.T. An aspen 3 ins. diam. bears S. 89° 30' W. 43 lks. dist. marked ¼ S. 34 B.T.
43.00	Enter pine timber gradual descent on E. slope
71.00	Pine becomes scattering – aspen brush dense
80.00	Set a limestone 20 x 18 x 6 ins. 15 ins. in the ground for cor. to secs. 26. 27. 34 & 35 marked 2 notches on E. and 1 on S. edges from which

Tract. Subdivision of T. 7 S. R. 5 E.

chs	An aspen 3 ins. diam. bears N. 32° E. 13 lks. dist. marked T. 7 S. R. 5 E. S. 26 B. T.
	An aspen 3 ins. diam bears N. 20° W. 5 lks. dist. marked T. 7 S. R. 5 E. S. 27 B. T.
	An aspen 2½ ins. diam. bears S. 50° W. 35 lks. dist. marked T. 7 S. R. 5 E. S. 34 B. T.
	An aspen 2½ ins. diam. bears S. 9° 15' E. 5 lks. dist. marked T. 7 S. R. 5 E. S. 35 B. T.
	Land high mountains
	Soil 3rd rate, rocky
	Timber pine timber on 28.00 chs dense aspen or oak brush on balance
	Mountainous on 80.00 chs
	East on random line bet secs. 26 & 35
40.00	Set temp ¼ sec. cor.
80.20	Intersect N. & S. line at cor. to secs 25. 26 35 & 36 – Thence I run
	West on true line bet. secs. 26 & 35
	Ascend E. slope of Pump House hill in oak brush
5.00	Road bears N. & S.
35.00	Gully drains N. 80° E.
40.10	Set a sandstone 18 x 10 x 6 ins. 12 ins. in the ground for ¼ sec. cor. marked ¼ on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor.
	Pits impracticable
55.00	Leave oak brush – Enter dense aspen brush
80.20	The cor. to secs. 26. 27. 34 & 35
	Land high mountains
	Soil 3rd rate, rocky.
	Timber dense oak or aspen brush on 80.20 chs
	Mountainous on 80.20 chs
	N. 0° 02' W. bet secs. 26 & 27

Trail Subdivision of T. 7 S. R. 5 E.

chs.	Gradual descend of broken E. slope of Pump-house hill in dense aspen or oak brush and a few scattering pines
4000	Set a sandstone 20 x 12 x 3 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
	An aspen 4 ins. diam. bears S. 72° E. 10 lks. dist. marked 1/4 S. 26 B.T.
	An aspen 4 ins. diam. bears N. 76°15' W. 28 lks. dist.; marked 1/4 S. 27 B.T.
61.00	Road bears N.W. and S.E.
62.00	Hollow 50 ft. deep drains S.E.
80.00	Set a sandstone 18 x 12 x 6 ins. 12 ins. in the ground for cor. to secs. 22. 23. 26 x 27 marked 2 notches on E. and S. edges and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.
	Pits impracticable
	Land high mountains
	Soil 3rd rate, rocky.
	Timber dense aspen or oak brush on 80.00 chs and some scattering pines.
	Mountainous on 80.00 chs

East on random line bet secs. 23 x 26

40.00	Set temp. 1/4 sec. cor.
80.00	Intersect N. x S. line at cor. to secs. 23. 24. 25 x 26
	Thence I run

West on true line bet. secs. 23 x 26

	Gradual ascent in oak brush or aspen
19.20	Ridge spur 300 ft. high bears S.E.
34.25	Broad hollow drains S.E.
40.00	Set a sandstone 24 x 18 x 4 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which
	An aspen 6 ins. diam. bears N. 14°30' W. 80 lks. dist.; marked 1/4 S. 23 B.T.
	An aspen 3 ins. diam. bears S. 1°30' W. 102 lks. dist.

Tract. Subdivision of T. 7 S. R 5 E.

chs.	
	marked 1/4 S 26 B.T.
80.00	The cor. to secs. 22. 23. 26 & 27
	Land high mountains
	Soil 3rd rate, rocky.
	Timber dense oak or aspen brush on 80.00 chs.
	Mountainous on 80.00 chs.
	August 2nd 1901

N. 0°02' W. bet secs. 22 & 23

	Along broken E. slope in oak or aspen brush
10.50	Gulch drains E.
20.00	Gulch drains E
40.00	Set a limestone 14 x 12 x 5 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face
	from which
	An aspen 3 ins. diam. bears S. 52° W. 168 lks. dist. marked 1/4 S. 22 B.T.
	An aspen 2 ins. diam. bears S. 23° E. 76 lks. dist. marked 1/4 S. 23 B.T.
54.00	Hollow drains S.E. – Ascend –
64.50	Divide between Diamond Creek and Hobble Creek 2000 ft. higher than Creeks bears NE. & SW.
	Now along W. slope in dense brush
66.50	Old timber road bears NE. & SW.
80.00	Set a sandstone 20 x 10 x 4 ins. 15 ins. in the ground for cor. to secs. 14. 15. 22 & 23 marked 2 notches on E. and 3 on S edges
	from which
	An aspen 2 ins. diam. bears N. 16° 30' W. 5 lks dist. marked T. 7 S. R. 5 E. S. 15 B.T.
	An aspen 2 ins. diam. bears N. 59° E. 16 lks. dist. marked T. 7 S. R. 5 E. S. 14 B.T.
	An aspen 2 ins diam. bears S. 40° 30' E. 20 lks. dist marked T. 7 S. R. 5 E. S. 23 B.T.
	An aspen 2 ins. diam. bears S. 32° W. 13 lks. dist. marked T. 7 S. R. 5 E. S. 22 B.T.
	Land high mountains

Tract. Subdivision of T. 7 S. R. 5 E.

chs.	Soil 3rd rate, rocky.
	Timber dense oak or aspen brush on 80.00 chs
	Mountainous on 80.00 chs.
	East on random line bet. secs. 14 & 23
40.00	Set temp 1/4 sec. cor.
80.06	Intersect N. & S. line at cor. to secs. 13. 14. 23 and 24 — Thence S. run
	West on true line bet secs. 14 & 23
	Descend in oak brush
7.50	Shingle Mill Fork 6 lks. wide 12 ins. deep runs S. in Canyon 100 ft. deep
27.00	Ridge 300 ft. high bears N. & S.
35.00	Broad hollow drains S ascend
40.03	Set a sandstone 16 x 8 x 6 ins. 11 ins. in the ground for 1/4 sec. cor marked 1/4 on N. face from which
	An aspen 2 ins. diam bears S. 9° 45' W. 60 lks. dist marked 1/4 S. 23 B.T.
	An aspen 2 ins. diam. bears N. 51° 15' E. 14 lks. dist.; marked 1/4 S. 14 B.T.
67.00	Old timber road bears N.E. & S.W. on Summit of divide between Diamond Creek and Hobble Creek bears N.E. & S.W.
80.06	The cor. to secs. 14. 15. 22 & 23
	Land high mountains
	Soil 3rd rate, rocky.
	Timber dense oak or aspen brush on 80.06 chs.
	Mountainous on 80.06 chs
	N. 0° 02 W. bet. secs. 14 & 15
	Along broken W. slope in dense aspen or oak brush
5.00	Hollow drains N. W.
15.00	Hollow drains W.

Trail: Subdivision of T. 7 S. R. 5 E.

chs.	
22.50	Hollow drains S.W.
31.00	Ridge 200 ft. high bears E. & W.
40.00	Set a sandstone 16 x 10 x 8 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which An aspen 5 ins. diam. bears N. 83° W. 42 lks. dist. marked 1/4 S. 15 B.T. An aspen 2 ins. diam. bears N. 66° E. 14 lks. dist. marked 1/4 S. 14 B.T.
52.00	Hollow 100 ft. deep drains N. 80° W. – Small Spring bears W. 3 chs.
61.50	Ridge 200 ft. high bears S.E. & N.W. – Descend very steep N. slope
80.00	Set a sandstone 16 x 10 x 6 ins. 11 ins. in the ground for cor. to secs. 10. 11. 14 & 15 marked 2 notches on E. and 4 on S. edges from which An aspen 2 ins. diam. bears S. 57 E. 25 lks. dist. marked T. 7 S. R. 5 E. S. 14 B.T. An aspen 2 ins. diam. bears N. 7° 30' E. 31 lks. dist. marked T. 7 S. R. 5 E. S. 11 B.T. An aspen 2 ins. diam bears S. 62° 30' W. 23 lks. dist. marked T. 7 S. R. 5 E. S. 15 B.T. An aspen 2 ins diam. bears N. 41° W. 28 lks. dist. marked T. 7 S. R. 5 E. S. 10 B.T. Land high mountains Soil 3rd rate, rocky Timber dense oak or aspen brush on 80.00 chs Mountainous on 80.00 chs
	East on random line bet. secs. 11 & 14
40.00	Set temp 1/4 sec. cor.
80.10	Intersect N. & S. line 17 lks. N. of cor. to secs. 11. 12. 13 & 14 – Thence I run N. 89° 53' W. on true line bet. secs. 11 & 14
6.00	Shingle Mill Fork 5 lks. wide 10 ins. deep runs S. in bottom of cañon 100 ft. deep Ascend very steep E. slope

Trail. Subdivision of T. 7 S. R. 5 E.

Chs.	
7.00	Old timber road bears N. & S.
30.00	Divide between Diamond Creek and Hobble Creek Canyons 3000 ft. higher than Canyons bears N. and S. — Descend steep or precipitous W. slope
40.05	Set a sandstone 20 x 12 x 10 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1 1/2 ft. high N. of cor. Pits impracticable
58.00	Foot of precipitous slope bears N & S.
65.00	Gulch drains S. 70° W.
71.00	Canyon drains N. 70° W.
80.10	The cor. to secs. 10. 11. 14 & 15
	Land high mountains
	Soil 3rd rate, rocky.
	Timber dense oak or aspen brush on 80.10 chs. a few scattering pines
	Mountainous on 80.10 chs.
	Note: On account of high, precipitous Mountains I abandon further survey of this line
	August 3rd 1901

From the cor. to secs. 3. 4. 33 & 34 on S. Bdy of Tp. established in this survey I run

N. 0°02' W. bet secs. 33. & 34

	Ascend along precipitous W. slope of Red Bluff Canyon in dense oak or aspen brush
15.00	Bottom of Red Bluff Canyon drains S.W.
20.00	Head of Red Bluff Canyon drains S.E.
23.00	Old Sheep Corral bears E. 4 chs.
24.00	Small spring bears E. 2.50 chs.
40.00	Set a sandstone 18 x 8 x 8 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. Pits impracticable
42.00	Ascend very steep S.E. slope

Tract. Subdivision of T 7 S. R. 5 E.

Chs 59.00	Divide between Diamond Creek and Hobble Creek 3000 ft higher than Creeks bears NE. and SW. Descend in scattering pines
80.00	Set a sandstone 14 x 12 x 8 ins. 9 ins. in the ground for cor. to secs. 27. 28. 33 x 34 marked 3 notches on E. and 1 on S. edges
	from which
	A pine 8 ins. diam. bears N. 34° 30' E. 18 lks. dist. marked T. 7 S. R. 5 E. S. 27 B.T.
	A pine 9 ins. diam. bears N. 63° 15' W. 13 lks. dist. marked T. 7 S. R. 5 E. S. 28 B.T.
	A pine 9 ins. diam. bears S. 56° 15' W. 8 lks. dist. marked T. 7 S. R. 5 E. S. 33 B.T.
	A pine 6 ins. diam. bears S. 43° 45' E. 29 lks. dist. marked T. 7 S. R. 5 E. S. 34 B.T.
	Land high Mountains
	Soil 3rd rate, rocky.
	Timber dense oak and aspen brush on 80.00 chs scattering pines on N. 21.00 chs
	Mountainous on 80.00 chs
	East on random line bet. secs. 27 x 34
40.00	Set temp. 1/4 sec. cor.
79.88	Intersect N. x S. line 12 lks. S. of cor. to secs. 26. 27. 34 and 35 — Thence I run
	S. 89° 55' W. on town line bet. secs 27 x 34
	Ascend E. slope of Pump House hill in dense aspen and scattering pine
25.00	Broad Summit of Pump House hill bears N & S.
39.94	Set a limestone 14 x 8 x 8 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face
	from which
	An aspen 4 ins. diam. bears N. 48° W. 22 lks. dist. marked 1/4 S. 27 B.T.
	An aspen 9 ins. diam. bears S. 3° 45' W. 20 lks. dist. marked 1/4 S. 34 B.T.
42.00	Broad hollow bears N. 20 E.

Tract. Subdivision of T. 7 S. R. 5 E.

chs.	
60.00	Broad Summit of divide between Diamond Creek and Hobble Creek bears N. & S.
	Descend N.W. slope
79.88	The cor. to secs 27. 28. 33 & 34
	Land high Mountains
	Soil 3rd rate, rocky.
	Timber dense oak and aspen brush on 79.88 chs. and scattering pines.
	Mountainous on 79.88 chs

N. 0° 02' W. bet. secs. 27 & 28

Gradual descent over broken Mountain Plateau in dense groves of aspen and oak brush and a few scattering pines

40.00	Set a limestone 16 x 8 x 8 ins. 11 ins. in the ground for 1/4 sec. cor marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
79.25	Dry Gully drains N.W. Small spring in same bears S.E. 3 chs.
80.00	Set a limestone 14 x 8 x 7 ins. - 9 ins. in the ground for cor to secs 21. 22. 27 & 28 marked 3 notches on E. and 2 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor
	Pits impracticable
	An aspen 4 ins. diam. bears N. 77° 30' E. 43 lks dist. marked T. 7 S. R. 5 E. S. 22 B.T.
	An aspen 5 ins. diam. bears S. 63° E. 37 lks. dist. marked T. 7 S. R. 5 E. S. 27 B.T.
	An aspen 4 ins. diam. bears S. 28° 30' W. 22 lks. dist. marked T. 7 S. R. 5 E. S. 28 B.T.
	Land mountainous plateau
	Soil 2nd rate, rocky.
	Timber dense groves of aspen and oak brush, a few scattering pines
	Mountainous on 80.00 chs

Trail. Subdivision of T. 7 S. R. 5 E.

chs.	
	N. 89° 55 E. on random line bet secs 22 & 27
40.00	Set temp 1/4 sec. cor.
80.00	Intersect N. & S. line 12 lks. N. of cor. to secs. 22. 23. 26 & 27 – Thence I run
	West on true line bet. secs. 22 & 27
	Ascend in scattering oak brush
15.00	Spring bears S. 10.00 chs.
30.00	Summit of divide between Diamond Creek and Hobble Creek bears N. & S. – Enter aspen brush
40.00	Set a limestone 18 & 16 & 3 ins. – 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face
	from which
	An aspen 3 ins. diam. bears N. 32° W. 2 lks. dist. marked 1/4 S 22 B.T.
	An aspen 4 ins. diam. bears S. 21° W. 10 lks. dist. marked 1/4 S. 27 B.T.
47.00	Hollow drains N.
52.00	Ridge spur bears N.W.
52.50	Road to Springville bears N.W. & S.E. –
63.25	Same road bears N.E. & S.W.
77.60	Same road bears S.E. and N.W.
80.00	The cor. to secs. 21. 22. 27 & 28
	Land high mountains
	Soil 3rd rate, rocky.
	Timber oak and aspen brush on 80.00 chs
	Mountainous on 80.00 chs
	August 4th 1901

	N. 0° 02' W. bet secs. 21 & 22
1.00	Road to Springville bears N.W. & S.E.
26.50	Ridge bears N.W. and S.E.
40.00	Set a sandstone 18 & 7 & 7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face
	from which
	An aspen 4 ins. diam bears N. 82° E. 4 lks. dist.

Fract. Subdivision of T. 7 S. R. 5 E.

chs.	marked 1/4 S. 22 B.T.
	An aspen 4 ins. diam bears S. 40° 30' W. 8 lks. dist. marked 1/4 S. 21. B.T.
48.35	Hollow 200 ft. deep drains N.
78.50	Ridge spur 250 ft. high bears W.
80.00	Set a sandstone 24 x 9 x 8 ins. 18 ins. in the ground for cor. to secs. 15. 16. 21 & 22 marked 7 S. on N. and 5 E. on W. faces together with 3 notches on E. and S. edges and mixed a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
	Land high mountains
	Soil 3rd rate, rocky.
	Timber dense oak or aspen brush on 80.00 chs
	Mountainous on 80.00 chs

East on random line bet. secs. 15 & 22

40.00	Set temp. 1/4 sec. cor.
79.88	Entered N. & S. base at cor. to secs. 14. 15. 22 and 23 — Thence S. on

West on random line bet. secs. 15 & 22

	Ascend on dense aspen and oak brush
20.00	Hollow drains W. — Ascend
39.92	An aspen tree 4 ins. diam for 1/4 sec cor. I marked 1/4 S. 15 on W. side and 22 on S. side
	from which
	An aspen 3 ins. diam bears N. 78° 30' W. 10 lks. dist. marked 1/4 S. 15 B.T.
	An aspen 3 ins. diam bears S. 26° 10' W. 5 lks. dist. marked 1/4 S. 22 B.T.
68.50	Ridge spur 300 ft. high bears W.
79.88	To cor. to secs. 15. 16. 21 & 22
	Land high mountains
	Soil 3rd rate, rocky.
	Timber dense aspen or oak brush on 79.88 chs
	Mountainous on 79.88 chs

Tract. Subdivision of T. 7 S. R 5 E.

chs.	
	N. 0°02' W. bet. secs. 15 & 16
	Descend along NW. slope
17.00	Descent becomes very steep
38.50	East Fork of Hobble Creek 6 lks wide 12 ins. deep runs S.W. in bottom of canyon 500 ft. deep.
40.00	Set a sandstone 20 x 10 x 8 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face from which
	A cottonwood 5 ins. diam bears N. 48°50' W. 22 lks. dist.; marked 1/4 S. 16 B.T.
	A cottonwood 4 ins. diam. bears N. 51°30' E. 69 lks. dist.; marked 1/4 S. 15 B.T.
	Ascend along E. side of deep canyon in dense oak brush
80.00	Set a sandstone 18 x 14 x 6 ins. 12 ins. in the ground for cor. to secs. 9. 10. 15 & 16 marked 3 notches on E and 4 on S. edges and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.
	Pits impracticable
	Land high mountains
	Soil 3rd rate, rocky.
	Timber dense aspen or oak brush on 80.00 chs
	Mountainous on 80.00 chs
	East on random line bet. secs. 10 & 15
40.00	Set temp 1/4 sec. cor.
79.94	Intersect N. & S. line 10 lks. S. of cor. to secs. 10. 11 14 & 15 _ Thence I run
	S. 89°56' W. on true line bet secs. 10 & 15
	Descend along very steep NW. slope in dense aspen or oak brush and a few scattering pines
28.50	East Fork of Hobble Creek 6 lks. wide 12 ins. deep runs S.W. in Canyon 500 ft. deep
39.97	Set a sandstone 20 x 14 x 5 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised

Tracl. Subdivision of T. 7 S. R. 5 E.

chs.	a mound of stone 2 ft. base 1½ ft. high N. of cor. Pits impracticable
68.00	Ridge spur 700 ft. high bears S.W.
79.94	The cor to secs 9. 10. 15 & 16
	Land high mountains
	Soil 3rd rate, rocky.
	Timber dense oak or aspen brush on 79.94 chs.
	Mountaineous on 79.94 chs
	Note: On account of high precipitous Mountains to the North I abandon this line here —
	August 5th 1901

From the cor. to secs. 4. 5. 32 & 33 on S. Bdy of Tp. established in this survey I run

N. 0°03' W. bet. secs. 32 & 33

	Descend in dense oak brush
5.00	Hollow 100 ft deep drains S.W.
20.00	Ridge 500 ft high bears N.E. & S.W.
30.50	Gulch 50 ft. deep drains N. 60° W.
34.50	Gulch 75 ft deep drains W.
40.00	Set a conglomerate sandstone 14 x 6 x 5 ins. 9 ins. in the ground for ¼ sec. cor. marked ¼ on W. face and raised a mound of stone 2 ft. base 1½ ft high W. of cor. Pits impracticable
55.00	Gulch 100 ft. deep drains S.W. — ascend.
79.00	Summit of divide between Waurhodes Basin and Hobble Creek bears E. and S. 70° W
80.00	Set a sandstone 18 x 8 x 8 ins. 12 ins. in the ground for cor. to secs 28. 29. 32 & 33 marked 4 notches on E. and 1 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
	Land high mountains
	Soil 3rd rate, rocky.

Tract. Subdivision of T. 7 S. R 5 E

chs	Timber oak or aspen brush on 80.00 chs Mountainous on 80.00 chs
	East on random line bet secs 28 & 33
40.00	Set temp. 1/4 sec. cor.
80.00	Intersect N. & S. line at cor. to secs. 27, 28 33 & 34 — Thence I run
	West on true line bet. secs. 28 & 33
	Descend on NW. slope through aspen and oak brush groves with some scattering pines
40.00	Set a sandstone 18 x 8 x 7 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which An aspen 5 ins. diam. bears N. 15° E. 10 lks. dist. marked 1/4 S. 28 B.T. A pine 6 ins. diam. bears S. 51° 10' W. 30 lks. dist. marked 1/4 S. 33 B.T.
52.50	Hollow 150 ft. deep drains NW.
75.00	Knoll 500 ft. high on summit of divide between Hobble Creek and Waterhouse Basin
80.00	The cor. to secs. 28. 29. 32 & 33 Land high mountains Soil 3rd rate, rocky. Timber aspen or oak brush groves on 80.00 chs some scattering pines. Mountainous on 80.00 chs
	N. 0° 03' W. bet. secs. 28 & 29
	Very steep descent in dense oak brush
15.00	Gulch 100 ft. deep drains NW; now along broken W. slope
40.00	In S edge of dense aspen grove set a sandstone 14 x 12 x 6 ins 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face — from which

Tract. Subdivision of T. 7 S. R. 5 E.

chs.	An aspen 5 ins. diam. bears N. 68° W. 12 lks. dist. marked 1/4 S. 29 B.T.
	An aspen 4 ins. diam. bears S. 55° 30' E. 14 lks. dist.; marked 1/4 S. 28 B.T.
48.00	Leave aspen grove
72.50	Cañon 200 ft. deep drains W.
80.00	On precipitous W. slope on S. side of small slide set a sandstone 16 x 8 x 4 ins. 11 ins. in the ground for cor. to secs 20. 21. 28 & 29 marked 4 notches on E. and 2 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits impracticable
	Land high mountains
	Soil 3rd rate, rocky.
	Timber dense oak or aspen brush on 80.00 chs
	Mountainous on 80.00 chs

East on random line bet secs 21 & 28.

40.00	Set temp 1/4 sec. cor.
80.12	Intersect N. & S. line at cor. to secs 21. 22. 27 & 28
	Thence 2 run

West on true line bet. secs. 21 & 28

Descend along very steep and broken N. slope in dense aspen or oak brush with scattering pines

1.00	Gully drains N.W.
27.00	Gulch drains N.
40.66	Set a sandstone 14 x 10 x 6 ins. 9 ins. in the ground for 1/4 sec cor. marked 1/4 on N. face
	from which
	An aspen 3 ins. diam. bears N. 60° W. 8 lks. dist. marked 1/4 S. 21 B.T.
	An aspen 4 ins. diam. bears S. 48° 30' W. 24 lks. dist. marked 1/4 S. 28 B.T.
52.00	Gulch 100 ft deep drains N.
57.00	Gulch 100 ft. deep drains N.
68.50	Ridge spur bears N. – Descend very steep W. slope
80.12	The cor. to secs 20. 21. 28 & 29

Subdivision of T. 7 S. R 5 E.

chs.	Land high mountains
2	Soil 3rd rate, rocky.
	Timber dense oak or aspen brush on 80.12 chs, some scattering pines
	Mountainous on 80.12 chs
	Note. On account of high precipitous mountains to the North I abandon this line here —
	August 6th 1901
	From the cor. to secs. 5. 6 31 & 32 on S. Bdy of Tp. established in this survey I run
	N. 0°04' W. bet. secs. 31 & 32
	Ascend along W. slope in dense oak brush
32.00	Summit of divide between Waterhouse Basin and Hobble Oak bears N. 70 E. and S. 70 W.
40.00	Set a sandstone 15 x 10 x 8 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1 1/2 ft high W. of cor.
	Pits impracticable
64.00	Cañon 100 ft. deep drains W.
80.00	Set a sandstone 16 x 12 x 5 ins. 11 ins. in the ground for cor. to secs. 29. 30. 31 & 32 marked 5 notches on E. and 1 on S. edges and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.
	Pits impracticable
	Land high mountains
2	Soil 3rd rate, rocky.
	Timber oak or aspen brush on 80.00 chs.
	Mountainous on 80.00 chs
	East on random line bet. secs. 29 & 32
40.00	Set temp. 1/4 sec. cor.
79.88	Intersect N. & S. line 8 lks. S. of cor. to secs.

Fract. Subdivision of T. 7 S. R. 5 E.

chs.	
	28. 29. 32 & 33 — Thence 8 mm
	S. 89° 54' W. on true line bet. secs. 29 & 32
	Descend on very steep N.W. slope in oak brush
31.50	Hollow 300 ft. deep drains N.
39.94	Set a sandstone 18 x 10 x 9 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1 1/2 ft. high N. of cor. Pits impracticable
51.50	Ridge 500 ft. high bears N.W. & S.E.
60.20	Hollow 100 ft. deep drains S.W.
79.88	The cor. to secs. 29. 30. 31 & 32
	Land high mountains
	Soil 3rd rate, rocky.
	Timber — oak or aspen brush on 79.88 chs.
	Mountainous on 79. 88 chs

	West on random line bet. secs. 30 & 31
40.00	Set temp 1/4 sec. cor.
76.46	Intersect W. Bdy of Tp. 24 chs. N. of cor. to secs. 25. 30. 31 & 36 which is a white quartzite 20 x 10 x 8 ins. set marked and witnessed as directed by the Surveyor General — Thence 8 mm
	N. 89° 49' E. on true line bet secs. 30 & 31
	Descend steep NE. slope in dense oak brush
15.50	Spring Branch 3 chs. wide 4 ins. deep runs N. in Canon 100 ft. deep
36.46	Set a sandstone 18 x 8 x 4 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft base 1 1/2 ft. high N. of cor. Pits impracticable
72.00	Ridge open bears S.
76.46	The cor. to secs 29. 30. 31 & 32
	Land high mountains
	Soil 3rd rate, rocky.
	Timber oak or aspen brush on 76.46 chs
	Mountainous on 76.46 chs

Fract. Subdivision of T. 7 S. R. 5 E.

Note: On account of high precipitous mountains I abandon further subdivision of this Tp.

August 7th 1901

General Description.

The surveyed part of this Tp embraces a portion of the Divide between Hobble Creek on the NW. Diamond Creek on the East and Waterhodes Basin on the South. It is all very mountainous, averaging not less than 9000 ft. in Altitude — No part of the land can be cultivated and there are no settlers nor any improvements made by settlers — The slopes of the Mountains are covered with oak or aspen brush according to whether the moisture in the ground is small or great sometimes there are pine trees on the N. slope of the highest points — The country has been an excellent summer range but persistant overstocking with sheep has killed the grass. I found no indications of valuable Minerals.

The unsurveyed portion of the Tp. consists mainly of high precipitous mountains and deep gorges in no cases agricultural land. I found no trace of Ed. A. Kleppack, A. H. Spafford & Joseph E. Smith, applicants for survey of this Tp. or their improvements.

Adolphe Jensen
U. S. Deputy Surveyor

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by .....

..... United States Deputy Surveyor, to assist in running, measuring, and

rking the lines and corners described in the foregoing field notes of the survey of .....

.....

wing the respective capacities in which they acted:

....., *Chainman.*

....., *Chainman.*

For final affidavits see Cert. G. Tp. 7 S. R. 6 E. ....., *Moundman.*

....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted .....

..... United States Deputy Surveyor, in surveying all

e parts or portions of the .....

.....

.....

..... of the .....

..... meridian, ... of ....., which are represented

e foregoing field notes as having been surveyed by him and under his direction; and that said survey

been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the

er monuments established, according to the instructions furnished by the United States Surveyor

ral for .....

....., *Chainman.*

....., *Chainman.*

....., *Moundman.*

For final affidavits see Cert. G. Tp. 7 S. R. 6 E. ....., *Moundman.*

....., *Axman.*

....., *Axman.*

....., *Flagman.*

.....

cribed and sworn to before me this .....

lay of ....., 189

SEAL

.....

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyo
solemnly swear that, in pursuance of a contract received from _____
United States Surveyor General for _____, bearing date o
_____ day of _____, 189 , I have well, faithfully, and truly, in my
proper person, and in strict conformity with the instructions furnished by the United States Surv
General for _____, the Manual of Surveying Instructions, and the laws c
United States, surveyed all those parts or portions of _____
_____
_____
_____
_____ of the
_____ meridian, in the _____ of _____, which are represented
foregoing field notes as having been surveyed by me, and under my direction; and I do further sole
swear that all the corners of said survey have been established and perpetuated in strict accordance
the Manual of Surveying Instructions, and the special written instructions of the United States Su
General for _____ and in the specific manner described in the field notes, and
the foregoing are the original field notes of such survey; and should any fraud be detected, I will s
the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

_____
United States Deputy Su

Subscribed by said _____, and sworn to before me
this _____ day of _____, 189

SEAL

_____

_____

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, July 15 19
, 1

The foregoing field notes of the survey of the fractional subdivisions
of Township 1 South, Range 5 East of the Salt
Lake Base & Meridian, Utah
_____
_____
_____
_____
_____
executed by Adolphe Jessen
under his contract No. 227, dated January 28, 189, having
critically examined, and the necessary corrections and explanations made, the said field notes, and
surveys they describe, are hereby approved.

Edward M. Rudolph
United States Surveyor Gen

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 offi

_____
United States Surveyor Gen

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BOOK A-327

SEP 14 1908

FIELD NOTES

corrected

OF THE SURVEY OF certain lines of the

Subdivision lines

of

T 7 N. - R 5 E.

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Adolph Lemm, United States Deputy Surveyor,

under his Contract No. 227, dated January 28th, 1907

Survey commenced August 26th, 1908

Survey completed August 27th, 1908

4—811

NAMES AND DUTIES OF ASSISTANTS.

Harry C. Jessen } Chainmen
Chester A. Evans }

William N. Evans { Moundsman
Axeman

Tax preliminary affidavits in book 2 Fp 85 R5E

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Volume
#
R0327

BOOK A-327

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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level
chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same;
we will report the true distances to all notable objects, and the true lengths of all lines that we assi
measuring, to the best of our skill and ability, and in accordance with instructions given us, in the surv

_____

_____, *Chain*

_____, *Chain*

Subscribed and sworn to before me this _____
day of _____, 189

SEAL

_____

_____

WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of moundmen in the establish
of corners, according to the instructions given us, to the best of our skill and ability, in the surv

_____

_____, *Mound*

_____, *Mound*

Subscribed and sworn to before me this _____
day of _____, 189

SEAL

_____

_____

WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of co
and other duties, according to instructions given us, to the best of our skill and ability, in the surve

_____

_____, *Axe*

_____, *Axe*

Subscribed and sworn to before me this _____
day of _____, 189

SEAL

_____

_____

I, _____, do solemnly swear that I will well and t
perform the duties of flagman according to instructions given me, to the best of my skill and ability, in
survey of _____

_____, *Flag*

Subscribed and sworn to before me this _____
day of _____, 189

SEAL

_____

_____

Corrected Survey of certain Subdivision lines in T. 7 S. R. 5 E.

chs.

Survey commenced August 26th 1903.

From the established cor. to secs 1. 2. 35 & 36 on S. Bdy of Tp. I run

N. 0°01'W bet. secs. 35 & 36

40.00 The 1/4 sec. cor. bet. secs. 35 & 36, as described in my original field notes, in place

80.00 Point on N.W. edge of very steep slide sloping E. to Diamond Fork. The cor. is destroyed but the marked cor. stone is found at bottom of slide. The slide has worked considerably since time of original survey and is plainly unsafe now for any cor. – Therefore at point 30 lks. N. of true cor. point on a sandstone in place 24 x 22 x 12 ins. above ground I make a cross (x) at the exact cor. point for Witness cor. to secs. 25. 26. 35 & 36 and mark said rock in place 1 notch on E. and S. edges and W. C. on top face, and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor. – Pits impracticable

No change in topography

See original notes book F. Pp. 2; witness cor. set instead of true sec. cor.

N. 0°01'W. bet. secs. 25 & 26

0.30 Witness cor. to secs. 25. 26. 35 & 36 on line

40.00 The 1/4 sec. cor. bet. secs. 25 & 36, as described in my original field notes, in place

80.00 The cor. to secs. 23. 24. 25 & 26, as described in my original field notes, in place.

No change in topography

August 26th 1903.

See original notes book F. Pp. 3; witness cor. set instead of true sec. cor.

Corrected Survey of certain Subdivision lines in T. 7 S.,

chs.	
	August 27th 1903.
	From the established cor. to secs. 23. 24. 25 & 26 I. mm
	West bet. secs. 23 & 26
40.00	The 1/4 sec. cor. bet. secs. 23 & 26, as described in my original field notes, in place.
80.00	The cor. to secs 22. 23. 26 & 27, as described in my original field notes, in place
	No change in the topography
	From the established cor. to secs. 22. 23 26 & 27 I mm
	I. 0°02' E. bet. secs. 26 & 27
40.00	The 1/4 sec. cor. bet. secs 26 & 27, as described in my original field notes, in place
80.00	The cor. to secs 26. 27. 34 & 35, as described in my original field notes, in place.
	No change in the topography
	August 27th 1903.
	Adolphus Jessen
	U. S. Dep. Surveyor.

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by ..... United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of ..... owing the respective capacities in which they acted:

..... *Chainman.*

..... *Chainman.*

..... *Moundman.*

..... *Moundman.*

..... *Axman.*

..... *Axman.*

..... *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted ..... United States Deputy Surveyor, in surveying all or parts or portions of the .....

..... of the ..... meridian, ... of ....., which are represented by the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the proper monuments established, according to the instructions furnished by the United States Surveyor General for .....

..... *Chainman.*

..... *Chainman.*

..... *Moundman.*

..... *Moundman.*

..... *Axman.*

..... *Axman.*

..... *Flagman.*

Subscribed and sworn to before me this .....
day of ....., 189 .

SEAL.

.....

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, ..., United States Deputy Surveyor, solemnly swear that, in pursuance of a contract received from United States Surveyor General for ..... (C), bearing date of ..... day of ....., 189 , I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surv General for ....., the Manual of Surveying Instructions, and the laws of United States, surveyed all those parts or portions of

.....

.....

.....

..... of the .....

..... meridian, in the ..... of ....., which are represented in foregoing field notes as having been surveyed by me, and under my direction; and I do further sole swear that all the corners of said survey have been established and perpetuated in strict accordance the Manual of Surveying Instructions, and the special written instructions of the United States Surv General for ..... and in the specific manner described in the field notes, and the foregoing are the original field notes of such survey; and should any fraud be detected, I will s the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

In final office sets in book of [illegible]

.....

United States Deputy Su

Subscribed by said ....., and sworn to before me this ..... day of ....., 189

SEAL

.....

.....

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah Sept 19, 1903, 18

The foregoing field notes of the Corrective survey of the subdivisional lines of Township 7 South Range 5 East of the Salt Lake Base & Meridian, Utah

executed by Adolphe Jessen under his contract No. 227, dated January 28, 1899, having critically examined, and the necessary corrections and explanations made, the said field notes, and Corrective surveys they describe, are hereby approved.

Edward H Anderson

United States Surveyor Gen

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 offic

.....

United States Surveyor Gen

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4—679.

BOOK A-327

FIELD NOTES

OF THE SURVEY OF THE

Fractional Subdivisions

of

T. 7 S. - R. 6 E.

Of the Salt Lake Base & Meridian,

State of Utah

AS SURVEYED BY

Adolphe Jensen, United States Deputy Surveyor,

under his Contract No. 227, dated January 28th, 1899

Survey commenced August 8th, 1899

Survey completed August 13th, 1899

c—151

R 21.73.03 ✓

BOOK A-327

NAMES AND DUTIES OF ASSISTANTS.

Chas. B. McElroy } Chainmen
F. R. Kingdon

Chas. Cravens Monumentman

Harry A. Rager Axman

Harry Jessen Flagman

For preliminary affidavits see book B. Tp. 8 S. R5 E.

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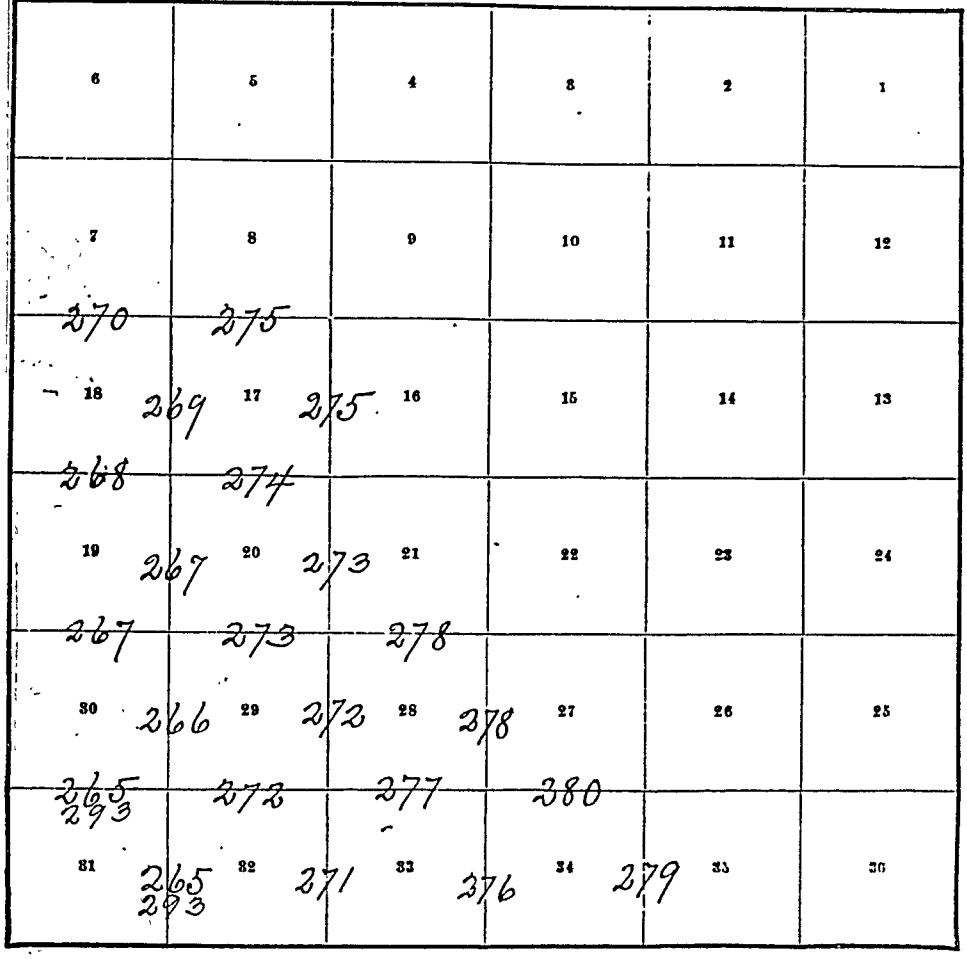
Volume
#
R0327

BOOK A-327

INDEX DIAGRAM.

Township 7 S., *Range* 6 E.



Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level th
chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; th
we will report the true distances to all notable objects, and the true lengths of all lines that we assist
measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey
_____

_____, *Chainma*

_____, *Chainma*

Subscribed and sworn to before me this _____
day of _____, 189

_____

_____

SEAL

WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of moundmen in the establishme
of corners, according to the instructions given us, to the best of our skill and ability, in the survey
_____

_____, *Moundma*

_____, *Moundma*

Subscribed and sworn to before me this _____
day of _____, 189

_____

_____

SEAL

WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corne
and other duties, according to instructions given us, to the best of our skill and ability, in the survey
_____

_____, *Axma*

_____, *Axma*

Subscribed and sworn to before me this _____
day of _____, 189

_____

_____

SEAL

I, _____, do solemnly swear that I will well and trul
perform the duties of flagman according to instructions given me, to the best of my skill and ability, in th
survey of _____

_____, *Flagman*

Subscribed and sworn to before me this _____
day of _____, 189

_____

_____

SEAL

Fract. Subdivision of T. 7 S. R. 6 E.

Chs

Survey commenced August 8th 1901 with instrument described in Book "A"

The East Bdy. of this Tp is inside of the Uintah Indian Reservation and cannot be included in this survey. Therefore I subdivide the part to be surveyed from West to East and begin at the cor. to secs. 5. 6. 31 & 32 on S. Bdy of Tp. established in this survey and run

N. 0°01' E. bet. secs. 31 & 32

Ascend steep S. slope of big mountain locally known as Twotone Hill in oak brush

38.00 Point near S. end of the Summit of said Twotone Hill; now along broken E. slope

40.00 Falls on stationary sandstone 24 x 20 x 8 ins. above ground At the exact cor point I make a cross (x) for 1/4 sec. cor. and mark 1/4 on W. side of same and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.

Pits impracticable

80.00 Set a sandstone 18 x 8 x 4 ins. 12 ins. in the ground for cor. to secs. 29. 30. 31 & 32 marked 5 notches on E. and 1 on S edges and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.

Pits impracticable

Land high mountains

Soil 3rd rate, rocky.

Timber dense oak, aspen or cherry brush on 80.00 chs

Mountainous on 80.00 chs

West on random line bet secs. 30 & 31

40.00 Set temp 1/4 sec. cor.

78.40 Intersect W. Bdy of Tp 28 lks. N. of cor. to secs. 25. 30. 31 & 36 established in this survey

Thence I run

Fract. Subdivisions of T. 7 S. R. 6 E.

chs.	
	N. 89°45' E. on true line bet secs 30 & 31
	Descend
18.50	Hollow draws S.W. Ascend
38.40	Set a sandstone 20×8×4 ins. 15 ins. in the ground for ¼ sec cor. marked ¼ on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor
	Pits unpracticable
47.00	Ridge projecting from Main hill bears N.E. & S.W.
72.50	Summit of Tortone hill bears N. & S.
78.40	The cor. to secs. 29. 30. 31 & 32
	Land high Mountains
	Soil 3rd rate, rocky
	Timber down oak or aspen brush on 78.40 chs
	Mountainous on 78.40 chs

N. 0°01' E. bet secs. 29 & 30

	Ascend S.E. slope
10.00	Enter Summit of Tortone hill bears N. & S.W.
40.00	Set a sandstone 24×10×4 ins. 18 ins. in the ground for ¼ sec. cor. marked ¼ on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor.
	Pits unpracticable
61.00	The Summit of Tortone hill now bears westerly Descend gradually on N.E. slope
62.00	Enter dense grove of aspen
80.00	Set a sandstone 20×12×6 ins. 15 ins. in the ground for cor to secs. 19. 20. 29 & 30 marked 5 notches on E and 2 on S. edges
	from which
	An aspen 4 ins. diam bears N. 58° E. 34 lks. dist. marked T. 7 S. R. 6 E. S. 20 B.T.
	An aspen 2 ins. diam. bears N. 65° 15' W. 10 lks. dist. marked T. 7 S. R. 6 E. S. 19 B.T.
	An aspen 8 ins. diam. bears S. 44° 30' W. 10 lks. dist. marked T. 7 S. R. 6 E. S. 30 B.T.
	An aspen 3 ins. diam bears S. 33° 30' E. 22 lks. dist. marked T. 7 S. R. 6 E. S. 29 B.T.

Tract. Subdivision of T. 7 S. R. 6 E.

chs.	
	Land high mountains Soil 3rd rate, rocky. Timber dense oak or aspen brush on 80.00 chs Mountainous on 80.00 chs
	S. 89°48' W on random line bet secs 19 & 30
40.00	Set temp. 1/4 sec. cor.
78.66	Intersect W. Bdy of Tp. 28 lks. S. of cor. to secs. 19. 24. 25 & 30 established in this survey Thence I run East on true line bet secs. 19 & 30
	Ascend steep W. slope in dense aspen brush
34.00	Summit of Twotone hill 9500 ft. high bears N.W. and S.E. now along broken N. slope in oak or aspen brush with patches of pine
38.66	Set a sandstone 18 x 14 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which A pine 30 ins diam. bears N. 61°15' W. 14 lks. dist. marked 1/4 S 19 B.T. A pine 9 ins. diam bears S. 22° W. 16 lks. dist. marked 1/4 S. 30 B.T.
72.50	Ridge spur bears N - Leave pines
78.66	The cor. to secs. 19. 20. 29 & 30 Land high mountains Soil 3rd rate, rocky. Timber dense aspen or oak brush on 78.66 chs - Patches of pine timber on 38.50 chs. Mountainous on 78.66 chs August 8th 1901
	N. 0°01' E. bet. secs. 19 & 20
	Descend steep N. slope
14.00	Spring Branch 3 lks. wide 6 ins. deep runs W.

chs. heads 15. chs East - Ascend
31.00 Enter broad Summit of ridge spur bears S.W. terminating in high butte W. of line
32.00 Enter dense aspen
40.00 Set a sandstone 24 x 20 x 10 ins 18 ins in the ground for 1/4 sec. cor marked 1/4 on W. face
from which
An aspen 3 ins. diam. bears N. 58° 30' E. 13 lks. dist. marked 1/4 S. 20 B.T.
An aspen 4 ins. diam. bears N. 68° W. 8 lks dist., marked 1/4 S. 19 B.T.
44.00 Steep descend in dead and fallen timber
72.40 Hall's Fork 5 lks. wide 12 ins. deep runs W. in Canyon 500 ft deep
73.50 Spring Branch 3 lks. wide 4 ins. deep runs S.W.
Joins Halls Fork 1.50 chs. S.W.
74.00 Steep ascent in oak brush
80.00 Set a sandstone 20 x 7 x 7 ins. 15 ins. in the ground for cor to secs. 17. 18. 19 & 20 marked 5 notches on E. and 3 on S. edges and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.
Pits impracticable
Land high Mountains
Soil 3rd rate, rocky
Timber dense oak and aspen brush on 80.00 chs. and fallen pine and aspen timber on 28.40 chs
Mountainous on 80.00 chs

West on random line bet. secs. 18 & 19
40.00 Set temp. 1/4 sec. cor
78.58 Intersect W. Bdy of Tp. 12 lks. S. of cor to secs 13. 18. 19 & 24 established in this survey
Thence I run
S. 89° 55 E. on true line bet secs 18 & 19

Descend very broken S. slope in oak brush
38.58 Set a sandstone 16 x 9 x 5 ins. 11 ins in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a

Trac. Subdivision of T. 7 S. R. 6 E.

chs	
	mound of stone 2 ft. base 1½ ft. high N. of cor.
	Pits impracticable
78.58	The cor to secs. 17. 18. 19 & 20
	Land high mountains
	Soil 3rd rate, rocky.
	Timber dense oak brush on 78.58 chs
	Mountainous on 78.58 chs

N. 0°01 E. bet. secs 17 & 18

	Ascend in oak brush
35.00	Flattopped ridge bears N.E. & S.W.
36.00	Head of hollow drains W., now in aspen brush
40.00	Set a sandstone 14 x 10 x 8 ins - 9 ins. in the ground for ¼ sec. cor. marked ¼ on W. face
	from which
	An aspen 10 ins. diam. bears S. 70°20' E. 2.75 chs. dist. marked ¼ S. 17 B.T.
	An aspen 9 ins diam bears S. 39°30' W 2.63 chs. dist. marked ¼ S. 18 B.T.
	Gradual ascent over small ridges in aspen
80.00	On summit of ridge spur bears S.W. set a sandstone 18 x 14 x 10 ins. 12 ins. in the ground for cor. to secs. 7. 8. 17 & 18 marked 5 notches on E and 4 on S edges - from which
	An aspen 7 ins diam bears N. 40° E. 43 lks. dist.; marked T. 7 S. R. 6 E. S 8 B.T.
	An aspen 4 ins. diam bears N. 1°30' W. 46 lks dist. marked T. 7 S. R. 6 E. S. 7 B.T.
	An aspen 3 ins. diam. bears S. 15°15' W. 19 lks. dist. marked T. 7 S. R. 6 E. S. 18 B.T.
	An aspen 2½ ins. diam. bears S. 49°30' E. 6 lks. dist. marked T. 7 S. R. 6 E. S. 17 B.T.
	Land high mountains
	Soil 3rd rate, rocky.
	Timber dense oak and aspen brush on 80.00 chs
	Mountainous on 80.00 chs.

Tract. Subdivision of T. 7 S. R. 6 E.

Chs.	
	N. 89° 55' W. on random line bet. secs. 7 & 18
40.00	Set temp. 1/4 sec. cor.
78.50	Intersect W. Bdy of Tp. 12 chs W. of cor. to secs. 7. 12. 13 & 18 established in this survey
	Thence I mee
	East on true line bet. secs. 7 & 18
	Ascend over small ridge spurs running S.W. in aspen brush.
38.50	On ridge spur bears S.W. at a candelabra 20 x 12 x 6 ins 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which
	An aspen 3 ins. diam. bears N. 48° W. 6 lks. dist. marked 1/4 S. 7 B.T.
	And aspen 3 ins. diam. bears S. 47° 30 E. 11 lks dist. marked 1/4 S. 18 B.T.
	Descend in aspen and oak brush
65.00	Bear Fork 4 lks. wide 8 ins. deep runs S.W. in bottom of canyon 100 ft. deep
78.50	The cor. to secs. 7. 8. 17 & 18
	Land high mountainous
	Soil 3rd rate, rocky
	Timber dense aspen & oak brush on 78.50 chs
	Mountainous on 78.50 chs
	Note: I do not think the following bet. secs 7 & 8 can be run without crossing the Reservation ridge, so I abandon line here
	August 9th 1901

From the cor. to secs. 4. 5. 32 & 33 on S. Bdy of Tp. established in this survey in Lat. 40° 10' N. Long 111° 18' W. I observe Polaris in accordance with instructions of the Manual on August 9th 1901 at 10 h. 16 m. P.M. Mean Solar time at Eastern Elongation and mark a point in the line thus determined on a pkey, drove in the ground 5 chs. N. of cor.

chs.	
	August 9th 1901
	August 10th 1901 – At 6 h. 30 m. a. m. l. m. t. I beg off the azimuth of Polaris 1°36' E to the west and mark the true Meridian thus determined by cutting a mark on a stone firmly imbedded in the ground West of the mark established last night – The magnetic bearing of said true Meridian is N. 16°43' W. which reduced by the table on page 100 of the manual gives the mean magnetic declination 16°38' E.
	From the above mentioned cor. I run
	N. 0°02' E. bet secs 32 & 33
	Record in dense aspen brush
20.00	Set hitching Creek 5 lks. wide 8 ins. deep runs W. in bottom of canyon 200 ft. deep.
20.50	Old wagon road bears E. & W. – Ascend in oak brush
40.00	Set a sandstone 16 x 10 x 6 ins. 11 ins. in the ground for 1/4 sec. cor marked 1/4 on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Record
45.25	N. Fork of Hitchwater Creek 5 lks. wide 6 ins. deep runs S.W. in bottom of canyon 100 ft. deep
50.50	Spring Branch 3 lks. wide 4 ins. deep runs S.E. in bottom of gulch – Ascend steep S.E. slope –
65.00	Ascent becomes more gradual
80.00	Set a sandstone 20 x 18 x 10 ins. 15 ins. in the ground for cor to secs. 28. 29. 32 and 33 marked 4 notches on E. and 1 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Land high mountains Soil 3rd rate, rocky. Timber dense aspen or oak brush on 80.00 chs Mountainous on 80.00 chs

Subdivision of T. 7 S. R. 6 E.

chs	
	West on random line bet. secs. 29 & 32
40.00	Set temp 1/4 sec. cor.
80.08	Intersect N. & S line at cor. to secs. 29. 30. 31 & and 32, Thence S mm
	East on true line bet. secs. 29 & 32
	Ascend E. slope of Tertiary hill in aspen and decay brush gradually changing to oak brush
40.04	Set a sandstone 18 x 8 - 8 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 fe. base 1 1/2 fe. high N. of cor. Pits impracticable
63 00	Gulch drains S
80 08	The cor. to secs. 28. 29. 32 & 33 Found high mountains Soil 3rd rate, rocky. Timber dense aspen or oak brush on 80.08 chs Mountainous on 80.08 chs

N. 0° 02' E. bet. secs. 28 & 29

	Ascend
17.00	Ridge 200 fe. high bears NE. & SW.
30.00	Hollow 100 fe. deep drains SW. Ascend
40.00	Set a sandstone 18 x 12 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 fe. base 1 1/2 fe. high W. of cor. Pits impracticable
64.00	Ascend along E. slope of ridge bears N. & SW.
80.00	Set a sandstone 24 x 14 x 6 ins. 18 ins. in the ground for cor. to secs. 20. 21. 28 & 29 marked 4 notches on E and 2 on S. edges from which An aspen 8 ins. diam. bears N. 37° E. 62 lks. dist. marked T. 7 S. R. 6 E. S 21 B. T.

Frac. Subdivision of T. 7 S. R. 6 E.

0ks.	An aspen 9 ins. diam. bears N. 63° W. 29 lks. dist. marked T. 7 S. R. 6 E. S. 20 B. T. An aspen 8 ins. diam. bears S. 69° 30' W. 15 lks. dist. marked T. 7 S. R. 6 E. S. 29 B. T. An aspen 9 ins. diam. bears S. 41° E. 78 lks. dist. marked T. 7 S. R. 6 E. S. 28 B. T. Land high mountains Soil 3rd rate, rocky. Timber — dense oak or aspen brush on 8.00 chs. Mountainous on 8.00 chs
	West on random line bet. secs. 20 & 29
40.00	Set temp. 1/4 sec. cor.
80.00	Intersect N. & S. line at cor. to secs. 19, 20, 29 & 30
	Thence S. on East on true line bet secs 20 & 29
	Descend E. slope in aspen and cherry brush
3.00	Hollow 100 ft. deep trends N. W.
4.00	Set a corrugation 14 x 10 x 5 ins. 12 ins. in the ground for 1/4 sec. cor., marked 1/4 on N. face and raised a mound of stone 2 ft. base 1 1/2 ft. high N. of cor. Pits impracticable Enter scattering pines
76.00	Ridge 200 ft. high bears N. & S.
80.00	The cor to secs. 20, 21, 28 & 29 Land high mountains Soil 3rd rate, rocky. Timber dense aspen, cherry or oak brush on 8.00 chs. a few scattering pines on E. 1/2 Mountainous on 80.00 chs August 10th 1901
	N. 0° 02' E. bet. secs. 20 & 21
18.50	Ridge 200 ft. high, bears NE. & SW.

Trail Subdivision of T. 7 S. R. 6 E.

Chs	
38.00	Hollow 100 ft. deep drains S.W.
40.00	Set a sandstone 18 x 9 x 5 ins. set 12 ins. in the ground for ¼ sec. cor. marked ¼ on W. face and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable
45.00	Ridge 200 ft. high bears E. & W. — Descend precipitous N. slope
67.00	Hall's Fork 5 lks. wide 8 ins. deep runs W. in bottom of canyon 200 ft. deep — Ascend precipitous N. slope
80.00	Set a sandstone 24 x 10 x 6 ins. 18 ins. in the ground for cor. to secs. 16. 17. 20 & 21 marked 4 notches on E. and 3 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Land high mountains Soil 3rd rate, rocky. Timber oak and aspen brush and some scattering pines on N. slope Mountainous on 80.00 chs

West on random line bet. secs. 17 & 20

40.00	Set temp ¼ sec. cor.
80.05	Intersect N. & S. line 14 lks. N. of cor. to secs 17. 18. 19 & 20 — Thence I run N. 89° 54' E. on true line bet. secs. 17 & 20

Descend

1.35	Spring Branch 3 lks. wide 4 ins. deep runs S.W. in mouth of hollow
3.00	Ascend along N. slope in aspen brush
35.00	Cross ridge spur bears S. 80° W. but continue gradual ascent
40.00	Set a sandstone 24 x 12 x 6 ins. 18 ins. in the ground for ¼ sec. cor. marked ¼ on N. face from which An aspen 3 ins. diam. bears N. 3° 30' W. 8 lks. dist. marked ¼ S. 17 B.T.

Trail. Subdivision of T. 7 S. R. 6 E.

chs.	
	An aspen 2 ins. diam. bears S. 65°15' W. 3 lks. dist. marked 1/4 S. 20 B.T.
78.00	Ridge spur 75 ft. high bears S.
80.08	The cor. to secs. 16. 17. 20 & 21
	Land high mountains
	Soil 3rd rate, rocky.
	Timber – aspen and oak brush on 80.08 chs
	Mountainous on 80.08 chs

N. 0°02' E. bet secs. 16 & 17

	Ascend along W. slope
25.00	Ridge 500 ft high bears N.E. & S.W. Descend in dense aspen
40.00	Falls on stationary sandstone 3 x 2 x 1½ ft. above ground – At the exact cor. point I mark a cross (x) for 1/4 sec cor and 1/4 on W. side of same from which
	An aspen 2 ins. diam bears S. 66°15' W. 10 lks. dist. marked 1/4 S. 17 B.T.
	An aspen 2½ ins. diam. bears S. 84° E. 10 lks. dist. marked 1/4 S. 16 B.T
43.00	Gulch 200 ft. deep drains S.W. – Leave aspen enter oak brush Ascend S.W. slope of Reservation Ridge
80.00	Set a sandstone 20 x 12 x 8 ins. 15 ins. in the ground for cor. to secs. 8. 9. 16 & 17 marked 4 notches on E. and S. edges and raised a mound of stone 2 ft. base 1½ ft high W. of cor. .. Pits impracticable
	Land high mountains
	Soil 3rd rate, rocky
	Timber dense aspen or oak brush on 80.00 chs.
	Mountainous on 80.00 chs

S. 89°54' W. on random line bet secs. 8 & 17

40.00	Set temp 1/4 sec. cor.

Fract. Subdivision of T. 7 S. R. 6 E.

chs. 80.10	Interest N. & S. line 5 chs. S. of cor. to secs. 7, 8, 17 & 18 — Thence I run N. 89° 56' E. on true line bet. secs 8 & 17
1.00	Ridge spur bears S.W.
24.00	Hollow drains S.W.
36.00	Ridge 100 ft. high bears N.E. & S.W.
40.05	Set a sandstone 16 x 9 x 6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor. pits in rock
52.50	Ridge Spur 300 ft. high bears S.W.
68.00	Rocky canyon 500 ft. deep drains S.W.
80.10	The cor. to secs. 8, 9, 16 & 17
	bears high mountains
	Soil 3rd rate, rocky.
	Timber - oak and aspen brush on 80.10 chs
	Mountainous on 80.10 chs
	Note — Part of sec. 8 will fall N.E. of the Recreation ridge I therefore abandon this line here.
	August 11th 1901

From the cor. to secs. 3, 4, 33 & 34 on S. Bdy of Tp. established in this survey I run N. 0° 02' E. bet. secs. 33 & 34

2.00	Bears aspen — Spring Branch 2 lks. wide 3 ins. deep runs W. in hollow 50 ft. deep, Fork of Silkwood Creek
2.50	Old timber road bears E. & W. crossed in oak brush
6.50	Ridge spur 100 ft high bears S.W.
10.00	Hollow 75 ft. deep drains S.W.
33.00	Ridge 200 ft. high bears S.W. & N.E.
35.00	Enter dense aspen
40.00	Set aspen post 3 ft. long 3 ins. square 24 ins. in the ground for 1/4 sec. cor. marked 1/4 S. 33 on W. and 34 on E faces

Tract. Subdivision of T. 7 S. R. 6 E.

chs.	
	from which
	An aspen 2 ins. diam. bears N. 63°15' W. 16 lks. dist., marked 1/4 S. 33 B.T.
	An aspen 2 ins. diam. bears S. 70°30' E. 30 lks. dist. marked 1/4 S. 34 B.T.
42.50	Spring Branch 2 lks. wide 4 ins. deep runs W. in bottom of broad cañon 200 ft. deep. leave aspen enter oak brush
69.00	Ridge 500 ft. high bears N.E. & S.W. Re-enter aspen brush
80.00	Set a sandstone 30 × 18 × 6 ins. 24 ins. in the ground for cor to secs. 27. 28. 33 & 34 marked 3 notches on E and 1 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. pit-inf
	Land high mountains
	Soil 3rd rate, rocky.
	Timber dense aspen or oak brush on 80.00 chs
	Mountainous on 80.00 chs

West on random line bet. secs. 28 & 33

40.00	Set temp 1/4 sec. cor.
79.78	Intersect N & S. line 33 lks. S. of cor. to secs. 28. 29. 32 & 33 — Thence I run
	S. 89°46' E. on true line bet. secs. 28 & 33
	Descend 15° slope through dense aspen or oak brush
36.50	N. Fork of Sixthwater Creek 5 lks. wide 8 ins deep drains S.W. in bottom of cañon 200 ft. deep
39.89	Set a sandstone 16 × 8 × 8 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face
	from which
	An aspen 4 ins. diam. bears N. 15° W. 8 lks. dist. — marked 1/4 S. 28 B.T.
	An aspen 3 ins. diam. bears S. 15°30' E. 15 lks. dist. marked 1/4 S. 33 B.T.
47.00	Ridge spur 150 ft. high bears S.W.
78.00	Cañon 100 ft. deep drains S.W.
79.78	The cor. to secs 27. 28. 33 & 34
	Land high mountains

2	chs.	Soil 3rd rate, rocky Timber dense oak or aspen brush on 79.78 chs Mountainous on 79.78 chs
		N. 0°02' E. bet secs. 27 & 28
	1.00	Cañon 100 ft. deep drains S.W.
	23.50	Ridge 300 ft high bears N.E. & S.W.
	40.00	Set a limestone 18 x 9 x 8 ins. 12 ins. in the ground for ¼ sec. cor marked ¼ on W. face from which An aspen 4 ins. diam. bears N. 83°E. 11 lks. dist. marked ¼ S. 27 B.T. An aspen 5 ins. diam bears S. 72°30' W. 5 lks dist. marked ¼ S. 28 B.T.
	47.75	Spring Branch 2 lks. wide 3 ins. deep runs S.W. in bottom of gulch
	53.85	Spring Branch 3 lks. wide 6 ins. deep runs S.W. in bottom of gulch — Ascend along W. side of same
	65.50	Same Spring Branch runs S.E. in gulch ascend along E. side of same
	80.00	Set a sandstone 18 x 18 x 6 ins. 12 ins. in the ground for cor. to secs 21. 22. 27 & 28 marked 3 notches on E and 2 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W. of cor. Pits impracticable Land high mountains Soil 3rd rate, rocky Timber oak or aspen brush on 80.00 chs Mountainous on 80.00 chs
		N. 59°46' W. on random line bet. secs 21 & 28
	40.00	Set temp ¼ sec. cor.
	79.85	Intersect N. & S. line 19 lks. N. of cor. to secs 20. 21. 28 & 29 — Thence 3 mm

Trad. Subdivision of T. 7 S. R. 6 E.

chs	S 89° 54 E. on true line bet. secs. 21 & 28
18.00	Hollow 100 ft deep drains S.W.
35.00	Ridge 250 ft. high bears S.W. & N.E.
39.93	Set a sandstone 18 x 6 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face from which
	An aspen 6 ins. diam. bears N. 38° E. 8 lks. dist. marked 1/4 S. 21 B. T.
	An aspen 6 ins. diam bears S. 44° 15' E. 16 lks. dist. marked 1/4 S. 28 B. T.
64.00	Hollow 150 ft. deep drains S.W.
72.00	Ridge 100 ft. high bears N.E. & S.W.
76.00	Spring Branch 3 lks wide 4 ins deep runs S. in gulch
79.85	The cor. to secs 21. 22. 27 & 28
	Land high mountains
	Soil 3rd rate; rocky.
	Timber – dense oak or aspen brush on 79.85 chs
	Mountainous on 79.85 chs
	Note: Part of sec 21 will be N.E. of the Reservation ridge so I abandon this line here
	August 12th 1901

From the cor. to secs 2 3. 34 & 35 on S. Bdy of Tp. established in this survey I run

N. 0° 03' E. bet. secs. 34 & 35

	Ascend in oak brush
10.00	Ridge spur 500 ft. high bears W. Descend in aspen brush and timber and scattering pines
29.00	Spring Branch 2 lks. wide 3 ins. deep runs S. 80° W. in canyon 200 ft. deep
29.30	Old timber road bears N 80° E. & S. 80° W. Leave aspen and pine – Ascend in oak brush
40.00	Set a sandstone 16 x 11 x 6 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone 2 ft. base 1 1/2 ft. high W. of cor.

Fract. Subdivision of T. 7 S. R. 6 E

chs	Pits impracticable
43.50	Ridge 500 ft. high bears N.E. & S.W. — Enter dense aspen brush
51.00	Enter scattering pines
59.00	Gulch 100 ft deep drains S.W. Leave aspen and pines, enter oak brush
76.00	Ravine drains S.W.
80.00	Set a sandstone 16 × 14 × 5 ins. 11 ins. in the ground for cor. to secs. 26. 27. 34 & 35 marked 2 notches on E. and 1 on S. edges and raised a mound of stone 2 ft. base 1½ ft. high W of cor.
	Pits impracticable
	Land high mountains
	Soil 3rd rate, rocky
	Timber dense oak or aspen brush on 80.00 chs
	scattering pines on N. slopes
	Mountainous on 80.00 chs

West on random line bet. secs 27 & 34

40.00	Set temp ¼ sec. cor.
80.00	Intersect N. & S. line at cor. to secs 27. 28. 33 & 34
	Run S nm

East on true line bet. secs. 27 & 34

	Ascend N.W. slope in dense aspen
16.50	Ridge 500 ft high bears N.E. & S.W. Enter oak brush
22.00	Precipitous ravine 100 ft. deep drains S
40.00	Set a sandstone 14 × 8 × 8 ins. 9 ins. in the ground for ¼ sec. cor. marked ¼ on N. face and raised a mound of stone 2 ft. base 1½ ft. high N. of cor.
	Pits impracticable
48.00	Spring Branch 2 lks. wide 3 ins. deep runs S.W. in bottom of canon 200 ft deep — Ascend in pine timber.
54.00	Leave pine. Enter aspen brush
70.60	Ridge 500 ft. high bears N.E. & S.W. — Enter oak brush
80.00	Pit cor. to secs 26. 27. 34 & 35
	Land high mountains

Fract. Subdivision of T. 7 S. R. 6 E.

Soil 3rd rate, rocky
Timber pine on 6.00 chs, dense aspen or oak brush on balance
Mountainous on 8000 chs

Note: Sec. 27 is partly N.E. of the Reservation ridge as is also sec. 35 so I abandon further survey of this Tp

August 13th 1901

General Description

The surveyed part of this Tp embraces the head-waters of Sixthwater Creek and Halls Fork both tributaries to Beaumont Creek – The land is alltogether mountainous situated at an Altitude of not less than 9000 ft. entirely unfit for cultivation and contains no settler nor did I see any attempt at settlement. The slopes are generally covered with dense oak brush on the S. and W and aspen brush on the N. and E. sides with occasional patches of pine timber near the summits – It has been an excellent summer range but overstocking with Sheep has killed the grass.

I found no indications of valuable minerals I found no trace of William Sunnison, George Sunnison and James H. Sunnison applicants for the survey of this Tp. or their improvements.

Adolphe Jessen
U. S. Deputy Surveyor

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Adolphe Jessen, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the Subdivisions of T. 8 S. R. 5 E. and fract. subs of T. 8 S. R. 6 E. - T. 7 S. Rgs. 5 & 6 E. showing the respective capacities in which they acted:

Chas. B. McElroy, *Chainman.*
F. R. Kingdon, *Chainman.*
Chas. Cravens, *Moundman.*
, *Moundman.*
Harry A Ragan, *Axman.*
, *Axman.*
Harry Jessen, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Adolphe Jessen, United States Deputy Surveyor, in surveying all those parts or portions of the Subdivisions of T. 8 S. R. 5 E., fract. subs of T. 8 S. R. 6 E and of T. 7 S. Rgs. 5 & 6 E.

of the Salt Lake B. & M. meridian, State of Utah, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah

Chas B McElroy, *Chainman.*
F R Kingdon, *Chainman.*
, *Moundman.*
Chas. Cravens, *Moundman.*
Harry A. Ragan, *Axman.*
, *Axman.*
Harry Jessen, *Flagman.*

Subscribed and sworn to before me this 16th day of August, ~~1899~~ 1901

SEAL

Wm H Brunel
Notary Public.

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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Adolphe Jessen, United States Deputy Survey
solemnly swear that, in pursuance of a contract received from Jacob B Blair
United States Surveyor General for Utah, bearing date of
28th day of January, 1899, I have well, faithfully, and truly, in my
proper person, and in strict conformity with the instructions furnished by the United States Sur
General for Utah, the Manual of Surveying Instructions, and the laws of
United States, surveyed all those parts or portions of the subdivisions of Tp
R. 5 E, the fractional subdivisions of T. 8 S. R. 6 E.
and of T. 7 S. Rgs. 5 & 6 E.

of the
Salt Lake Base and Meridian, in the State of Utah, which are represented in
foregoing field notes as having been surveyed by me, and under my direction; and I do further solc
swear that all the corners of said survey have been established and perpetuated in strict accordance
the Manual of Surveying Instructions, and the special written instructions of the United States Sur
General for Utah and in the specific manner described in the field notes, and
the foregoing are the original field notes of such survey; and should any fraud be detected, I will s
the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Adolphe Jessen
United States Deputy Su

Subscribed by said Adolphe Jessen, and sworn to before me
this 16th day of November 1901.

Edward H Anderson
U. S. Surveyor-Gene
for U

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, July 15, 1902, 19

The foregoing field notes of the survey of the fractional subdivisions of
Township 7 South Range 6 East of the Salt Lake Base
and Meridian, Utah

executed by Adolphe Jessen
under his contract No. 227, dated January 28th, 1899, having
critically examined, and the necessary corrections and explanations made, the said field notes, and
surveys they describe, are hereby approved.

Edward H Anderson
United States Surveyor Ge

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 offic

United States Surveyor Ge

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BOOK A-327

H.J.B.

FIELD NOTES

OF THE corrected SURVEY OF THE certain parts of the

Subdivision lines

of

T. 7 S. – R. 6 E.

Of the Salt Lake Base and Meridian,

State of Utah

AS SURVEYED BY

Adolphe Jessen, United States Deputy Surveyor,

Under his Contract No. 227, dated January 28th, 1899

Survey commenced August 28th, 1903

Survey completed August 28th, 1903

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NAMES AND DUTIES OF ASSISTANTS.

Harry C. Jessen
Chester O. Evans } Chainmen

William N. Evans { Monudsman
Aseman

For preliminary affidavit see book 2, Tp 8 R 5 E.

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Volume
#
R0327

BOOK A-327

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Meanders Page.....

PRELIMINARY OATHS OF ASSISTANTS.

WE, _____ and _____
do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain over even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of

_____

_____, *Chainman.*

_____, *Chainman.*

Subscribed and sworn to before me this _____
day of _____, 189

_____

SEAL

_____

WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of moundmen in the establishment of corners, according to the instructions given us, to the best of our skill and ability, in the survey of

_____

_____, *Moundman*

_____, *Moundman*

Subscribed and sworn to before me this _____
day of _____, 189

_____

SEAL

_____

WE, _____ and _____
do solemnly swear that we will well and truly perform the duties of axmen in the establishment of corners and other duties, according to instructions given us, to the best of our skill and ability, in the survey of

_____

_____, *Axman*

_____, *Axman*

Subscribed and sworn to before me this _____
day of _____, 189

_____

SEAL

_____

I, _____, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of _____

_____, *Flagman*

Subscribed and sworn to before me this _____
day of _____, 189

_____

SEAL

_____

Corrected Survey of certain Subdivision lines in T. 7 S. R. 6 E.

Chs.

Survey commenced August 28th 1903.

From the established cor. to secs 5. 6. 31 & 32 on S. Bdy of Tp. I run

N. 0°01' E. bet. secs. 31 & 32

40.00 The only 1/4 sec. cor. to be found bears W. 1.00 ch. At point reached set temporary 1/4 sec. cor..

80.00 The cor. to secs. 29. 30. 31 & 32, as described in my original field notes, in place; and thence (Beating the North line just run as a random line) I run

S. 0°01' W. bet. secs. 31 & 32

40.00 Set a sandstone 16 x 8 x 8 ins. 11 ins. in the ground for 1/4 sec. cor. bet. secs. 31 & 32 marked 1/4 on W. face and mixed a mound of stone 2 ft. base 1½ ft. high W. of cor. - Pits impracticable.

Note: The 1/4 sec. cor. found one chain N. of true cor. point I destroy -

80.00 The cor. to secs. 5. 6. 31 & 32

No change in topography.

Returning to the cor. to secs 29. 30. 31 & 32. I run from it

S. 89°45' W. bet. secs 30 & 31

40.00 The 1/4 sec. cor. bet secs. 30 & 31, as described in my original field notes, in place.

78.40 The cor. to secs. 25. 30. 31 & 36 on W. Bdy of Tp.

No change in the topography.

August 28th 1903.

Adolphe Jensen

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by Adolphe Jessen, United States Deputy Surveyor, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the corrected survey of a part of the subdivision lines in Tps. 7 & 8 S. Rgs. 5 & 6 E. Salt Lake Meridian showing the respective capacities in which they acted:

Harry C. Jessen, *Chainman.*
Chester O. Evans, *Chainman.*
, *Moundman.*
William N. Evans, *Moundman.*
, *Axman.*
William N. Evans, *Axman.*
, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted Adolphe Jessen, United States Deputy Surveyor, in surveying all those parts or portions of the subdivision lines of Tps. 7 & 8 S. Rgs. 5 & 6 East of the Salt Lake Base and meridian, State of Utah, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said corrected survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah

Harry C. Jessen, *Chainman.*
Chester O. Evans, *Chainman.*
, *Moundman.*
William N. Evans, *Moundman.*
, *Axman.*
William N. Evans, *Axman.*
, *Flagman.*

Subscribed and sworn to before me this seventh day of September, 1903

Wm H. Brown
Notary Public

SEAL

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FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, Adolphe Jensen, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from James B. Pierce United States Surveyor General for Utah, bearing date of the 22nd day of January, 1897, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the subdivisional lines in Tps. 7 & 8 S. Rgs. 5 & 6 East

of the Salt Lake Base and Mer. meridian, in the State of Utah, which are represented in the foregoing field notes as having been surveyed 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 United States Surveyor General for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey; and should any fraud be detected, I will suffer the penalty of perjury under the provisions of an Act of Congress approved August 8, 1846.

Adolphe Jensen
United States Deputy Surveyor.

Subscribed by said Adolphe Jensen, and sworn to before me this 17th day of September, 1897

SEAL

Edward H. Anderson
U. S. Surveyor-Genl for Utah

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Sept 19, 1897

The foregoing field notes of the survey of the Subdivisional Lines of Townships 7 South Ranges 5 & 6 East of the Salt Lake Base & Meridian Utah

executed by Adolphe Jensen under his contract No. 227, dated January 28th, 1897, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Edward H. Anderson
United States 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.

United States Surveyor General.

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