26 BOOK-A-189
R: 1883

Filed 187 .

Examined by John H. Campe
Transcribed: Michaelis
Compared by E. Michaelis & R. R. Stevenson

FIELD NOTES

OF

THE SURVEY OF THE

West and South Boundaries.

of Township No. 29 S., Range No. 11 E.

of the Salt Lake Meridian in Utah Territory.

BY

Augustus D. Ferron,

U. S. DEPUTY SURVEYOR,

Under his Contract No. 110.

dated Aug 29 1882

Survey commenced Dec. 27. 1882

Survey completed " 28 1882

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West Boundary Tp. 29 S. R. 11 E.

Chains. Survey commenced Dec. 27. 1882

The instrument used is a Young's Solar Transit No. 4901. Examined and approved by the Office.

Before commencing work I tested my instrument on a Meridian obtained by an observation of Polaris.

I commenced at the established corner to Tp. 28 & 29 S. R 10 & 11 E. being a Sandstone 23 x 14 x 4 in. formerly set with stone mound alongside, from which I run.

South bet. Secs. 1 & 6.

Va. 15° 20' E.

7.00 W. fork Bow Creek 5 lks. wide 4 in. deep. runs N.E.

15.00 E. fork of same. 5 lks. wide 4 in. deep. runs N.E.

19.50 Bluff 20 ft. high bears N.E. & S.W.

West Boundary T. 29 S. R. 11 E.

Chains	
24.00	Enter hollow, drains N.E.
37.50	Leave the same, heads S.W.
40.00	Set a Sandstone 16×8×4 in. 10 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised a stone mound alongside.
47.50	Wash 10 ft. deep drains S.W. ascend
53.00	Top of bluff 70 ft. high bears E. & W.
80.00	Set a sandstone 24×6×4 in. 18 in. in the ground for Cor. to Secs. 1. 6. 7. & 12. marked 1 Notch on N. & 5 on S. edges, and raised a stone mound alongside.
	Land broken ridges
	Soil 3rd rate.
	No timber, undergrowth and
	Mountainous on 80 Chains.

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West Boundary Tp. 29 S. R. 11 E.

Chains	
	S. bet. Secs. 7 & 12.
	Va. 15° 20' E.
17.50	Wash 50 ft. deep. drains N.W.
30.50	Top of round red hill 50 ft. high.
37.50	Wash 20 ft. deep. drains W.
40.00	Set a Conglomerate 20x6x4 in. 15 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised a stone mound along side.
43.50	Wash 15 ft. deep. drains N.W.
56.50	Foot of bluff.
60.40	Top of same. bears N.W. & S.E.
63.50	Descend.
66.00	Ascend.
72.50	W. point. top of clay Butte. descend.
80.00	Set Quartz. 26x10x5 in. 18 in. in the ground. for Cor. to Secs. 7. 12. 13 & 18. marked 2 notches on N. & 4 on

West Boundary Tp. 29 S. R. 11 E.

Chains S. edges, and raised stone mound alongside.
Land broken Volcanic ridges.
Soil 3rd rate. No timber.
Undergrowth & Mountainous on Sacks.

South bet. Secs. 13 & 18.
Va. 15° 20' E.

4.00 Ascend.
21.00 E. point of rocky bluff 120 ft. high, thence along E. slope of same.
39.25 Wash drains N.E. 5 ft. deep, foot of ridge bears N.E. & S.W.
40.00 Set a sandstone 20 x 6 x 6 in. 15 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised a stone mound alongside.
42.00 Wash 4 ft. deep drains N. E.

West Boundary Tp. 29 S. R. 11 E.

Chains.	
46.50	Wash 8 ft. deep. drains N. E.
70.50	" 15 " " " " "
80.00	Set Sandstone 20x8x4 in. 15 in. in the ground for Cor. to Secs. 13. 18. 19. & 24. marked 3 notches on N. & S. edges. and raised a stone mound alongside.
	Land Volcanic ridges. and rolling flats.
	Soil 3rd rate.
	No timber. Undergrowth and Mountainous on 80 chs.
	S. bet. Secs. 19 & 24. Va. 15° 20' E.
13.10	Wash 10 ft. deep. drains N. W.
17.00	" 15 " " " "
26.50	" 60 " " " N. E.

West Boundary Tp. 29 S. R. 11 E.

Chains.	
40.00	Set Granite 14x12x5 in. 8 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised a stone mound alongside.
40.50	Wash 20 ft. deep. drains N. E.
64.00	W. close of clay Butte 150 ft. high.
80.00	Set a granite 14x12x5 in. 8 in. in the ground for Cor. to Secs. 19. 24 25 & 30 marked 4 notches on N. and 2 notches on S. edges and raised a stone mound alongside. Land rolling hills. Soil 2nd rate. No timber. Undergrowth and Mountainous on 80 chs.

West Boundary Tp. 29 S. R. 11 E.

Chains	
	S. bet. Secs. 25 & 30.
	Va. 15° 20' E.
13.50	Wash 20 ft. deep. drains N.W.
20.10	" in Hollow " S.W.
37.00	" 5 ft. deep. " N.E.
40.00	Set a granite 12 x 8 x 6 in. 8 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised a stone mound alongside.
49.10	Wash 10 ft. deep drains S.W.
56.50	" 20 " " " "
79.90	" in hollow " E.
80.00	Set a granite 22 x 12 x 8 in. 16 in. in the ground for Cor. to Secs. 25. 30. 31 & 36. marked 5 notches on N. & 1 notch on S. edges and raised a mound of stone alongside. Land gravel hills & clay flats. Soil 2nd rate. No timber. Undergrowth & Mountainous on 80 chs.

West Boundary Tp. 29 S. R. 11 E.

Chains	S. bet. Secs. 31 & 36. Va. 25° 20' E.
8.00	Wash 5 ft. deep drains E.
19.50	Top of clay ridge bears N.E. & S.W.
33.50	Wash in hollow drains E. Ascend.
35.50	Top of ridge bears N.E. & S.W.
40.00	Set granite 24×14×8 in. 18 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised a stone mound alongside.
41.00	Top of flat ridge bears N.E. & S.W.
45.00	Descend.
51.00	Level flat bears N.E. & S.W.
65.00	Ft. slope of clay ridge.
80.00	Set a granite 23×14×6 in. 18 in. in the ground for Cor. to Tp. 29 & 30 S. R 10 & 11 E. marked 6 notches on N. S. E & W. edges and raised a mound of stone alongside.

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E.

6.
0' E.
E.
E. & S.W.
Ascend
S.W.
8 in. in the
marked 2/4
a stone

N.E. & S.W.

& S.W.

6 in. 18 in.
to Tp.
marked
& W. edges
of stone

Land small flats and high ridges.
Soil 2nd rate.
No timber.
Undergrowth & Mountainous on 80 chs.
Dec. 27. 1882

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South Boundary Tp. 29 S. R. 11 E.

Chains. I commence at the Cor. to Tp. 29 & 30 S. R. 10 & 11 E. set by me and run E. on a random line between said Tps. Variation being 15° 20' E. I set temporary 1/2 mile & mile corners every 40 & 80 chains. I find the Tp. line to be five miles 79 chs. 40 lks. and the falling to be 1.50 chs. N. of corner to Tp. 29 & 30 S. R. 11 & 12 E. on the Henry Mountain Guide Meridian formerly set by me. The correction for the true line will therefore be 25 lks. South and 60 lks. West per mile and its course will be N. 89° 49' W.

From the Cor. to Tp. 29 & 30 S. R. 11 & 12 E. I run

South Boundary Tp. 29 S. R. 11 E.

Chains	
	N. 89° 49' W. on true line bet. Secs. 1 & 36.
	Va. 15° 20' E.
40.00	Set a granite 14x8x4 in. 9 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face. and raised a stone mound along side.
48.25	Wash 6 ft. deep drains N.
80.00	Set Granite 14x12x4 in. 9 in. in the ground for Cor. to Secs. 1. 2. 35 & 36. marked 1 notch on E. & 5 notches on W. edges. and raised a stone mound along side.
	Land, heavy rolling plateau. Soil 2nd rate.
	No timber.
	Artemesia Undergrowth on 80 chs.

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ine	Chains	N. 89° 49' W. on true line between Secs. 2 & 35. Va. 15° 20' E.
E.		
g in.		Ascend.
Cor.	10.00	Top of bluff - 200 ft. high bears N. E. & S.
nd		
long side,	40.00	Set a sandstone 16x8x6 in. 11 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face & raised a stone mound along side.
N.		
g in,		
Secs,		
notch	57.25	S.W. point of sandstone ledge 4 ft. high.
edges.		
und	65.75	Wash 4 ft. deep drains N.
	72.25	" 3 " " " N.
plateau,	80.00	Set granite 12x8x6 in. 8 in. in the ground for Cor. to Secs. 2, 3, 34. & 35. marked with 2 notches on E. and 4 notches on W. edges, and raised a stone mound alongside from
0 chs.		

South Boundary T. 29 S. R. 11 E.

Chains.	which.
	A spring bears S. 3 chs. dist.
	Land broken plateau.
	Soil 2nd class.
	No timber
	Undergrowth & Mountains on 80 chs.
	N. 89° 49' W. on true line
	bet. Secs. 3 & 34.
	Va. 15° 20' E.
19.75	Wash in hollow drains N.W.
39.50	Hollow drains N.E. Ascend.
40.00	Sandstone 16 x 10 x 4 in. 10 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and raised a stone mound alongside.
62.75	Ridge bears N.E. & S.W. descend
78.50	Wash 10 ft. deep drains N. enter rolling plateau.

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South Boundary Tp. 29 S. R. 11 E.

Chains	
80,00	Set a granite 18x12x4 in. 12 in in the ground for Cor. to Secs. 3. 4. 33 & 34 marked 3 notches on E. and 3 notches on W. edges and raised a stone mound alongside.
	Land rolling plateau.
	Soil 1st rate.
	No timber.
	Undergrowth & Mountainous on 80 chs.
	N. 89° 49' W. on true line bet. Secs. 4 & 33.
	Va. 15° 20' E.
40,75	Ledge of sandstone 10 ft. high bears N.E. & S.W.
2,50	Wash in hollow drains N. ascend.
6,50	Top of ledge of sandstone point 30 ft. high bears S.E.
40,00	Set a granite 16x8x5 in. 10 in. in

South Boundary Tp. 29 S. R. 11 E.

Chains	the ground for 1/4 Sec. Cor. marked 1/4 on N. face, and raised a stone mound alongside.
60.75	Hollow draws N.
80.00	Set a granite 14 x 10 x 4 in. 10 in. in the ground for Cor. to Secs. 4. 5. 32 & 33. marked 4 notches on E. & 2 notches on W. edges and raised a stone mound alongside, from which.
	A pile of rocks bears N. E. 6.50 chs. dist.
	Land rolling plateau.
	Soil 1st rate,
	No timber.
	Underbrush & Mountainous on So. chs.

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E.

marked
stone

10 in.
Secs.
notches
edges and
longside.

E. 6.50

on 80 chs.

South Boundary Tp. 29 S. R. 11 E.

Chains.	
	N. 89°49' W. on true line bet. Secs. 5 & 32. Va. 15° 20' E.
26.25	Wash 3 ft. deep drains N.E.
40.00	Set a granite 14×8×6 in. 8 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and raised a stone mound alongside.
56.00	Wash in hollow 5 ft. deep drains N.
80.00	Set a granite 12×10×4 in. 8 in in the ground for Cor. to Secs. 5. 6. 31 & 32. marked 5 notches on the E. & 1 notch on the W. edges and raised a stone mound alongside.
	Land broken plateau. Soil 2nd rate. No timber. Undergrowth & Mountainous on 80 chs.

South Boundary Tp. 29 S. R. 11 E.

Chains.	
	N. 89° 49' W. on true line bet. Secs. 6 & 31.
	Var. 15° 20' E.
9.90	Wash 10 ft. deep drains N.
31.90	Cottonwood wash 10 ft. deep drains N.W. Foot of clay ridge 20 ft. high bears N.W. & S.E.
35.50	Small Hollow drains N.E.
38.00	Gravel ridge bears N. & S.
40.00	Set a granite 24 x 15 x 10 in. 18 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face, and raised a stone mound alongside
45.90	Wash 15 ft. deep drains N.E. Enter flat.
54.80	Wash 15 ft. deep drains N.E.
74.00	Ascend.
79.40	The Cor. to Tps. 29 & 30 S. R. 10 & 11 E. Land, broken plateaue.

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Soil. 1st rate.

Timber a few Cottonwoods in wash.

Undergrowth & Mountainous on ~~80~~ 79.40 Chs.

Dec. 28. 1882.

Note: For General Description see subdivisions of this Township.

A. D. Ferron
U.S. Deputy Surveyor.

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, June 9th 1883.

The foregoing field notes of the survey of the West and South boundaries

Township No 29 S. *Range No* 11 East

of the Salt Lake Meridian, Utah Territory,

Executed by Augustus D. Ferron

Under his *contract No* 110

of the 29th *day of* August 1882,

in the month of December 1882;

having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.

Frd Salomon

U. S. Surveyor General for Utah.

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REPORT: 1883

Filed 188

Examined by John H. Campe.

Transcribed by Jno. A. Mitchell & E. Michaelis.

Compared by Jno. A Mitchell & Ernst Salomon.

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions

OF

Township No 29 South.

Range No 11 East.

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Augustus D. Ferron

U. S. Deputy Surveyor,

Under his Contract No. 110

Dated August 29 1882

Survey commenced Jany 15. 1883.

Survey completed " 23 1883.

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Township 29 S. R. 11 East

2	6	102	5	80	4	66	3	52	2	36	1
	100		99		78		65		50		35
4	7	98	8	77	9	64	10	48	11	33	12
	96		94		76		62		47		32
5	18	93	17	75	16	61	15	46	14	31	13
	92		90		74		60		45		29
6	19	89	20	73	21	59	22	43	23	28	24
	87		86		71		57		42		26
8	30	85	29	70	28	56	27	40	26	25	25
	84		82		69		54		39		23
9	31	81	32	68	33	53	34	37	35	22	36
	18		17		15		14		13		12

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Subdivisions Th. 29 S R. 11 E.

Survey commenced Jany 15. 1883.

From the Cor. to Secs. 1.2.35 & 36 on the S. boundary of the Th. set by me during this Survey. Town N. bet. Secs. 35 & 36.

Va. 15° 20' E.

6.20	Wash 2 ft. deep drains N.E. ascend
18.00	Top of bluff 60 ft. high bears N.E. & S.W.
20.40	Descend into the foot hills.
37.50	Wash 3 ft. deep drains N.E.
40.00	Set Sandstone 18x8x4 in. 12 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised a stone mound alongside
42.40	Small wash drains N.E.
44.50	" " " "
50.25	Top of E. point of bluff.
64.50	Wash 3 ft. deep drains N.E.
69.70	" " " " "

Subdivisions T. 29 S. R. 11 E.

Chains	
74.20.	Wash 4 ft. dist. drains N.E.
80.00	Set Gypsum 10x10x6 in. 6 in. in the ground for cor. to Secs. 25, 26, 35 & 36. marked 1 Notch on S. & E. edges and deg pits 18x18x12 in. in each Sec. 5½ ft. dist. and raised a mound of earth 2 ft. high and 4½ ft. base alongside. Land broken plateau ridges and Gypsum hills. Soil 2nd rate. No timber. Mountainous on 80 chs.
	Ex on random line. Bet. Secs. 25 & 36. Va. 15° 20' E.
40.00	Set temporary 1/4 Sec. Cor.

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Subdivisions Tp. 29 S. R. 11 E.

Chains	
42.50	Wash 3 ft. deep. drains S.E.
43.20	The same " N.W.
61.40	Wash 2 ft deep " N.W.
80.80	Intersect E. boundary of Tp. 86. lks. N. of Cor. to Secs. 25 & 36. formerly set by me from which Town. N. 89° 23' W. on true line. Set Secs. 25 & 36. with same Var.
40.40	Set Gypsum 18x16x14. 11 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face, and dug pits 18x18x12 in. E. & W. of stone 5 1/2 ft. dist. and raised a mound of Earth 1 1/2 ft high 3 1/2 ft base alongside.
80.80	The Cor. to Secs. 25. 26. 35 & 36. Land rolling plateau Soil. Pr rate Sandy. No timber.

Subdivisions Tp. 29 S. R. 11 E.

Chains	
	Artemesia Undergrowth on 80. ~~[illegible]~~ 80 Chs.
	N. bet Secs. 25 & 26.
	Va. 15°20' E.
4.90	Wash 2 ft. deep drains N.E.
14.70	" 4 " " " "
24.70	" 6 " " " "
35.40	" 7 " " " "
40.00	Set a Gypsum 14×10×2 in. 10 in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised a stone mound alongside.
49.30	Wash 4 ft. deep drains N.E.
68.25	Foot of bluff 75 ft high bears N.E. & S.W.
73.50	Top of the same bluff.
80.00	Set Gypsum 17×14×6 in. 12 in in the ground for Cor. to Secs.

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Subdivisions T. 29 S. R. 11 E.

Chains	23. 24. 25 & 26. marked 2 notches on S. & 1 notch on E. edges and raised a stone mound alongside. Land very broken. foothills. Soil 2nd rate. No timber Mountainous on 80 chs.
	E. on random line. bet. Secs. 24 & 25. Va. 15° 20' E.
2.60	Edge of bluff bears N.E. & S.W. 75 ft. high. Descend.
10.20	Enter large plateau bears N.E. & S.W.
37.40	Wash 3 ft. deep. drains N.W.
38.00	The same " S.W.
39.10	" " " N.W.
40.00	Set temporary 1/4 Sec. Cor.
41.50	Wash. 3 ft. deep. drains S.W.

Subdivisions Tp. 29. S. R. 11 E.

Chains.	
54.60	Wash in hollow drains N.W.
76.20	Wash 12 ft. deep drains N.W.
80.00	Intersect E. boundary of Tp. 74 lks. N. of Cor. to Secs. 24 & 25. formerly set by me from which I run. N. 89° 28' W. on true line bet. Secs. 24 & 25. with same ra.
40.00	Set sandstone 20 x 14 x 4 in. 15 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and raised a mound of stone alongside.
80.00	The Cor. to Secs. 23. 24. 25 & 26. Land rolling clay & sand hills. Soil 2nd rate. No timber Mountainous on 80 chs.

Subdivisions Th. 29 S. R. 11 E.

Chains	
	N. bet. Secs. 23 & 24.
	Va. 15° 20' E.
14.00	Descend.
22.00	Enter lower plateau, bears N.E. & S.W.
40.00	Set Gypsum 16 x 14 x 4 in. 12 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised a mound of stone alongside.
44.50	Flat Wash drains W.
48.00	Gulch drains N. heads S.E.
65.25	Wash in Gulch 2 ft. deep drains N.W.
78.50	Small Wash drains N.W.
80.00	Set a Gypsum 14 x 10 x 4 in. 10 in. in the ground for Cor. to Secs. 13. 14. 23 & 24. marked 3 Notches on S. & 1 on E. edges. and raised a mound of stone alongside. Land rolling some sandy some Gypsum.

Subdivisions Th. 29 S. R. 11 E.

Chains	
	Soil 2nd rate.
	No timber.
	Mountainous and Artemesia
	Underbrush on 80 chs.
	E. on random line
	bet. Secs. 13 & 24.
	Va. 15° 20' E.
15.40	Wash in hollow drains N.W.
28.00	Ascend to Gypsum bluff N.W.
	& S.E. 40 ft high.
34.51	Top of bluff.
37.00	Gulch 30 ft. deep drains N.W.
40.00	Set temporary 1/4 Sec. Cor.
42.00	Top of bluff perpendicular
	walls 30 ft high bears N.W
	& S.E. descend.
47.50	Enter rolling platean bears
	N.W. & S.E.

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Subdivisions Tp. 29. S. R. 11 E.

Chains	
65.20	Wash 3 ft. deep drains N
79.80	Intersect E. boundary of Tp. 70 lks. N. of Cor. to Secs. 13 & 24. formerly set by me from which. I run. N. 89° 30' W. on true line. Set Secs. 13 & 24. with same va.
39.90	Set Sandstone 18 x 10 x 4 in. 12 in in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and raised a mound of stones alongside.
79.80	The Cor. to Secs. 13. 14. 23 & 24. Land rolling and broken plateau. Soil 2nd rate. No timber. Mountainous and Artemesia Undergrowth on 79.80 chs.

Subdivisions Tp. 29 S. R. 11 E.

Chains	N. bet. Secs. 13 & 14 Va. 15° 20' E.
14.75	Head of Small Wash drains N.W.
36.00	E. side of bnd. in Same heads S.W. drains N.W.
39.60	Same wash 2 ft. deep drains N.E.
40.00	Set a Gypsum 10x8x5 in. 7 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face, and raised a stone mound alongside.
40.60	Small Wash drains E.
71.00	Wash 2 ft. deep drains N.W.
80.00	Set Gypsum 10x6x5 in. 8 in. in the ground for Cor. to Secs. 11, 12, 13, & 14. marked 4 notches on S. & 1 notch on E. edges and raised a stone mound alongside.
	Land rolling & Sandy.

Chains
5.30
13.5
22.4
40.0
42.5
52.0
58.6
80.0

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Subdivisions Tp. 29 S. R. 11 E.

Chains	
	Soil 2nd rate.
	No timber.
	Mountainous and Artemisia
	Undergrowth on 80 chs.
	E. on random line.
	Bet. Secs. 12 & 13.
	Va. 15° 20' E.
5.30	Small Wash drains N.W.
13.50	" " " "
22.40	" " " N.E.
40.00	Set temporary 1/4 Sec. Cor.
42.50	Wash in hollow drains N.E.
52.00	Small wash in hollow drains N.E.
58.60	" " " " " N.W.
80.00	Intersect E. boundary of Tp. at
	Cor. to Secs. 12 & 13. formerly set
	by me. from which I run
	N. on true line.

Subdivisions Tk. 29 S. R. 11 E.

Chains	
	bet. Secs. 12. & 13.
4,00	Set a granite 17 x 10 x 6 in. 12 in. with same Va. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and dug pits 18 x 18 x 12 in. E & W of stone 5 1/2 ft. dist. and raised a mound of earth 1 1/2 ft. high, 3 1/2 ft. at base alongside.
80,00	The cor. to Secs. 11. 12. 13. & 14. Land, very rolling. Sandy and Gypsum hills. Soil. 2nd rate. No timber. Mountainous & Artemisia Undergrowth on 80 chains. Jany 15. 1883.
	N. bet. Secs. 11 & 12. Va. 15° 20' E.
3,50	Wash 2 ft. deep drains N. E.

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Subdivisions T. 29 S. R. 14 W. E

Chains	
21.00	Wash 4 ft. deep drains N.E.
40.00	Set Sandstone 15x8x4 in. 10 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised a stone mound alongside.
45.50	Wash 3 ft. deep drains N.E.
49.80	E. point of sandy ridge 25 ft. high.
70.00	Sandy hill bears E. & W.
80.00	Set a Granite 18x14x4 in. 12 in. in the ground for Cor. to Secs. 1. 2. 11 & 12. marked 5 notches on S. & 1 notch on E. edges. and raised a stone mound alongside.

Land rolling clay hills.

Soil 2nd rate.

No timber

Mountainous & Artemisia

Undergrowth on 80 chs.

Subdivisions Th. 29. S. R. 11 E.

Chains	
	E. on random line bet. Secs. 1 & 12.
?	Va. 15° 20' E.
26.50	Leave flat ascend rocky bluff 50 ft. high, bears N.E. & S.W.
31.50	Top of same.
33.00	Descend
38.00	Enter plateau bears N.E. & S.W.
40.00	Set temporary 1/4 Sec. Cor.
71.40	Wash in hollow drains N.W.
79.40	" " " " "
80.30	Intersect E. boundary of Th. 50 lks. N. of Cor. to Secs. 1 & 12. formerly set by me. from which I run. N. 89° 39' W. on true line. bet. Secs. 1 & 12 with same var.
40.15	Set a granite 10 x 6 x 4 in. 7 in in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and

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Subdivisions Tp. 29 S. R. 11 E.

Chains	raised a stone mound alongside.
80.30	The Cor. to Secs. 12. 11 & 12.
	Land rolling plateau.
	Soil 1st rate.
	No timber.
	Mountainous and Artemisia
	Undergrowth on 80.30 chs.
	N. on a random line
	bet. Secs. 1 & 2.
	Va. 15° 20' E.
40.00	Set temporary ¼ Sec. Cor.
78.50	Top of Sandy ridge bears
	N.W. & S.E.
79.60	Intersect N. boundary of Tp.
	14 chs. E. of Cor. to Secs. 1 & 2.
	formerly set by me from
	which I run.

Subdivisions Tp. 29 S. R. 11 E.

Chains		Chains
	S. 0° 6' E. on true line	
	bet. Secs. 1 & 2.	20.75
39.60	Deposited a marked stone with same var.	23.50
	12 in. in the ground for 1/4 Sec.	40.00
	Cor. and dug pits 18 & 18 & 12 in.	
	N. & S. of stone. 5 1/2 ft. dist.	
	and raised a mound of earth	
	1 1/2 ft. high, 3 1/2 ft. base over it.	45.60
79.60	The Cor. to Secs. 1.2 11 & 12	51.60
	Land rolling plateau.	53.00
	Soil 1st rate.	76.30
	No timber.	80.00
	Mountainous & Artemisia	
	Undergrowth on 79.60 chs.	
	From the Cor. to Secs. 2.3. 34 & 35.	
	on the S. boundary set by me	
	during this Survey. I run.	
	N. bet. Secs. 34 & 35.	

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Subdivisions Th. 29 S. R. 11 E.

Chains	Va. 15° 20' E.
20.75	Wash 4 ft deep drains S.W.
23.50	S. point of Sandstone ledge 3 ft high
40.00	Set a sandstone 18x10x4 in. 12 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised a stone mound along side.
45.60	Wash 3 ft. deep, drains S.W.
51.60	S. point of sandstone ledge 3 ft high
53.00	Small Wash drains S.W.
76.30	Descend into hollow drains N.E.
80.00	Set a sandstone 18x6x4 in. 12 in in the ground for Cor. to Secs. 26, 27, 34 & 35, marked with 1 notch on S. and 2 notches on E. edges and raised a stone mound along side.
	Land rolling plateau.
	Soil 1st rate. No timber
	Artemisia Undergrowth on 80 chs.

Subdivisions Tp. 29 S. R. 11 E.

Chains.	
	E. on random line.
	bet. Secs. 26 & 35.
	Va. 15° 20' E.
14.75	Top of bluff bears N.W. & S.E.
	Enter plateau.
38.30	Descend into flat bears N.W. & S.E.
40.00	Set temporary 1/4 Sec. Cor.
46.25	Wash 3 ft. deep drains S.E.
56.30	" " " " "
57.50	The same " N.W.
61.40	" " " S.E.
62.00	" " " N.W.
65.90	" " " S.E.
67.20	" " " N.W.
80.00	Intersect N. & S. line at Cor. to
	Secs. 25. 26. 35 & 36 from which
	I run.
	W. on true line.
	bet. Secs. 26 & 35.
	with same var.

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Chains.
40.00
80.00
14.50
19.00
26.50
40.00

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Subdivisions T. 29 S. R. 11 E.

Chains.	
40.00	Set a Sandstone 24×12×3 in. 18 in. in the ground for 1/4 Sec. Cor, marked 1/4 on N. face and raised a stone mound alongside.
80.00	The Cor. to Secs. 26, 27, 34 & 35. Land rolling & broken, Sandy Plateau. Soil 2d rate. No timber. Mountainous & Artemisia undergrowth on 80. Chs.
	N. bet. Secs. 26 & 27. Va. 15°20' E.
14.50	Wash 3 ft. dep. drain S.W.
19.00	" 4 " " " S.W.
26.50	" 7 " " " N.W.
40.00	Set a Sandstone 14×6×4 in.

Subdivisions T. 29 S. R 11 E

Chains	
	10 in in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and dug pits 18x18x12 in. N. & S. of stone 5 1/2 ft. dist. and raised mound of Earth 1 1/2 ft. high 3 1/2 ft. base alongside.
54.70	Wash 3 ft. deep drains N.W.
80.00	Set a granite 14x8x4 in. 10 in. in the ground for Cor. to Secs. 22. 23. 26 & 27. marked with 2 notches on S. & 2 notches on E. edges and raised a stone mound alongside.
	Land first half mile very broken clay & sand hills.
	Second half mile gently rolling.
	Soil 2nd rate.
	No timber
	Artemisia Undergrowth on 80 chs.

Chains

10.00
17.80
18.00
32.50
36.40
40.00
41.50
56.70
68.50
72.50
79.80
80.10

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Subdivisions Tp. 29 S. R. 11 E.

Chains	East on random line bet. Secs. 23 & 26. Va. 15° 20' E.
10.00	Small Wash drains N.W.
17.80	" " " N.W.
18.00	" " " "
	Arch washes unite about 150 lks. N.W. of here & drain N.W.
32.50	Wash in hollow drains N.W.
36.40	" " " " N.W.
4.00	Set temporary 1/4 Sec. Cor.
4.50	Enter wide hollow drains N.E.
56.70	Small Wash drains N.W.
68.50	Wash 2 ft. deep drains N.W.
72.50	Leave hollow ascend to Gypsum bluff perpendicular walls 75 ft. high bear N.E. & S.W.
79.80	Top of the same.
80.10	Intersect N. & S. line at Cor. to Secs. 23, 24, 25 & 26. from which I run.

Subdivisions T. 29 S. R. 11 E.

Chains.	
	N. on true line
	bet. Secs. 23 & 26.
40.05	Set Gypsum 10 x 6 x 4 in. with same rock 4 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and raised a stone mound alongside.
80.10	The Cor. to Secs. 22. 23 26 & 27.
	Land rolling Sand hills.
	Soil 2nd rate.
	No timber.
	Artemusia Undergrowth on 80.10 chs.
	January 16. 1883.
	N. bet. Secs. 22 & 23.
	Va. 15° 20' E.
7.00	Wash 5 ft. deep, drains N.E.
19.20	Small sandy wash drains N.E.
32.00	" " " " "
40.00	Set a granite 20 x 16 x 6 in. 15 in. in the ground for 1/4 Sec. Cor.

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Subdivisions Th. 29 S. R. 11 E.

Chains	
	marked 1/4 on W. face, and raised a stone mound alongside.
75.20	Work 3 ft. dep. drains N.E.
80.00	Set Gypsum 18x14x4 in, 12 in. in the Ground, for Cor. to Secs. 14, 15, 22 & 23. marked 3 notches on S. & 2 notches on E. edges, & dug pits 18x18x12 in. in each Section, 5 1/2 ft. dist. and raised a mound of earth 2 ft. high. 4 1/2 ft. base alongside. Land rolling plateau. Clay and Sandy ridges. Soil 1st. rate. No timber. Mountainous and Artemisia Undergrowth on 80 chs.

Subdivisions T. 29. S. R. 11 E.

Chains	
	E. on a random line bet. Secs. 14 & 23. Va. 15° 20' E.
1.50	Wash 3 ft. deep. drains N.E.
10.00	Small Wash in hollow drains N.
24.50	Wash in hollow drains N.E.
40.00	Set temporary 1/4 Sec. Cor.
40.75	Small Wash in hollow drains N.E.
44.75	Wash 3 ft. deep drains N.W.
46.50	Wash 2 ft. deep drains N.W.
70.00	Wash 4 ft. deep drains N.W.
80.20	Intersect N. & S. line. at Cor. to Secs. 13. 14. 23 & 24. from which I run W. on true line bet. Secs. 14 & 23.
40.10	Set a granite with same dar. 36 x 14 x 4 in. 26 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and raised a stone mound

Subdivisions Th. 29 S. R 11 E.

Chains	
	alongside
80.20	The Cor. to Secs. 14. 15. 22 & 23.
	Land rolling plateau. clay and
	Sand hills.
	Soil 2nd rate.
	No timber.
	Mountainous and Artemesia
	Undergrowth on 80.20 Ch.
	N. bet. Secs. 14 & 15.
	Va. 15° 20' E
20.00	Small Gulch drains N.W.
40.00	Set a gray sandstone 12×12×4 in.
	8 in. in the ground for 1/4 Sec. Cor.
	marked 1/4 on N. face and
	raised a stone mound alongside.
44.00	Sandy Wash 3 ft. deep drains N.W.
80.00	Set a granite 14×8×4 in. 10 in. in
	the ground for Cor. to Secs. 10. 11.

Subdivisions T. 29 S. R. 11 E.

Chains	14 x 15 marked 4 notches on S. x 2 notches on E. edges and raised a stone mound alongside
	Land rolling and sandy.
	Soil 2nd rate.
	No timber
	Artemesia Undergrowth on 80 chs.
	E on random line.
	Set Secs. 11 & 14.
	Va. 15° 20' E.
11.75	Wash in hollow drains N.W.
30.50	Enter hollow heads S. drains N.E.
35.50	Wash in hollow drains N.E.
39.25	Leave hollow.
40.00	Set temporary 1/4 Sec. Cor.
63.30	Wash 3 ft. dep. drains N.E.

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Subdivisions Tp. 29. S. R. 11 E.

Chains.	
71.50	Small Wash drains N.E.
80.18	Intersect N. & S. line 20 lks. N. of Cor. to Secs. 11. 12. 13. & 14. from which I run.
	N. 89° 51' W. on true line
	bet. Secs. 11 & 14. with same var.
40.09	Set a granite 12 & 10 & 6 in. 8 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and raised a stone mound alongside.
80.18	The cor. to Secs. 10. 11. 14. & 15.
	Land, rolling Gypsum hills.
	Soil. 1st rate.
	No timber.
	Artemisia Undergrowth on 80. 18. chs.
	N. bet. Secs. 10 & 11.
	Va. 15° 20' E.
20.00	Small Wash drains N.E.

Subdivisions T. 29 S. R. 11 E.

Chains.	
25.25	Small Wash drains E.
32.50	" Gulch " E.
40.00	Set a granite 12 x 10 x 4. 8 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised a stone mound alongside.
42.00	Small Wash drains N.E.
43.80	The same " N.W.
58.00	" 2ft deep. " N.E.
72.50	Enter broad. flat hollow. drains N.E.
76.00	Small Wash drains N.E.
80.00	Set a granite 14 x 10 x 6 in. 10 in. in the ground for Cor. to Secs. 2. 3. 10 & 11. marked 5 notches on S. and 2 notches on E. Edges. and raised stone mound alongside.
	Land rolling & broken.
	Soil 1st rate.

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Subdivisions T. 29 S. R. 11 E.

Chains.	
	No timber.
	Mountainous and Artemisia
	Undergrowth on 80. chains.
	E. on random line.
	bet. Secs. 2 & 11.
	Va. 15° 20' E.
00.75	Wash 3 ft. deep drains N. W.
7.50	Leave hollow drains N. E.
14.20	Wash in hollow drains N. E.
20.00	Enter hollow. drains N. E.
20.40	Wash 2 ft. deep. N. E.
28.50	Leave hollow. ascend gravel hills
	bearing S. W. & N. E.
31.40	Rocky Gulch 20 ft. deep. drains N. W.
36.50	Hollow drains N. W.
40.00	Set temporary 1/4 Sec. Cor.
44.50	Descend from gravel hills bearing
	S. E. & N. W. into hollow draining N. W.

Subdivisions Tp. 29. S. R. 11 E.

Chains.	
70.50	Leave hollow ascend gravel bench bears. N.W. & S.E.
75.00	Descend from gravel bench.
80.10	Intersect N. & S. line 22 lks. S. of Cor. to Secs. 1. 2. 11. & 12. from which I run.
	S. 89° 51' W. on true line bet. Secs. 2 & 11. with same var.
40.05	Set a granite 14 x 12 x 10 in. 10 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and raised a stone mound alongside.
80.10	The cor. to Secs. 2. 3. 10 & 11. Land, rolling gravel hills. Soil, 1st rate in hollow. No timber.
	Mountainous and Artemesia Undergrowth on 80.10 chs.

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Chains.
1.50
9.00
18.00
22.00
34.00
40.00
80.28.
40.28

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Subdivisions Tp. 29 S. R. 11 E.

Chains.	
	N. on random line.
	bet Secs. 2 & 3.
	Va. 15°20' E.
1.50	Trail bears N.E. & S.W.
9.00	Wash 2 ft. deep, drains N.E.
18.00	Across hollow and ascend low
	bluff bearing N.E. & S.W.
22.00	Enter another flat hollow, heads
	S.W. drains E.
34.00	Leave same - drains N.E.
40.00	Set a temporary 1/4 Sec. Cor.
80.28	Intersect N. boundary of Tp.
	at Cor. to Secs. 2 & 3. formerly set
	by me from which I run.
	S. on true line.
	bet. Secs. 2 & 3 with same var.
40.28	Set gray sandstone 22 x 12 x 3 in.
	16 in. in the ground for 1/4 Sec. Cor.
	marked 1/4 on W. face and dug
	pits 18 x 18 x 12 in. N. & S. of stone

Subdivisions Tp. 29 S. R. 11 E.

Chains	
	5½ ft. diet. and raised a mound of earth. 1½ ft. high. 3½ ft. base. alongside.
80.28	The Cor. to Secs. 2. 3. 10 & 11. Land rolling and Sandy. Soil. 2nd rate. No timber Mountainous and Artemesia Undergrowth on 80.28 Chs. Jany. 17. 1883.
	From the Cor. to Secs. 3. 4. 33 & 34. on the S. boundary set by me during this survey. Down. N. bet. Secs. 33 & 34. Va. 15° 20' E.
3.00	Rocky wash 6 ft. deep in Gulch drains N.W.
21.00	Dame Wash 2 ft. deep drains N.E.
40.00	Set a granite 14 x 7 x 4 in. 10 in.

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Subdivisions Tp. 29 S. R. 11 E.

Chains	in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised a stone mound alongside.
80.00	Set a gray sandstone 30 x 10 x 3 in. 20 in. in the ground for Cor. to Secs. 27, 28, 33 & 34 marked 1 notch on S. and 3 notches on E. edges and raised a stone mound alongside. Land rolling & broken. Sandy & rocky.
	Soil 2nd rate.
	No timber.
	Mountainous and Artemisia Undergrowth on 80 chs.
	E. on a random line.
	bet. Secs. 27 & 34.
	Va. 15° 20' E.
5.00	N.E. point of Sandstone ledge 6 ft. high.

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Subdivisions T. 29 S. R. 11 E.

Chains	
5.75	Enter hollow. drains N.W.
29.40	Wash 3 ft. deep. drains N.E.
39.20	" 2 ft. " " N.W.
	About 4 chs. N.W. of line
	both washes unite and drain N.E.
40.00	Set temporary 1/4 Sec. Cor.
45.80	Leave hollow.
79.50	Enter hollow. widening toward N.W.
79.80	Intersect N. & S. line 34 chs. N.
	of Cor. to Secs. 26. 27. 34 & 35.
	from which Noun
	N. 89° 45' W. on true line.
	bet Secs. 27 & 34. with same var.
39.90	Set a sandstone 20 x 8 x 6 in. 15 in.
	in the ground for 1/4 Sec. Cor.
	marked 1/4 on N. face and
	raised a stone mound alongside.
79.80	The Cor. to Secs. 27. 28. 33 & 34.
	Land rolling plateau. Sandy.
	Soil. 1st rate.

Chains	
40.00	
57.80	
62.00	
64.75	
80.00	

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Subdivisions Tp. 29 S. R. 11 E

Chains	
	Artemesia Undergrowth on 79.80 chs.
	N. bet. Secs. 27 & 28.
	Va. 15° 20' E.
40.00	Set a sandstone 20x8x4 in. 15 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised a stone mound alongside.
59.80	Wash in hollow heads S.W.
62.00	Sandstone ledge 20 ft. high bears S.W. & N.E.
64.75	Sandstone ledge 5 ft. high bears E. & W.
80.00	Set a sandstone 28x14x10 in. 22 in. in the ground for Cor. to Secs. 21. 22. 27 & 28. marked 2 Notches on S. and 3 notches on E. edges. and raised a stone mound alongside. Land rolling plateau.

Subdivisions Tp. 29. S. R. 11 E.

Chains	
	Soil 1st rate.
	No timber.
	Artemesia undergrowth on 80 chs.
	E. on random line.
	Set. Secs. 22. & 27.
	Va. 15° 20' E.
00.15	Sandstone ledge 15 ft. high bears S.E. & N.W.
9.50	Wash 4 ft. deep drains N.W.
10.90	" 7 " " " N.W.
12.00	Ascend rocky hill & leave hollow.
15.60.	Ledge of Sandstone 4 ft high bears S.E. & N.W.
40.00	Set temporary 1/4 Sec. Cor.
41.50	Descent of bluff 70 ft. high bears N.W. & S.E. into rolling flat.
55.00	Sandstone ledge 5 ft. high bears N.W. & S.E.
58.40	" " 10 " " " "

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Chains.	
61.75	
62.00	
76.50	
80.00	
40.00	
80.00	

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Subdivisions Th. 29. S. R. 11 E.

Chains.	
61.75	Sandstone ledge 40 ft high bears N.W. & S.E. Enter Gulch drains N.E.
62.00	Wash in bottom of Gulch drains N.W. ascend.
76.50	Wash in hollow. 4 ft. deep. drains N.W.
80.00	Intersect N. & S. line at Cor. to Secs. 22. 23. 26. & 27. from which. I run. W. on true line.
	bet. Secs. 22 & 27. with same var.
40.00	Set a Sandstone 30 x 10 x 5 in. 24 in. in the ground. for 1/4 Sec. Cor. marked 1/4 on N. face. and raised stone mound alongside.
80.00	The cor. to Secs. 21. 22. 27. & 28.

Land rolling & very broken.

Soil 2nd rate.

No timber

Mountainous and Artemisia

Undergrowth on 80 chs.

Subdivisions Tp. 29 S. R 11 E.

Chains.	N. bet. Secs. 21 & 22. Va. 15° 20' E.
3.00	Ledge bears N. W.
5.00	Wash 2 ft. deep. drains N. W.
33.00	" " " " S. W.
40.00	Set a granite 16×10×4 in. 12 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised a stone mound alongside.
41.00	N. E. point of clay ridge
44.60	" " " gravel "
69.50	Sandy wash 3 ft. deep. drains S. W. Ascend. leave rolling plateau.
79.25	Top of bluff bears N. E. & S. W.
80.00	Set a Sandstone 18×8×4 in. 12 in. in the ground. for Cor. to Secs. 15, 16, 21 & 22. marked 3 notches on S. and 3 notches on E. edges. and raised a stone mound alongside. Land rolling plateau and

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Chains.
3.50.
13.50
20.50
40.00
41.20
43.00
80.00
40.00

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60

Subdivisions Tp. 29 S. R. 11 E.

Chains.	
	broken bluffs.
	Soil 2nd rate.
	No timber
	Mountainous and Artemisia
	Undergrowth on 80 chs.
	East on random line.
	bet. Secs. 15 & 22.
	Va. 15° 20' E.
3.50.	Descent of bluffs. 20 ft. high bear. N.E. & S.W.
13.50	Enter broken foot hills.
20.50	Wash 3 ft. deep drains S.W.
40.00	Set temporary 1/4 Sec. Cor.
41.20	Wash 2 ft. deep drains N.W.
43.00	Enter rolling plateau.
80.00	Intersect N. & S. line at Cor. to Secs.
	14. 15. 22. & 23. from which I run.
	W. on true line.
	bet. Secs. 15 & 22.
	with same var.
40.00	Set a granite 14x8x4 in. 10 in in the
	Ground for 1/4 Sec. Cor. marked

Subdivisions Th. 29. S. R. 11 E.

Chains.		Chains
	1/4 on N. face, dug pits 18 x 18 x 12 in. E. & W.	46.00
	of stone, 5 1/2 ft. dist. and raised a	51.50
	mound of Earth 1 1/2 ft. high 3 1/2 ft.	58.90
	base alongside.	60.00
80.00	The Cor. to Secs. 15. 16. 21 & 22.	60.50
	Land broken clay and Sand hills.	68.00
	Soil 2nd rate.	80.00
	No timber.	
	Mountainous and Artemesia	
	Undergrowth on 80. chs.	
	Jany 18. 1883.	
	N. bet. Secs. 15 & 16.	
	Va. 15° 20' E.	
39.40.	Small Wash in bottom drains S. W.	
40.00	Set a quartzite 25 x 14 x 8 in. 20 in. in the	
	ground for 1/4 Sec. Cor. marked 1/4	
	on W. face, and raised a stone mound	
	alongside.	
44.00	Ascend.	

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Subdivisions Tp. 29. S. R. 11 E.

Chains	
46.00	Top of bluff 60 ft. high bears S.E. & N.W.
51.50	Sandstone ledge 20 ft. high. bears N.W. & N.E.
58.90	Descend.
60.00	Foot of bluff.
60.50	Gulch 40 ft. deep drains N. W.
68.00	Clay ridge 50 ft. high bears S.E. & N.W.
80.00	Set a gypsum 16 x 10 x 8 in. 10 in. in the ground for Cor. to Secs. 9. 10. 15 & 16. marked 4 notches on S. & 3 notches on E. edges. and raised a stone mound alongside.

Land rolling plateau & clay ridges.

Soil 2nd rate.

No timber.

Mountainous and Artemesia

Undergrowth on 80. chs.

E. on a random line

bet Secs. 10 & 15.

Va. 15° 20' E.

Subdivisions Tp. 29 S. R. 11 E.

Chains	
31.80	Wash 3 ft. deep drains N.
40.00	Set a temporary 1/4 Sec. Cor.
74.50	Wash 3 ft. deep. drains N.E.
79.80	Intersect N. & S. line 33 lks. S. of Cor. to Secs. 10. 11. 14. & 15. from which Sun.
	S. 89° 46' W. on true line bet. Secs. 10 & 15. with same var.
39.90	Deposited one pint of pebbles 12 in. in the ground for 1/4 Sec. Cor. dug pits 18 x 18 x 12 in. E. & W. of deposit.
	5 1/2 ft. dist. and raised a mound of earth. 1 1/2 ft. high. 3 1/2 ft. base over it.
79.80	The Cor. to Secs. 9. 10. 15. & 16.
	Land rolling and Sandy.
	Soil 1st rate.
	No timber.
	Artemisia Undergrowth on 79.80 chs.

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Chains.	
9.75	U
29.00	S
40.00	C
	gr
	U
43.50	S
	of
50.00	S.
	50
53.00	D.
54.00	C
	b
70.00	De
78.00	S
80.00	Se
	fo
	no
	a

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Subdivisions Tp. 29 S. R. 11 E.

Chains.	N. bet. Secs. 9 & 10. Va. 15° 20' E.
9.75	Wash 2 ft. deep drains N.E.
29.00	Flat wash drains S.E.
40.00	Set a gypsum 16 x 14 x 5 in. 12 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised stone mound alongside.
43.50	Wash 2 ft. deep. drains S.E. foot of spur of gypsum bluff. ascend.
50.00	S. W. end of spur of gypsum bluff 50 ft high. Extends N.E.
53.00	Deep gulch drains S.W.
54.00	Top of the same bluff 50 ft. high bears E. & W.
70.00	Descend.
78.00	Foot of same.
80.00	Set a gypsum 16 x 10 x 4 in. 12 in. in the ground for Cor. to Secs. 3. 4. 9 & 10. marked with 5 notches on S. & 3 notches on E. edges. & raised a stone mound alongside.

Subdivisions Tp. 29 S. R. 11 E.

Chains.	
	Land N. half very broken & Gypsum.
	S. half some gypsum & rolling.
	Soil. 2nd rate.
	No timber.
	Mountainous and Artemesia Undergrowth on 80 chs.
	E. on a random line bet. Secs. 3 & 10.
	Va. 15° 20' E.
00.20	Wash 3 ft. deep drains S.E.
8.10	The same " N.E.
10.50	The same " S.E.
38.00	Wash 2 ft. deep " S.E.
39.70	Small Wash " S.
40.00	Set temporary 1/4 Sec. Cor.
68.25	Enter hollow drains N.E.
73.75	Small Wash drains N.E.
79.80	Wash 2 ft. deep drains N.E.

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Subdivisions Th. 29 S. R. 11 E.

Chains.	
80.16	Intersect N. & S. line 19. lks S. of cor. to Secs. 2.3.10 & 11. from which I run. S. 89° 52' W. on true line. bet. Secs. 3 & 10 with same var.
40.08	Set a gypsum 14x8x6 in. 18 in. in the ground. for 1/4 Sec. Cor. marked 1/4 on N. face. and dug pits 18x18x12 in. E & W. of stone. 5 1/2 ft. dist. and raised a mound of Earth 1 1/2 ft. high. 3 1/2 ft. base along side.
80.16	The Cor. to Secs. 3.4.9 & 10. Land very rolling. Sandy & Gypsum hills. Soil 2nd rate. No timber. Artemesia Undergrowth on 80.16 chs.
	Non random line. bet Secs. 3 & 4. Va. 15° 20' E.
0.50	Wash drains S.E.
10.00	Trail bears N.E. & S.W.

Subdivisions Tp. 29 S. R. 11 E.

Chains	
11.50	Wash in Gulch drains N.E.
19.50	" " " " N.E.
24.50	" " " " N.E.
29.75	" " " " N.E.
39.25	Gulch drains N.E.
40.00	Set temporary 1/4 Sec. Cor.
50.00	Foot of perpendicular Gypsum bluff 50 ft. high. bears N.E. & S.W.
54.00	Top of the same bluff.
80.00	Intersect N. boundary of Tp. at Cor. to Secs. 3 & 4 formerly set by me from which I run. S. on true line. Set Secs. 3 & 4. with same var.
40.00	Set a gray sandstone 24x16x4 in. 18 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised a stone mound alongside.
80.00	The cor. to Secs. 3. 4. 9 & 10. Land rolling & broken- Gypsum.

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Subdivisions Tp. 29. S. R. 11 E

Chains.	Soil. 2nd rate.
	No timber
	Mountainous and Artemesia
	Undergrowth on 80 chs.
	From the cor. to Secs. 4. 5. 32 & 33. on the South Boundary set by me during this Survey. I run.
	N. bet. Secs. 32 & 33.
	Va. 15° 20' E.
40.00	Set a granite 18×12×4 in. 12 in. in the ground. for 1/4 Sec. Cor. marked 1/4 on W. face and raised a stone mound alongside.
48.25	Wash in gulch drains N.E.
73.00	Small wash drains N.E.
80.00	Set a gray sandstone 14×10×5 in. 11 in. in the ground. for cor. to secs. 28. 29. 32 & 33. marked with 1 notch

Subdivisions Tp. 24 S. R. 11 E.

Chains		
	on S. & 4 notches on E. edges. and raised a stone mound alongside. Land gently rolling.	
	Soil 1st rate.	40.11
	No timber.	
	Artemesia Undergrowth on 80. chs.	
		80.22
	E. on a random line.	
	Bet. Secs. 28 & 33.	
	Va. 15° 20' E.	
23.00	Spring gulch 25 ft. deep, 150 chs. wide drains N.E.	
26.00	Trail bears N.W. & S.E.	
40.00	In Gulch on E. side of same. Set temporary 1/4 Sec. Cor. Gulch drains N.E. forks 1 chn. S. of line. One gulch heading S.W. the other S.	40.00
80.22	Intersect N. & S. line at Cor. to Secs.	

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Subdivisions T. 29 S. R. 11 E.

27. 28. 33 & 34. from which Trees.
Ok. on true line.
bet. Secs. 28 & 33.
with same var.

40.11 Set gray Sandstone 40x16x6 in. 30 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and raised a stone mound alongside.

80.22 The Cor. to Secs. 28. 29. 32. & 33.
Land rolling. broken. rocky & Sandy.
Soil 2nd rate.
No timber.
Mountainous and Artemesia
Undergrowth on 80.22 chs.

N. bet Secs. 28 & 29.
Va. 15° 20' E.

40.00 Set a gray sandstone 14x14x4 in. 10 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised

Subdivisions Sec. 29 S. R. 11 E.

Chains.		Chains.
	a stone mound alongside.	60.00
80.00	Set a gray sand stone 24×10×4	64.50
	in. 20 in. in the ground for Cor.	66.50
	to Secs. 20. 21. 28. & 29. marked	76.40
	with 2 notches on S. and 4 notches	79.50
	on E. edges. and buried a stone	80.18
	mound alongside.	
	Land, rolling, sandy and rocky.	
	Soil 2nd rate.	
	No timber.	
	Artemisia Undergrowth on 80. chs.	40.09
	E. on a random line.	
	bet. Secs. 21 & 28.	80.18
	Va. 15° 20' E.	
20.00	Enter large hollow N.E.	
38.50	S. point of Sandstone ledge.	
40.00	Set temporary 1/4 Sec. Cor.	
49.50	Small wash drains N.E.	

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Subdivisions Tp. 29 S. R. 11 E.

Chains.	
60.00	Wash in hollow 4 ft. deep drains N.W.
64.50	" " " 2 ft. " " N.W.
66.50	W. point of Sandstone ledge.
76.40	Wash 2 ft. deep. drains N.E.
79.50	" " ft. " " N.W.
80.18	Intersect N. & S. line 30 lks. N. of Cor. to Secs. 21. 22. 27. & 28. from which I run
	N. 89° 47' W on true line.
	Set Secs. 21 & 28 with same var.
40.09	Set Sandstone 20 x 6. x 4 in. 15 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face, and raised a stone mound alongside.
80.18.	The Cor. to Secs. 20. 21. 28. & 29.
	Land rolling and broken.
	Soil 2nd rate.
	No timber.
	Artemesia Undergrowth on 80.18 chs.
	Jany 19. 1883.

Subdivisions of 29 S. R. 11 E.

Chains.		
	N. bet. Secs. 20 & 21.	
	Va. 15°20' E.	
15.50	Sandy Wash 4 ft. deep drains W.	
31.50	" " 6 " " " N.W.	11.00
35.00	Wash 7 " " " N.E.	31.00
40.00	Set a gray sandstone 12x10x4 in.	40.00
	8 in. in the ground for 1/4 Sec. Cor.	79.95
	marked 1/4 on W. face and raised	
	a stone mound alongside.	
58.50	Wash 2 ft. deep drains N.E.	
65.00	Trail bears N.E. & S.W.	
80.00	Set a gray sandstone 16x12x12 in.	39.97
	12 in. in the ground for Cor. to Secs.	
	16, 17, 20 & 21, marked 3 notches	
	on S. & 4 notches on E. edges, and	79.95
	raised a stone mound alongside.	
	Land N. half level & Sandy.	
	S. " rolling & "	
	Soil 2nd rate. No timber.	
	Artemisia Undergrowth on 80 chs.	

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Subdivisions Tp. 29 S. R. 11 E.

E. on random line.

Set Secs. 16 & 21.

Va 15° 20' E.

1.00 Wash 3 ft. deep drains N.E.

31.00 " 4 ft. " " N.W.

40.00 Set temporary 1/4 Sec. Cor.

79.95 Intersect N. & S. line 94 lks. S. of Cor. to Secs. 15, 16, 21 & 22 from which Drum.

S 89° 20' W. on true line

Set Secs. 16 & 21.

39.97 Set a Sandstone 14x10x4 in. 10 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and raised a stone mound alongside. with same vary

79.95 The cor. to Secs. 16, 17, 20 & 21.

Land, rolling.

Soil, 1st rate.

Timber, a few cottonwoods.

Artemesia Undergrowth on 79.95 chs.

Subdivisions Tp. 29. S. R. 11 E.

Chains	N. bet Secs. 16 & 17. Va. 15° 20' E.	Chains.
17.50	Trail bears N.E. & S.W.	
26.50	E. end of low, flat rocky spur of ridge, descends W.	18.80
		32.50
40.00	Set a gray sandstone 14×14×5 in. 10 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised a stone mound alongside.	38.75
		40.00
		42.50
		48.00
56.00	Lone red & white peak 125 ft high.	55.40
80.00	Set a granite 16×8×4 in. 12 in. in the ground for Cor. to Secs. 8.9 16 & 17 marked 4 notches on S. & 4 notches E. edges, and dug pits 18×18×12 in. in each sec. 5½ ft. dist. and raised a mound of earth 2 ft. heigh & 4½ ft. base alongside.	64.30
		74.50
		79.96
		39.98
	Land gently rolling & Sandy. Soil 2nd rate. No timber. Artemesia Undergrowth on 80 chs.	

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Subdivisions Tp. 29 S. R 14 E.

Chains.	
	E. on a random line.
	bet. Secs. 9 & 16.
	Va. 15° 26' E.
18.80	Wash 4 ft. deep drains S.E.
32.50	" 3 ft. " " S.W.
38.75	Descend from bluff 40 ft. high bears. N.E. & S.W.
40.00	Set temporary 1/4 Sec. Cor.
42.50	Sandstone ledge 15 ft. high bears. N.E. & S.W.
48.00	Gulch 25 ft. deep drains S.W.
55.40	Foot of precipitous bluff.
64.30	Wash 2 ft. deep drains N.E.
74.50	" 5 ft. " " N.
79.96	Intersect N. & S. line 70 lks. N. of Cor. to Secs. 9. 10. 15 & 16. from which I run
	N. 89° 30' W. on a true line with same Va.
	bet Secs. 9 & 16.
39.98	Set a sandstone 16 x 10 x 4 in. 12 in in the ground for 1/4 Sec. Cor. marked 1/4 on N. face, and raised stone mound alongside.

Subdivisions Tp. 29 S. R. 11 E.

Chains	
79.96	The cor. to Secs. 8. 9. 16. & 17.
	Land, rolling & broken.
	Soil. 1st rate.
	No timber
	Mountainous on 79.96 chs.
	N. bet. Secs. 8 & 9.
	Va. 15° 20' E.
40.00	Set a gray sandstone 12 x 10 x 5 in.
	8 in. in the ground for 1/4 Sec. Cor.
	marked 1/4 on W. face, and raised
	a stone mound alongside.
50.50	Descend rocky bluff 20 ft high
	bears N.E. & S.W.
58.50	Head of small rocky Gulch drains W.
67.00	Small rocky gulch drains S.W.
72.50	Rocky Wash 3 ft. deep drains W.
80.00	Set a sandstone 18 x 9 x 2 in. 14 in. in
	the ground for Cor to Secs. 4. 5.

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Subdi

Chains	
	8 & 9.
	E.
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18.75	Top
20.00	E
31.75	W
38.25	L
39.00	To
40.00	Se
44.80	D

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Subdivision T. 29 S. R. 11 E.

Claims	S. & q. marked 5 notches on S. & 4 on E. edges. and raised a stone mound alongside.
	Land, rocky broken & sandy
	Soil, 2nd rate.
	No timber.
	Mountainous and Artemisia
	Undergrowth on 80 chs.
	E. on random line
	bet. Secs. 4 & 9.
	Va. 16° 20' E.
18.75	Top of rocky ridge 10 ft. high. bears N. & S.
20.00	Enter hollow. drains S.W.
31.75	Wash 2 ft. deep drains S.W.
38.25	Leave hollow. Ascend.
39.00	Top of N.W. point of plateau.
40.00	Set. temporary 1/4 Sec. Cor.
44.80	Descend.

Subdivisions Tp. 29 S. R. 11 E.

Chains-		Chains.
46.50	Enter lower plateau.	
69.75	Wash 2 ft. deep. drains N. E.	
75.25	" 3 ft. " " N. E.	
76.00	The same " S. E.	5.50
76.80	" " " N. E.	40.00
80.12	Intersect N. & S. line 22 lks. N. of	49.00
	Cor. to Secs. 3. 4. 9 & 10. from	58.50
	which I run.	63.50
	N. 89° 51' W. on true line.	68.50
	bet. Secs. 4 & 9	80.00
40.06	Set a sandstone 15 x 12 x 4 in. 10	
	in. in the ground for 1/4 Sec. Cor.	
	marked 1/4 on N. face and	
	raised a stone mound alongside.	
80.12	The Cor. to Secs. 4. 5. 8 & 9.	40.00
	Land rolling plateau. Clay	
	and sandy hills.	
	Soil. 2nd rate. No timber.	
	Mountainous and Artemisia	80.00
	Undergrowth on 80.12 lks.	

Subdivisions Tp. 29. S. R. 11 E.

Chains	
	N. on random line bet. Secs. 4 & 5. Va. 15° 20' E.
5.50	Sandy Wash 2 ft. deep. drains S. W.
40.00	Set a temporary 1/4 Sec. Cor.
49.00	Wash in deep Gulch drains N. W.
58.50	" " " " " S. W.
63.50	Head of Gulch drains W.
68.50	Deep Gulch " W.
80.00	Intersect N. boundary of Tp. 40 lks. E. of Cor. to Secs. 4 & 5 from which. Trees.
	S. 0° 17' E. on true line. bet. Secs. 4 & 5.
40.00	Set a gray sandstone 24 x 14 x 4 in. 18 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face, and raised a stone mound alongside.
80.00	The Cor. to Secs. 4. 5. 8. & 9. Land, N. half very broken & Gypsum.

Subdivisions Tp. 29. S. R. 11 E.

Chains		Chains.
	S. half. rolling and Sandy	
	Soil. 2nd rate.	50.00
	No timber.	80.00
	Mountainous & Artemesia	
	Undergrowth on So chs.	
	Jany 20. 1883.	
	From the Cor. to Secs. 5. 6. 31 & 32	
	on the S. boundary set by me	
	during this Survey. I run.	
	N. bet. Secs. 31 & 32.	
	Va. 15° 20' E.	
15.00	Wash 2ft. deep drains N.E.	
19.50	The same " N.W.	
21.00	" " " N.E.	
28.00	Low hill with rocky ledges	
	25ft. high bears N.W. and S.E.	
40.00	Set a sandstone 12 x 8 x 6. in. 18.	17.50
	in. in the ground for 1/4 Sec. Cor.	
	marked 1/4 on W. face and	40.00

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Subdivisions Tp. 29 S. R. 11 E.

Chains.	
50.40	raised a stone mound along side. Sandy wash 2ft. deep. drains N.W.
80.00	Set a granite. 16x4x4in. 12in. in the ground for Cor. to Secs. 29.30.31 & 32. marked with 1 Notch on S. & 5 notches on E. edges. and raised a stone mound along side.
	Land rolling and broken
	Soil. 2nd rate.
	No timber.
	Mountainous and Artemisia
	Undergrowth on 80 chs.
	E. on a random line.
	bet. Secs. 29 & 32.
	Va. 15°20' E.
17.50	Wash in Spring Gulch - dry - drains N.E. Cottonwoods on banks.
40.00	On top of low rocky ridge. bears

Chains.		Chains.
	N. E. & S. E. 30 ft high. Set temporary 1/4 Sec. Cor.	
47.50	Wash in Gulch drains N. E.	
80.12	Intersect N. & S. line at Cor. to Secs. 28. 29. 32. & 33. from which Strum.	2.50
		24.50
	W. on true line.	34.80
	Set Sec. 29 & 32 with Corns No.	40.00
40.06	Set a Sandstone 16 x 12 x 4 in. 12 in. in the ground. for 1/4 Sec. Cor. marked 1/4 on W. face. and raised a stone mound alongside.	48.00
		80.00
80.12	The Cor. to Secs. 29. 30. 31 & 32. Land. rolling and broken. Soil. 2nd rate.	40.00
	Timber. Cottonwoods. Mountainous and Artemesia Undergrowth on 80.12 chs.	
		80.00

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Subdivisions Th. 29. S. R. 11 E.

Chains.	
	W. on random line. bet. Secs. 30 & 31 Va. 15°20' E.
2.50	Wash 5 ft. deep, drains N. E.
24.50	Big Spring Gulch drains N. E. Cottonwoods on banks.
34.80	Top of low rocky ridge bears N.E. & S.W.
40.00	Set temporary 1/4 Sec. Cor.
48.00	Low rocky bluff bears N. & S.
80.00	Intersect West Boundary 30 chs. S. of Cor. to Secs. 30 & 31 formerly set by me from which I run S 89° 47' E. on true line bet. Secs. 30 & 31. with same Va.
40.00	Set a sandstone 16 x 16 x 4 in. 12 in. in the ground, marked 1/4 on N. face and raised a stone mound alongside.
80.00	The Cor. to Secs. 29. 30. 31 & 32. Land. broken rocky and sandy.

Subdivisions Th. 29 S. R. 11 E.

Chains.		Chains
	Soil 2nd rate.	
	Timber a few Cottonwoods.	
	Mountainous and Artemesia	
	Undergrowth on 80 chs.	
	N. bet. Secs. 29 & 30.	
	Va. 15° 20' E.	
1.90	Small Wash drains N.E.	
30.50	Gulch " N.E.	
40.00	Set a sand stone. 16 x 10 x 4 in. 12 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face. and raised a stone mound alongside.	2.00
49.50	Wash 4 ft. deep drains N.E.	40.00
	Cottonwoods on banks.	61.50
79.50	Spring Gulch 8 ft. deep drains N.E.	80.18
80.00	In Spring Gulch. drains N.E. Set a gray Sandstone. 16 x 12 x 8 in. 12 in. in the ground for Cor. to Secs.	

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Subdivisions T. 29 S. R. 11 E.

Chains	19. 20. 29. & 30. marked 2 notches on S. & 5 notches on E. edges. and raised a stone mound alongside.
	Land rolling.
	Soil poor quality.
	Timber a few Cottonwoods.
	Mountainous and Artemisia
	Undergrowth on 80 chs.
	E. on a random line
	bet. Secs. 20 & 29.
	Va. 15° 20' E.
2.00	Leave Gulch drains N.E. Ascend.
40.00	Set temporary 1/4 Sec. Cor.
61.50	Wash 8 ft. deep drains N.E.
80.18	Intersect N. & S. line at Cor. to Secs. 20. 21. 28 & 29.
	from which I run.
	W. on a true line.

Subdivisions Tp. 29 S. R. 11 E.

Chains.		Chains
	Bet. Secs. 20 & 29 With same Va.	
40.09	Set a granite 14x8x6 in. 10 in. in the	2.25
	ground for 1/4 Sec. Cor. marked	39.50
	1/4 on N. face, and raised a stone	
	mound alongside.	40.00
80.18	The Cor. to Secs. 19.20.29 & 30.	
	Land. rolling & Sandy.	47.50
	Soil. 1st rate.	59.00
	No timber.	71.50
	Artemisia Undergrowth on 80.18 chs.	79.80
	N. on random line.	
	Bet. Secs. 19 & 30.	
	Va. 15° 20' E.	
1.50	Springs of good water on line	39.80
	and N.W. & S.E. of line for	
	about 1.25 chs. each way. a	
	stream of water 8 lks. wide	
	10 in. deep flows from them.	79.80

Subdivisions Tp. 29. S. R. 11 E.

Chains	Cottonwoods & Willows in Gulch.
2.25	Leave gulch at head drains N.E.
39.50	Top of very rocky low ridge bears. N.E. & S.W.
40.00	On N. slope of same - set temporary 1/4 Sec. Cor.
47.50	Wash 2 ft. deep. drains N.E.
59.00	" 2 ft. " " N.E.
71.50	Top of low round hill.
79.80	Intersect W. boundary of Tp. 40 lks. S. of corner to Secs. 19 & 30 previously set by me from which I run. S. 89° 43' E. on true line. bet. Secs. 19 & 30.
39.80	Set a conglomerate with same Va. 36 x 8 x 8 in 24 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face & raised a stone mound alongside.
79.80	The Cor. to Secs. 19. 20. 29 & 30.

Subdivisions Tp. 29 S. R. 11 E.

Chains.		Chains
	Land. rolling & broken.	63.50
	Soil. E. half 1st rate.	65.00
	W. half 2nd rate.	76.00
	No timber.	78.00
	Mountainous & Artemesia	80.00
	Undergrowth on 79.80 chs.	
	N. bet. Secs. 19 & 20.	
	Va. 15° 20' E.	
00.50	Spring branch 8 lks. wide. 10 in. deep	
	Runs N.E. ascend.	
6.50	Top of broad. flat. low clay hill.	
	Bears E & W.	
40.00	Set a sandstone 30 x 6 x 4 in. 24	
	in. in the ground for 1/4 Sec. Cor.	
	marked 1/4 on W. face. and raised	
	a stone mound alongside.	
52.50	Wash 5 ft. deep drains N.W.	
	Cottonwoods & Willows on banks.	

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Subdivisions T. 29. S. R. 11. E.

Chains	
63.50	Same Wash drains N.E.
65.00	" " " N.W.
76.00	" " " N.E.
78.00	Top of red clay hill.
80.00	Set a Sandstone 24 x 8 x 6 in. 18 in. in the ground for Cor. to Secs. 17. 18. 19 & 20. marked 3 notches on S. and 5 notches on E. edges, and raised a stone mound along side.
	Land, mostly rolling clay hills
	Soil, 1st rate.
	Timber, a few Cottonwoods.
	Mountainous & Artemesia
	Undergrowth on 80 chs.
	E. on random line bet. Secs. 17 & 20. Va. 15° 20' E.

91.

Subdivisions Tp. 29. S. R. 11 E.

Chains.		Chains.
2.00	Wash 5 ft. deep. drains N.	
9.50	Trail bears S. & N.E.	
14.25	Wash 6 ft. deep. drains N.	
23.75	" 4 ft. " " N.	23.50
36.50	" 4 ft. " " N.W.	30.00
40.00	Set temporary 1/4 Sec. Cor.	40.00
58.00	Trail bears N.E. & S.W.	49.50
79.80	Intersect N. & S. line at Cor. to Secs. 16. 17.	63.50
	20 & 21.	68.00
	from which I run	79.70
	Mon true line.	
	Set Secs. 17. & 20.	
39.90	Set a Sandstone 20x8x4in. 14in. in the	
	Ground for 1/4 Sec. Cor. marked 1/4 on N.	
	face and raised a stone mound alongside.	39.70
79.80	The Cor. to Secs. 17. 18. 19 & 20.	
	Land. Nearly level.	
	Soil. 2nd rate. No timber.	79.70
	Artemesia Undergrowth	
	on 79. 80 chs. Jany 22. 1883.	

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Subdivisions Tp. 29. S. R. 11 E.

Chains.	
	W. on random line.
	bet. Secs. 18 & 19.
	Va. 15° 20' E.
23.50	Top of rocky ridge bears N.E. & S.W.
31.00	Wash 3 ft. deep. drains N.
40.00	Set temporary 1/4 Sec. Cor.
49.50	Wash 5 ft. deep drains N.E.
63.50	Head of wash 5 ft. deep drains N.E.
68.00	Wash 4 ft. deep drains N.E.
79.70	Intersect W. boundary of Tp. 2 chs. S. of Cor. to Secs. 18 & 19. previously set by me from which I run.
	S. 89° 51' E. on true line.
	bet. Secs. 18 & 19. with same Va.
39.70	Set a Sandstone 16x12x4 in. 12 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and raised Stone mound alongside.
79.70	The Cor. to Secs. 17. 18. 19. & 20.
	Land broken & rocky. Soil 2nd rate.
	No timber. Mountainous on 79.70 chs.

Subdivisions Sp. 29 S. R. 11 E.

Chains	N. bet. Sec. 17 & 18. Var. 15° 20' E.
4.50	Enter dry spring Gulch drains N.
	Cottonwoods & Willows on banks.
8.50	Leave same drains N.E.
10.00	Enter " " N.
15.00	Leave " " N.E.
21.75	Foot of ridge bears N.W. & S.E.
26.00	Top of same about 8 chs. N. W. ridge turns to S.W. descend.
33.00	Foot of ridge.
40.00	Set a red sandstone 18x14x4 in. 12 in. in the ground for 1/4 Sec. Cor. Marked 1/4 on W. face, & raised a stone mound along side. About 3 chs. E. of corner, Spring Gulch with flowing water - runs N.
46.50	Sandy Wash 4 ft. deep drains E.
69.50	Spring Wash 6 ft. deep - dry - drains E. Ascend.

Chains.
72.25
79.75
80.40
4.00
8.50

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Subdivisions Th 29 S. R. 11 E.

Chains.	
72.25	Descend Red bluff 40 ft. high bears E & S.W.
79.75	Gulch drains N.E.
80.00	Set a Granite 22 x 8 x 6 in. 16 in. in the ground for cor. to Secs. 7. 8. 17. & 18. marked 4 notches on S. & 5 notches on E. edges. and raised a stone mound alongside.
	Land. Mostly broken & rolling.
	Soil. 2nd rate.
	Timber. Cottonwoods.
	Mountainous & Artemisia
	Undergrowth on 80 chs.
	E. on a random line.
	bet. Secs. 8 & 17.
	Va. 15° 26' E.
4.00	Enter Gulch. drains E.
8.50	Leave same " N.E.

Subdivisions Tp. 29 S. R. 11 E.

Chains.	
15.00	Top of perpendicular red bluffs.
16.00	Foot of same & enter spring hollow. Cottonwoods & Willows.
16.20	Spring branch 8 lks. wide 10 in deep flows N.E.
16.50	Across hollow.
24.00	Gulch drains N.
30.00	Flat & Sandy Wash. drains N.
34.00	Foot of steep rocky red ridge. 50 ft. high bears N. & S.
40.00	Set temporary 1/4 sec. Cor.
80.28	Intersect N. & S. line 31 lks. N. of Cor. to secs. 8.9. 16 & 17. from which I run. N. 89° 47' W. on true line. Bet. secs. 8 & 17.
40.14	Set a gray sandstone with same Va. 16 x 8 x 6 in. 12 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and raised a mound of stone alongside

BOOK

Sub

Chains.
80.28
29.00
33.00
36.50
37.50
38.50
40.00
43.50

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Subdivisions Tp. 29 S. R. 11 E.

Chains	
80.28	The cor. to Secs. 7, 8, 17, & 18.
	Land. Very broken & rolling.
	Soil. 2nd rate.
	Timber. Cottonwood.
	Mountainous & Artemisia
	Undergrowth on 80.28 chs.
	W. on random line.
	bet. Secs. 7 & 18.
	Va. 15° 20' E.
29.00	Head of Gulch drains S.W.
33.00	Low divide bears N.E. & S.W.
36.50	Head of Gulch drains N.W.
37.50	Top of low. rid. spur of ridge
	Descends N. Ascends S.E.
38.50	Head of Gulch drains N.
40.00	On N. slope of ridge. 100 ft. high.
	Set temporary 1/4 Sec. Cor.
43.50	Head of Gulch drains N.

Subdivisions Tp. 29 S R. 11 E

Chains.	
44.50	Top of another spur of ridge descends N.W. ascends S.
54.00	Flat Sandy wash drains N.W.
62.00	" " " " N.E.
79.80	Intersect W. boundary of Tp. 6 lks. N. of Cor. to Secs. 7 & 18. previously set by me. from which I run.
	N. 89° 57' E. on true line.
	bet. Secs. 7 & 18.
39.80	Set a sandstone with same Va. 14 x 6 x 6 in. 10 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and raised a stone mound alongside.
79.80	The Cor. to Secs. 7. 8. 17. & 18.
	Land. broken & rolling.
	Soil. 2nd rate.
	No timber.
	Mountainous & Artemisia
	Undergrowth on 79.80 chs.

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Subdivisions Tp. 29. S. R. 11 E.

Chains.	N. bet. Secs. 7. & 8. Va. 15° 20' E.
11.00	Top of round flat hill 40 ft. high.
28.50	Point of bluff bears N. W. & S. E.
34.25	Foot of bluff. Ascend.
36.50	Top of bluff. bears E. & S.W.
39.50	Across flat top & descend.
40.00	On N. slope of gravelly bluff. 30 ft. high. bears E. & S.W. Set Granite 14 x 10 x 4 in. 10 in in the ground, for 1/4 Sec. Cor. marked 1/4 on W. face, and raised a stone mound alongside.
41.50	Foot of the same bluff.
80.00	Set a sandstone 22 x 6 x 6. in. 16 in in the ground for Cor. to Secs. 6. 6. 7. & 8. marked 5 Notches on S. & 5 notches on E. edges. and raised a stone mound alongside. Land. South half broken & rolling.

Subdivisions T. 29 S. R. 11 E.

		Chains
	N. half level & sandy.	
	Soil 2nd rate.	
	No timber	40.04
	Mountainous on 40 chs.	
	Artemisia Undergrowth on 80 chs.	
		80.08
	E. on random line	
	bet. Secs. 5 & 8.	
	Va. 15° 20' E.	
35.50	Bottom of deep rocky dry	
	Spring gulch 50 ft. deep drains	
	N. Cottonwoods.	
40.00	Set temporary 1/4 Sec. Cor.	
44.00	Rocky ledge 25 ft. high bears	
	N. W. & S.E.	
71.00	Rocky Gulch drains S.W.	
80.08	Intersect N. & S. line at Cor.	
	to Secs. 4.5.8 & 9. from which	36.00
	Trees.	38.00

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100

Subdivisions Sh. 29 S.R. 11 E.

Chains	
	N. on true line.
	Bet. Secs. 5 & 8.
	With same Va.
40.04	Set a graysandstone 20x12x4 in. 15 in. in the ground, for 1/4 Sec. Cor. marked 1/4 on N. face & raised mound of stone alongside.
80.08	The Cor. to Secs. 5.6.7 & 8.
	Land. E. half. gently rolling. & Sandy. W. half very broken & rocky.
	Soil 2nd rate.
	Timber. Cottonwoods.
	Mountainous on 40 chs.
	Artemesia Undergrowth on 80.08 chs.
	W. on random line.
	Bet. Secs. 6 & 7.
	Va. 15° 20' E.
36.00	Head of Gulch drains S.W.
38.00	N.E. point of low rocky hills.

Subdivisions Th. 29 S. R. 11 E.

Chains		
40.00	Set temporary 1/4 Sec. Cor.	
79.73.	Intersect St. boundary of Th. 30 lks. S. of Cor. to Secs. 6 & 7, formerly set by me from which I run.	26.50
	S. 89° 47' E. on true line.	31.50
	Set Secs. 6 & 7.	39.25
39.73	Set a sandstone 16 x 8 x fa. 12 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and raised a stone mound alongside. with pauu Va.	40.00
		51.50
79.73	The Cor. to Secs. 5. 6. 7. & 8.	79.57
	Land rolling, broken, rocky & sandy. Soil 2nd rate.	
	No timber.	
	Mountainous and Artemisia Undergrowth on 79.73 chs.	39.57
		79.57

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Subdivisions T. 29 S. R. 11 E.

N. on random line.
bet. Secs. 5 & 6.
Va. 15° 20' E.

26.50 Small Sandy Wash drains N.E.

31.50 " " " " N.E.

39.25 Sandy & rocky wash 2 ft. deep drains E.

40.00 Set temporary 1/4 Sec. Cor.

51.50 Sandy wash in small Gulch. drains E.

79.57 Intersect N. boundary of Tp. 7 lks. E. of Cor. to Secs. 5 & 6. formerly set by me from which. Azim. S. 0° 03' E. on true line. bet. Secs. 5 & 6. with same Va.

39.57 Set a gray sandstone 18x10x4 in. 14 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised a stone mound alongside.

79.57 The cor. to Secs. 5. 6. 7. & 8.

Subdivisions Tp. 29 S. R. 11 E.

Land rolling and Sandy.
Soil. 2nd rate.
No timber.
Artemisia Undergrowth on 79.57 Chs.
Jany. 23. 1883.

General Description

The land embraced in this Tp. consists of the broken slopes or foot hills of the Henry Mountains It is thickly covered by the Various Kinds of Artemisia and is intersected by numerous Gulches nearly all of which contain Water at some points but which owing to the porus nature of the soil donot furnish Continuous streams

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but sink and rise at intervals.
About one half of the land is
suitable for cultivation. the
balance consists of broken ridges
of sandstone and Gypsum beds,
and is a very rough and broken
Country. Enough water for
irrigation can be obtained
from the Gulches, if necessary.
though it is my opinion that crops
can be raised without irrigation
as there is quite an amount of
rainfall during the summer.
Coal measures underlie the
whole country at a depth of
from 400 to 500 feet which are
not available in this T. except
by shafts at that depth.
I therefore return all as agricultural land.

A. D. Ferron. U.S. Dept. Sur.

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, June 9th *1883*

The foregoing field notes of the survey of the Subdivisions

Township No. 29 South *Range No.* 11 East

Executed by W. D. Herron

Under his *contract of the* 29th

day of August *1882, in the month of*

January *1883, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Frd Salomon

U. S. Surveyor General for Utah.

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REPORT: 1883.

Filed 188

Examined by John H. Campbell

Transcribed by E. Michaelis

Compared by F. S. Linton & R. K. Stevenson

FIELD NOTES

OF THE Resurvey and SURVEY OF THE

Henry Mountain Guide Meridian

fractional East Boundary

OF

Township No. 30 South

Range No. 11 East

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

A. D. Ferron

U. S. Deputy Surveyor,

Under his Contract No. 110

Dated August 29th 1882

Survey commenced Dec. 26 1882

Survey completed " 26 1882

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Henry Mountain Guide Meridian
East Boundary Tp. 30 S., R 11 E.

Survey commenced: Dec, 26 1882.

From the cor to sec. 1. 6. 7 & 12 on the E. boundary Tp. 30 S. R 11 E. formerly set by me I run

South bet sec. 7 and 12.

Var: 15°20' E.

(Resurvey)

Note: On account of High Bluff I offset East 20 chs. then South 80 chs then West. 20 chs to

80.00 In place — Old cor apparently destroyed by a wash. Therefore set a Sand Stone 18×10×6. 12 in. in the ground for cor to sec. 7. 12. 13 & 18.

Marked 2 Notches on N. & 4 on S. edges and raised a stone mound alongside.

Note: the ¼ sec cor fallen inaccessible breaks is not set.

Land very broken Bluff breaks

Soil 3rd rate:

Henry Mountain Guide Meridian

No Timber

Mountainous on 80 chs

South Cut. Sec.s 13 & 18
Sa 15° 20' E
(New Survey)

40.00 Set a Sand stone 18×6×5, 12 in in the ground, marked. 1/4 on W. face for 1/4 sec cor. and raised a stone mound alongside

63.50 Foot of Bluff bears N.W.

80.00 Set Sandstone 14×7×7. 9 in. in the ground, for cor to Sec.s 13.18.19 & 24. marked 3 Notches on N & E edges, and raised a stone mound alongside.

Land very broken foot hills,

Soil Indrate,

No Timber,

East Boundary Tp. 30 S., R. 11 E.

Mountainous on 80 chs

Dec. 26. 1882

Note: On account of unavailable Mountains I discontinue line here.

Note: For General Description See Subdivisions Tp. 30 S, R 11 E.

A. D. Tucker

U.S. dep. Surveyor.

110

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Nov. 9th *1883.*

The foregoing field notes of the survey and resurvey *of the* Henry Mountain Guide Meridian, fractional East Boundary

Township No. 30 South *Range No.* 11 East

Executed by A. D. Ferron

Under his *contract of the* 29th No. 110

day of August *1882, in the month of*

December *1882, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Fred Salomon

U. S. Surveyor General for Utah.

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27
R: 1883 111

Filed 187 .

Examined by John H. Campe
Transcribed by E. Michaelis
Compared by F. S. Lontine & B. R. Stevenson

FIELD NOTES

OF

THE SURVEY OF THE

fractional West Boundary

of Township No. 30 S. , Range No. 11 E.

of the Salt Lake Meridian in Utah Territory.

BY

Augustus D. Ferron

U. S. DEPUTY SURVEYOR,

Under his Contract No. 110

dated August 29 1882

Survey commenced Dec. 28 1882

Survey completed " 28 1882

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West Boundary of 30 S. R. 11 E.

Chains	Survey Commenced Dec. 28. 1882
	From the Cor. to Tps. 29 & 30 S. R. 10 & 11 E. established by me during this survey. I run.
	South bet. Secs. 1 & 6.
	Va. 15° 20' E.
20,00	Foot of Bluff point bears N.W. & N.E.
40,00	Set Granite 14×12×5 ins. 9 ins. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face & raised stone mound alongside.
46,50	Small Wash drains N.E.
49.50	Wash 4 ft deep drains N.E.
65,75	Top of low spur of Bluff extends S.W. & N.E. 1,50 chains.
73,50	Wash 4 ft. deep drains N.E.
80,00	Set Granite 18×12×10 in. 12 in. deep ~~in the ground~~ for Cor. to secs 1. 6. 7 & 12. marked 1 Notch on N. & 5 on Sedges. and raised a stone

West Boundary Tp. 30 S. R. 11 E.

Chains		Chains
	mound alongside.	
	Land, heavy rolling.	47.50
	Soil 2nd rate.	
	No Timber.	56.00
	Artemisia undergrowth on 80 chs.	
		66.25
	South bet. Secs. 7 & 12.	69.00
	Va. 15° 20' E.	80.00
6.50	Foot of ridge, ascend.	
11.50	Top of same, 50 ft. high, bears N.E. & S.W. descend.	
16.00	Foot of same.	
20.00	Head of Wash 4 ft. deep, drains N.E.	
26.50	E. side of round hill 50 ft. high.	
30.00	Wash 6 ft. deep N.E.	
40.00	Set granite 20 x 6 x 4 in. 15 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face, and raised a stone	

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West Boundary Tp. 30 S. R. 11 E.

Chains.	
	mound alongside
47.50	Foot of bluffs 75 ft high, bears N.E. & S.W.
56.00	Top of same. Hugh McClellans Corral & Cabin bears N. 50° 10' E. 57.25 chains dist.
66.25	Rocky Gulch drains N.E. some scattering cedars in gulch.
69.00	Trail bears N.E. & S.W.
80.00	Set a granite 22 x 10 x 4 16 ins. in the ground for Cor. to Secs. 7, 12, 13 & 18, and raised a stone mound alongside, marked 2 notches on N. & 4 on S. edges.

Land heavy rolling.

Soil 2nd rate.

Timber, a few scattering cedars.

Mountainous on 80 chs.

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West Boundary Tp. 30. S. R. 11 E.

Chains.	South Bd. Secs. 13 & 18. Var. 15° 20' E.	Chains.
2.00	Head of Gulch drains N.E.	10.00
40.00	Set granite 14x8x5 in. 9in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face & raised a stone mound alongside.	22.00
		26.00
		30.00
		37.00
70.00	Top of Bluff 40 ft. high, descend.	40.00
73.00	Hollow heads S. drains N.E.	
80.00	Set Granite 24x8x6in. 18in. in the ground for Cor. to Secs. 13. 18. 19 & 24 marked 3 notches on N. & S. edges, and raised a stone mound alongside.	
		68.50
	Land high, heavy rolling plateau. Soil 3rd rate.	80.00
	Timber. Scattering Cedar.	
	Mountainous on 80 chains.	

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West Boundary Tp. 30 S. R. 11 E.

Chains	
	South bet. Secs. 19 & 24. Var. 15° 28' E.
10.00	Ascend.
22.00	Hollow heads S.W.
26.00	Rocky Wash in hollow drains E.
30.00	Ascends Main Henry Mountains.
37.00	Gulch drains N.E.
40.00	On W. slope of bluff & E. side of Gulch. Set a granite 30 x 8 x 6 in. 20 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised a stone mound alongside.
68.50	Rocky Wash drains N.E.
80.00	Set a granite 24 x 10 x 6 in. 15 in. in the ground for cor. to Secs. 19, 24, 25 & 30, marked 4 notches on N. & 2 on S. edges and raised a stone mound alongside.

Land, high rolling Mountainous slopes
Soil 3rd rate.
Timber, Scattering Cedars.
Mountainous on 80 Chains.
Dec. 28 1882.

Note: On account of inaccessible Mountains I abandon line here.

For General Description see Subdivision Notes of this Township.

A. D. Ferron.
U. S. Deputy Surveyor.

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, June 9th *1883.*

The foregoing field notes of the survey of the fractional West boundary of

Township No 30 S. *Range No* 11 E.

of the Salt Lake Meridian, Utah Territory,

Executed by A. L. Ferron

Under his *contract No* 110

of the 29, *day of* August *1882,*

in the month of December *1882,*

having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.

Frd Salomon

U. S. Surveyor General for Utah.

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R: 1883 119

Filed 187 .

Examined by John H. Campe

Transcribed by Michaelis

Compared by B.R. Stevenson & J. Sutton

FIELD NOTES

OF

THE SURVEY OF THE

fractional Subdivision lines

of Township No. 30 S., Range No. 11 E

of the Salt Lake Meridian in Utah Territory.

BY

Augustus D. Ferron

U. S. DEPUTY SURVEYOR,

Under his Contract No. 110

dated August 29 1882

Survey commenced Jany 8 1883.

Survey completed " 13. 1883.

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Township 30 S. **R.** 11 East

112	6	161	5	152	4	146	3	139	2	133	1
	160		159		151		144		138		132
113	7	158	8	150	9	143	10	137	11	130	12 107
	156		155		148		142		136		129
115	18	153	17	147	16	140	15	135	14	128	13 108
	127		125		124		123		122		121
116	19		20		21		22		23		24
	30		29		28		27		26		25
	31		32		33		34		35		36

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Subdivisions Tp. 30 S. R. 11 E.

Chains

Survey Commenced. Jany 8. 1883.

Note. The South half of this Township falls on the N. slope of the Henry Mountains and consists of high, broken, rocky ridges, and deep gulches, nearly all barren and not surveyable according to instructions. Therefore from the Cor. to Secs. 18 & 19 on the West boundary of the Tp. I run East on a random line through the center of the Tp. The variation of my instrument being 15° 20' E. I set temporary 1/2 mile & Mile Cors. every 40 & 80 chs. and find this line to be 5 miles, 79 chs. and 70 lks. long. and the falling to be 21 lks. N. of the Cor. to Secs. 13 & 24 on the E. boundary of the Tp. The

Subdivisions Tp. 30 S. R. 11 E.

Chains.		Chains.
	Correction for the true line will therefore be 3½ lks. S. and 30 lks. W. per. mile and its course N. 89° 59' W.	
	From the Cor. to Secs. 13 & 24, on the E. boundary of this Tp. set by me during this Survey I run, N. 89° 59 W. on true line bet. Secs. 13 & 24. Va. 15° 20' E.	
40,00	Set Sandstone 10x10x9 in. 6 in. in the ground for ¼ Sec. Cor. marked ¼ on N. face, and raised a stone mound along side.	40,00
58,00	Rocky Gulch 175 ft. deep, trains N.E.	62,60 80,00
80,00	Set Sand stone 11x9x7 in. 7 in. in the ground	

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Subdivisions Tp. 30 S. R. 11 E.

Chains.	
	for Cor. to Secs. 13. 14. 23 & 24 marked 1 Notch on E. & 3 on S. edges. and raised a stone mound alongside.
	Land very broken Bluffs.
	Soil 3rd rate.
	No timber.
	Mountainous on 80 chs.
	N. 89° 59' W on true line bet. Secs. 14 & 23.
	Va. 15° 20' E.
40.00	Set sand stone 17.x6x4 in. 11 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and raised a stone mound alongside.
62.60	Wash 30 ft. deep drains N.E.
80.00	Set Sandstone 16.x6x6 in 11 in. in the ground for Cor. to Secs. 14.

Subdivisions T. 31 S. R. 11 E.

Chains.		Chains
	15. 22. & 23. marked 2 notches on E. & 3 notches on S. edges and raised a stone mound alongside.	73.00
		80.00
	Land. Very broken Mountain slope.	
	Soil. 2nd & 3rd rate.	
	No timber.	
	Mountainous on 80 chs.	
	N. 89° 59' W. on true line bet. Secs. 15 & 22.	
	Va. 15° 20' E.	
28.30	Gulch 100 ft. deep drains N.	
39.25	" " " " " N.E.	
40.00	Set granite 11×10×8 in. 6 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and raised a stone mound alongside.	13.00
		22.00
		40.00
61.75	Gulch 90 ft. deep drains N.W.	

Subdivisions T. 30 S. R. 11 E.

Chains	
73.00	Gulch 120 ft. deep drains N.E.
80.00	Set Sandstone 11x11x7 in. 6 in. in the ground, for Cor. to Secs. 15, 16, 21 & 22. and marked 3 notches on E. and S. edges and raised a stone mound alongside.
	Land very broken N. slope
	Soil 3rd rate.
	No timber.
	Mountainous on 80 chs.
	N. 89° 59' W. on true line betw. Secs. 16 & 21.
	Va. 15° 20' E.
13.00	Gulch 50 ft. deep drains N.
22.00	" 150 " " " N.E.
40.00	Set granite 13x9x5 in. 8 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and raised a

Subdivisions Tp. 30 S. R. 11 E.

Chains	
	stone mound alongside.
43,00	Gulch 80 ft. deep drains N.
51,00	" 125 ft. " " N.E.
80,00	Set granite 14x9x6 in. 9 in. in the ground for Cor. to Secs. 16. 17. 20. & 21. marked 3 notches on S. & 4 on E. edges. and raised a stone mound alongside.
	Land broken N. slope.
	Soil 3rd rate.
	No timber.
	Mountainous on 80 chs.
	N. 89° 59' W. on true line bet. Secs. 17 & 20.
	Va. 15° 20' E.
18,00	Gulch 40 ft. deep drains N.
23,75	" 50 " " " N.E.
27,00	Top of high Spur of Bluff.

B

Chains.
37,50
40,00
43,00
60,00
67,00
80,00

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Subdivisions Tp. 30 S. R. 11 E.

Chains.	
37.50	Rocky Gulch drains N.
40.00	Set Granite 14x14x8 in. 9 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and raised a stone mound alongside.
43.00	Rocky Gulch drains N.
60.00	Ridge 75 ft. high bears N.W. & S.E
67.00	Rocky wash drains N.W.
80.00	Set Granite 16x8x6 in. 11 in. in the ground marked 3 notches on S. & 5 on E. edges. for Cor. to Secs. 17. 18. 19 & 20. and raised a stone mound alongside.

Land broken N. slopes.

Soil 3rd rate.

No timber.

Mountainous on 80 chs.

Jany 8. 1883.

Subdivisions T. 30 S. R. 11 E.

Chains		Sur. Chains.
	N. 89° 59' W. on true line betw. Secs. 18 & 19. Va. 15° 20' E.	79.70
4.50	Top of hill 40 ft high from which. Moss Spring Meadow bears S. 12° W. 18 chs. dist.	
8.50	Gulch 20 ft. deep drains N.W.	
17.50	" " " " " N.	
30.00	Wash drains N.W.	
40.00	Set granite 20 x 7 x 5 in. 15 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and raised mound of stone alongside	26.00
40.50	Wash drains N.E.	40.00
47.00	Gulch " N.	
56.50	" " N.W.	
63.50	" " N.E.	
70.00	Ridge bears N.E. & S.W.	80.00
74.00	Enter broad hollow drains N.E.	

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Subdivisions Tp. 30 S. R. 11 E.

Chains.	
79.70	The Cor. to Secs. 18. & 19. on W. Boundary. Land broken North slope. Soil 3rd rate. Timber. Scattering Cedar. Dense Artemisia undergrowth on 79.70 chs.
	From the Cor. to Secs 13. 14. 23 & 24. S. run. N. bet. Secs. 13 & 14. Va. 15°20' E.
26.00	Gulch 60 ft deep drains N. E.
40.00	Set Sandstone 16 x 7 x 7 in. 11 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised mound of stone alongside
80.00	Set Sandstone 15 x 15 x 3 in. 10 in. in the ground for Cor. to Secs.

Subdivisions T. 30. S. R. 11 E.

Chains-	11. 12. 13. & 14. marked 1 notch	Chains
	on E. & 4 on S. edges and	
	raised a mound of stone	40.40
	alongside-	
	Land broken bluffs.	
	Soil 3rd rate.	
	No timber.	
	Mountainous on 80 chs.	80.80
	East on random line	
	bet. Secs. 12. & 13.	
	Va. 15° 20' E.	
29,00	Gulch drains N.W.	
40,00	Set temporary 1/4 Sec. Cor.	
68,00	Top of bluffs 80 ft. high.	
80.80	Intersect E. boundary of Tp.	5,00
	at Cor. to Secs. 12. & 13. formerly	24.35
	set by me from which-	40,00
	I run -	

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Subdivisions Tp. 30 S. R. 11 E.

Chains	
	W. on true line.
	Set Secs. 12 & 13. with same var.
40.40	Set Sandstone 12×10×5 in. 8 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and raised a Mound of stone alongside.
80.80	The Cor. to Secs. 11. 12. 13 & 14. Land mostly high bluffs. Soil 3rd rate. No timber. Mountainous on 80.80 Chs.
	N. bet Secs 11 & 12. Va. 15° 20' E.
5.00	Wash in Gulch drains N.E.
24.35	A cedar 15 in. dia.
40.00	Set Sandstone 24×14×4 in. 18 in. in the ground for 1/4 Sec. Cor.

Chains		Chains
	Marked ¼ on W. face and raised mound of stone alongside.	
44.00	Sandstone ledge bears N.E. & S.W.	
54.50	Gulch 35 ft. deep. drains S.W.	
57.20	-- 25 ft. -- -- --	4.50
75.00	Descend.	8.50
80.00	In Gulch drains N.E. Set	11.50
	Gypsum 20 x 16 x 6 in. 15 in. in the	14.00
	Ground for Cor. to Secs. 1. 2. 11 & 12.	15.75
	Marked 5 Notches on S. & 1 on E.	20.50
	Edges. and raised mound of	34.50
	stone alongside.	40.00
	Land rolling and Sandy plateau.	64.50
	Soil 2nd rate.	
	Timber. a few scattering Cedars.	71.50
	Mountainous, and Artemisia	75.00
	Undergrowth on 80 chs.	80.00

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Subdivisions Tp. 30 S. R. 11 E.

Chains	
	E. on random line.
	bet. Secs. 1 & 12.
	Va. 15° 20' E.
	Ascend.
4.50	Enter broad hollow. drains N.
8.50	Ascend.
11.50	Gulch drains S.W.
14.00	Top of bluff.
15.75	Descend.
20.50	Enter flat. bears N.W. & S.E.
34.50	Wash drains N.
40.00	Set temporary 1/4 Sec. Cor.
64.50	Wash drains N.W.
71.50	Ascend.
75.00	Ridge bears N.W. & S.E.
80.00	Intersect E. boundary of Tp.
	20 lks. N. of Cor. to Secs. 1 & 12
	formerly set by me from which
	I run.
	N. 89° 51' W. on true line

Subdivisions Th. 30 S. R. 11 E.

Chains		Chains
	bet. Secs. 1 & 12 with same var.	11.00
40.00	Set Sandstone 18x18x2 in. 12	15.00
	in. in the ground for 1/4 Sec. Cor.	37.00
	Marked 1/4 on N. face and dug	40.00
	pits 18x18x12 in. E & W. of stone.	48.00
	5 1/2 ft. dist. and raised a mound	53.50
	of earth 1 1/2 ft high. 3 1/2 ft. base	80.20
	alongside.	
80.00	The Cor. to Secs. 1. 2. 11 & 12.	
	Land rolling bluffs & foot hills.	
	Soil 2nd rate.	
	No timber	40.20
	Mountainous on 80 chs.	
	N. on random line	80.20
	bet. Secs. 1 & 2.	
	Va. 15°20' E.	
	Ascend.	
5.00	Enter plateau.	

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Subdivisions Tp. 30 S. R. 11 E.

Chains	
11.00	Descend.
15.00	Enter rolling ground.
37.00	S.W. point of ridge.
40.00	Set temporary 1/4 Sec. Cor.
48.00	Gulch drains N.E.
53.50	Hollow drains N.E.
80.20	Intersect N. boundary of Tp. at Cor. to Secs. 1 & 2 set by me during this survey. from which.
	S. on true line
	Set Secs. 1 & 2. with same var.
40.20	Set Granite 20x14x3 in. 15 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face, and raised mound of stone alongside.
80.20	The Cor. to Secs. 1. 2. 11 & 12.
	Land. Mostly Gypsum foot hills.
	Soil. 2nd rate.
	No timber.
	Artemesia Undergrowth, on 80.20 chs.

Jany 9 1883.

Subdivisions Tp. 20 S. R. 11 E.

Chains.	From the Cor. to Secs. 14. 15 22 & 23.	Chains
	N. bet. Secs. 14 & 15.	
	Va. 15° 20' E.	4.00
33.00	Gulch drains N.E.	37.50
40.00	Set Sandstone 18 x 8 x 5 in. 12 in.	40.00
	in the ground for 1/4 Sec. Cor.	53.00
	Marked 1/4 on W. face and raised	76.50
	mound of stone alongside.	79.50
54.00	Gulch drains N.E.	
73.00	Wash " "	
80.00	Set Granite 14 x 8 x 5 in. 9 in. in the	
	Ground for Cor. to Secs. 10. 11. 14 & 15.	39.75
	Marked 4 Notches on S. & 2 on	
	E. edges and raised Mound	
	of stone alongside.	
	Land rolling plateau.	
	Soil 3rd rate.	79.50
	No timber	
	Mountainous & Artemesia Undergrowth on 80 chs.	

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Subdivisions Tp. 30 S. R. 11 E.

Chains	
	S. on random line.
	bet. Secs. 11 & 14.
	Va. 15° 20' E.
4.00	Wash drains N.E.
37.50	Gulch - -
40.00	Set temporary 1/4 Sec. Cor.
53.00	Wash drains N.E.
76.50	Wash in hollow drains N.E.
79.50	Intersect N. & S. line 30 lks. S.
	of Cor. to Secs. 11, 12, 13 & 14 from which.
	S. 89° 47' W on true line
	bet. Secs. 11 & 14. with same var.
39.75	Set Sandstone 18 x 10 x 4 in. 12 in.
	in the ground for 1/4 Sec. Cor.
	marked 1/4 on N. face and
	raised mound of stone
	alongside.
79.50	The Cor. to Secs. 10, 11, 14 & 15.
	Land rolling plateau.
	Soil 2nd rate.

Subdivisions Th. 30 S. R. 11 E.

Chains		Chains
	No timber	
	Artemisia Undergrowth on	
	79.50 chs.	
	N. bet Secs. 10 & 11.	
	Va. 15° 20' E.	
3.00	Hollow drains N.E.	
17.00	Wash in broad hollow drains N.E.	
40.00	Set granite 14 x 7 x 5 in. 9 in. in	5.50
	the ground for 1/4 Sec. Cor. marked	10.00
	1/4 on W. face and raised a	30.50
	mound of stone alongside.	40.00
73.00	Wash drains N.E.	43.20
80.00	Set Sandstone 40 x 8 x 4 in. 20 in	50.40
	in the ground for Cor. to Secs.	52.00
	2. 3. 10 & 11. marked 5 notches	54.80
	on S. & 2 notches on E. edges.	57.00
	& raised a mound of stone	64.25
	alongside.	69.50

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Subdivisions Tp. 30 S. R. 11 E.

Chains	
	Land rolling and sandy plateau.
	Soil, 2nd rate.
	Timber, a few scattering Cedar.
	Artemesia Undergrowth on 80 chs.
	E. on random line
	bet. Secs. 2 & 11.
	Va. 15° 20' E.
5.50	Wash drains N.E.
10.00	" " "
30.50	Sandstone ledge bears N.E. & S.W.
40.00	Set temporary ¼ Sec. Cor.
43.20	Wash drains N.E.
51.40	" " "
52.00	Same " "
54.80	" " "
57.00	Enter higher plateau.
64.25	Gulch drains N.W.
69.50	" " "

Subdivisions T. 30 S. R. 11 E

Chains.	
79.25	Descend
80.00	Intersect N. & S. line at Cor. to Secs. 1.2.11 & 12. from which
	W. on true line
	bet. Secs. 2 & 11. with same var.
40.00	Set granite 20 x 10 x 6 in. 15 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face & raised mound of stone alongside.
80.00	The Cor. to Secs. 2.3.10 & 11.
	Land rolling plateau & foot hills.
	Soil 3rd rate.
	No timber.
	Mountainous and Artemesia
	Undergrowth on 80 chs.
	N. on random line
	bet. Secs. 2 & 3.
	Va. 15° 20' E.

Subdivisions

Chains.
40.00
79.60
39.60
79.60

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Subdivisions Tp. 30 S. R. 11 E.

Chains.	
40.00	Set temporary 1/4 Sec. Cor.
79.60	Intersect N. boundary of Tp. at Cor. to Secs. 2 & 3 from which S. on true line, bet Secs. 2 & 3. with same var.
39.60	Set Sandstone 18x10x5 in. 12 in. in the ground for 1/4 Sec. Cor. Marked 1/4 on W. face & raised mound of stone alongside.
79.60	The Cor. to Secs. 2. 3. 10 & 11. Land rolling Sandy Plateau. Soil. 2nd rate. No timber. Thick undergrowth on 79.60 chs. Jany 10, 1883.

From the Cor. to Secs. 15. 16. 21 & 22 Run.

N. bet. Secs. 15 & 16.

Va. 15° 20' E.

Subdivisions Tp. 30 S. R. 11 E.

Chains	
22.00	Gulch drains N.E.
38.00	Enter hollow drains N.E.
40.00	Set granite 18x10x5 in. 12 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised mound of stone alongside.
48.50	Leave hollow.
53.50	Hollow drains N.E.
64.50	Gulch " "
70.80	" " S.E.
74.00	Ridge 40 ft high bears N.E. & S.W. ascend.
80.00	On E. side of hollow. heads S.W. Set granite 20x10x8 in. 15 in. in the ground for Cor. to Secs 9, 10, 15 & 16. marked 4 notches on S. and 3 notches on E. edges, and raised mound of stone alongside.
	Land very broken.
	Soil 2nd rate.

Chains
3.00
9.50
15.00
21.50
35.00
40.00
43.50
64.00
68.50
80.30

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Subdivisions T. 36 S. R. 11 E.

Chains	
	No timber.
	Mountainous on So chs.
	E. on random line bet. Secs. 10 & 15. N. 15° 20' E
3.40	Ridge bears N.E. & S.W.
9.50	Hollow drains N.E.
15.00	Ridge bears N.E.
21.50	" " N.
35.00	" " N.E.
40.00	Set temporary 1/4 Sec. Cor.
43.50	Wash drains N.E.
64.00	" in Gulch drains N.E.
68.50	Gulch drains N.
80.30	Intersect N. & S. line 93 lks. N. of Cor. to Secs. 10. 11. 14. & 15. from which I run.
	N. 89° 20' W. on true line

Subdivisions Tp. 30 S. R. 11 E.

Chains	
	bet Secs. 10 & 15
40.15	Set Granite 16 x 10 x 5 in. 11 in. in with same var. the ground for 1/4 Sec. Cor. marked 1/4 on N. face and raised a mound of stone alongside.
80.30	The Cor. to Secs. 9. 10. 15 & 16. Land rolling plateau & foothills Soil 2nd rate. Timber a few Scattering Cedar. Artemesia Undergrowth on 80.30 chs.
	N. bet Secs. 9 & 10
	Va. 15° 20' E.
6.50	Leave Gulch drains N.W.
8.50	Wash drains N.E.
9.75	" " "
0.00	Set granite 36 x 24 x 16 in. 20 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised

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Subdivisions Tp. 30 S. R. 11 E.

Chains	
	a mound of stone alongside.
47.00	Wash drains E.
49.00	" " N.E.
75.00	" " N.W.
80.00	Set Sandstone 24 x 10 x 4 in. 18 in. in the ground for Cor. to Secs. 3. 4. 9 & 10. marked 5 notches on S. and 3 on E. edges. and raised a stone mound alongside.
	Land. rolling plateau
	Soil. 2nd rate.
	No timber.
	Artemesia Undergrowth on 80 chs.
	E. on random line
	bet Secs. 3 & 10.
	Va. 15°20' E.
1.10	Wash drains N.W.
6.50	" " "

Subdivisions Tp. 30. S. R. 11 E.

Chains		Chains.
40.00	Set temporary 1/4 Sec. Cor.	
53.50	Sandstone ledge ridge bears N.E. & S.W.	
80.60	Intersect N. & S. line 30 lks. N. of Cor. to Secs. 2. 3. 10 & 11. from which,	4.50
	Sun.	23.50
	N. 89° 47' W. on true line.	40.00
	Set Secs. 3 & 10. with same var.	54.50
40.30	Set Sandstone 28×10×2 in. 20 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face, and dug pits 18×18×12 in. E. & W. of stone 5½ ft. dist. and raised a mound of earth 1½ ft. high 3½ ft. base alongside.	79.20
		39.20
80.60	The Cor. to Secs. 3. 4. 9 & 10. Land broken plateau. Soil 2nd rate. No timber.	79.20
	Artemisia Undergrowth on 80.60 Ch.	

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Subdivisions Tp. 30 S. R. 11 E.

Chains.	
	N. on random line.
	bet. Secs. 3 & 4.
	Va. 15° 20' E.
4.50	Wash drains N. W.
23.50	" " S. W.
40.00	Set temporary 1/4 Sec. Cor.
54.50	Gulch drains W.
79.20	Intersect N. boundary of Tp. 75 lks. W. of Cor. to Secs. 3 & 4 recently set by me from which Drum.
	S. 0 32' W. on true line
	bet. Secs. 3 & 4 with same var.
39.20	Set conglomerate 16 x 10 x 5 in. 11 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised a stone mound alongside
79.20	The Cor. to Secs. 3. 4. 9 & 10.
	Land rolling.
	Soil 2nd rate.

Subdivisions T. 30 S. R. 11 E.

Chains	
	No timber.
	Artemesia Undergrowth. on 79.20 chs.
	Jany 11, 1883.
	From the Cor. to Secs. 16. 17. 20 & 21. I run.
	N. on true line.
	Set Secs. 16 & 17.
	Va. 15° 20' E.
25.00	Gulch drains N.E.
33.25	" " "
38.00	E. point of bluff.
40.00	Set granite 14×8×5 in 9 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised stone mound alongside
49.50	Gulch drains N.W.
62.50	" " N.E.
71.50	Same " N.W.
80.00	Set granite 20×8×8 in. 15 in.

Chains.
1.50
11.50
26.20
30.75
40.00
52.50
60.00

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Subdivisions T. 31 S. R. 11 E

Chains.	
	in the ground for cor. to Secs. 8. 9. 16 & 17. marked 4 Notches on S. and E. edges. and raised a stone mound alongside
	Land very broken.
	Soil 2nd rate.
	No timber.
	Mountainous on 80 chs.
	E. on random line.
	bet. Secs. 9 and 16.
	Va. 15° 20' E.
1.50	Gravelly hill 15 ft. high.
11.50	Hollow drains N.W.
26.20	Ridge bears N.W.
31.75	Hollow drains N.E.
40.00	Set temporary 1/4 Sec. Cor.
52.50	Ascend.
60.00	Ridge bears N. & S.

Subdivisions T. 30 S. R. 11 E.

Chains		Chains
63.00	Gulch drains S.W.	
66.20	Ridge bears S.W.	
67.50	Gulch drains S.E.	2.00
68.93	Ridge bears S.E.	5.00
78.50	Gulch drains N.E.	17.00
80.70	Intersect N. & S. line at Cor.	24.00
	to Secs. 9. 10. 15 & 16. from	37.00
	which I run.	40.00
	W. on true line.	
	Set Secs. 9 & 16.	
40.35	Set granite 24×12×10 in. 18 in. with same var.	
	in the ground for 1/4 Sec. Cor.	43.00
	marked 1/4 on N. face raised	78.00
	a stone mound alongside.	80.00
80.70	The cor. to Secs. 8. 9. 16 & 17.	
	Land. Very broken gravel ridges.	
	Soil. 3rd rate.	
	No timber	
	Mountainous on 80.70 chs.	

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Subdivisions T. 30 S. R. 11 E.

Chains.	
	N. bet. Secs. 8 & 9.
	Va. 15° 20' E.
2.00	Wash heads S.W. drains N.
5.00	Leave same drains N.W.
17.00	Wash drains N. E.
24.00	" " "
37.00	Bend in Gulch heads S.W. drains N.W.
40.00	Set Granite 26 x 16 x 3 in. 18 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face. and raised a stone mound alongside.
43.00	Gulch drains N.E.
79.00	Wash drains N.E.
80.00	Set Granite 20 x 8 x 4 in. 15 in. in the ground for Cor. to Secs. 4. 5. 8 & 9. marked 5 notches on S. & 4 on E. edges and raised a stone mound alongside.
	Land rolling.
	Soil 2nd rate. No timber.
	Artemisia Undergrowth on 80 chs.

Subdivisions Tp. 30 S. R. 11 E.

Chains.		Chains
	E. on random line.	
	bet. Secs. 4 & 9.	
	Va. 15° 20' E.	
1.10	Wash drains N.E.	80.40
16.50	Gulch " "	
19.50	" " "	
24.50	" " "	
37.50	Wash " "	
38.50	" " "	
40.00	Set temporary 1/4 Sec. Cor.	
45.00	Gulch drains N.E.	
72.00	Descend from bluff 25 ft. high.	
73.50	Wash drains N.E.	
77.50	" " N.W.	
80.40		36.50
	Intersect N. & S. line at Cor. to	
	Secs. 3. 4. 9 & 10 from which I run.	40.00
	N. on true line.	75.00
	bet. Secs. 4 & 9. with same var.	79.80.
40.20	Set granite. 16 x 8 x 5 in. 11 in. in the	

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Subdivisions Tp. 30 S. R. 11 E.

Chains	
	Ground for 1/4 Sec. Cor. marked 1/4 on N. face and raised a stone mound alongside.
80.40	The Cor. to Secs. 4.5.8 & 9.
	Land broken & rocky.
	Soil 2nd rate.
	No timber.
	Mountainous and Artemesia
	Undergrowth on 80.40 chs.
	Non random line.
	bet. Secs. 4 & 5.
	Va. 15° 20' E.
36.50	Spring gulch drains N.E.
	Cottonwoods along banks.
40.00	Set temporary 1/4 Sec. Cor.
75.00	A Spring bears E. 125 chs. dist.
79.80	Intersect N. boundary of Tp.
	70 lks. W. of Cor. to Secs. 4 & 5.

Subdivisions Tp. 30 S. R. 11 E.

Chains.		Chains.
	recently set by me. from which I run,	36.50
	S 0° 30' W. on true line.	40.00
	to Secs. 4 & 5. with same var.	
39.80	Set granite 14 x 10 x 6 in. 9 in. in the ground. for 1/4 Sec. Cor.	60.75
	marked 1/4 on W. face & raised	75.00
	a mound of stone alongside.	80.00
79.80	The Cor. to Secs. 4. 5. 8 & 9.	
	Land rolling.	
	Soil. 1st rate.	
	No timber	
	Artemesia Undergrowth on 79.80 chs.	
	Jany 12, 1883.	
	From the Cor. to Secs. 17. 18. 19 & 20. I run.	
	N. to Secs 17 & 18.	
	Va. 15° 20' E.	
12.50	Creek draws W.	

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Subdivisions Th. 30 S. R. 11 E.

Chains	
36.50	Trail bears N.W. & S.E.
40.00	Set granite 14×8×3 in. 9 in. in the ground for ¼ Sec. Cor. marked ¼ on W. face and raised a stone mound alongside.
60.75	Trail bears N.E. & S.W.
75.00	Ridge 175 ft. high bears N.E. & S.W.
80.00	Set granite 20×12×3 in. 15 in. in the ground for Cor. to Secs. 7.8.17 & 18. marked 4 notches on S. & 5 on E. edges. and raised a stone mound alongside.

Land rolling.

Soil pt. rate.

Timber - a few cedar.

Artemesia Undergrowth on 80 chs.

Subdivisions T. 30 S. R. 11 E.

Chains.		Chains.
	Cor random line bet Secs. 8 & 17.	
	Va. 15° 20' E.	
2.50	Ridge bears N.E. & S.W.	80.30
13.50	Trail bears N.E. & S.W.	
15.50	Wash drains N.E.	
40.00	Set temporary 1/4 Sec. Cor.	
50.50	S.W. end of low, rocky hill, with some scrub cedar on it.	
58.00	Wash drains N.E.	
68.75	" " "	
70.50	" " N.W.	
74.00	Top of pink clay Hill 40 ft. high.	
78.00	Wash drains N.E.	4.75
80.30	Intersect N. & S. line at Cor.	7.50
	to Secs. 8, 9, 16 & 17. from which	11.50
	Iron	18.00
	M. on true line.	
	Set Secs. 8 & 17.	24.50
40.15	Set granite 15x6x6 in. 10 in. in the ground for 1/4 Sec. Cor. with same var.	27.50
		31.50

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Subdivisions Tp. 30. S. R. 11 E.

Chains.	
	marked ¼ on N. face, and raised a stone mound alongside.
80.30	The Cor. to Secs. 7. 8. 17. & 18.
	Land broken & rolling.
	Timber a few scattering cedar on E. ½.
	Artemesia Undergrowth on 80.30 chs.
	W. on random line.
	bet. Secs. 7. & 18.
	Va. 15° 30' E.
4.75	Gulch drains N.
7.50	N. spur of ridge 40 ft. high.
11.50	Enter spring Gulch.
18.00	Spring branch 8 lks. wide. 6 in. deep. runs N. Cottonwoods on banks.
24.50	Wash drains N.E.
27.50.	Ascend.
31.50	Clay ridge bears N. & S.

Subdivision T. 3 S. R. 11 E.

Chains.		Chains.
34.50	Creek trains N.	
40.00	Set temporary 1/4 Sec. Cor.	
41.00	Creek trains N.	3.00
45.00	Sharp ridge 50 ft. high. trend N. & S.	14.50
49.00	Creek trains N.	40.00
78.50	" " N. E.	
79.76.	Intersect W. boundary of Tp. 24 lks. N. of cor. to Secs. 7 & 18.	
	from which Drum	43.50
	N. 89° 49' E. on true line	68.50.
	Art. Secs. 7 & 18 with same var.	73.50
39.76.	Set granite, 14x8x6 in. 9 in. in the ground. for 1/4 Sec. Cor. marked 1/4 on N. face and raised a stone mound alongside.	80.00
79.76	The cor. to Secs. 7.8.17 & 18.	
	Land very broken	
	Soil 3rd rate & 1st rate.	
	Timber a few Cottonwoods.	
	Mountainous & Artemisia Undergrowth on 79.76 chs.	

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Subdivisions T. 30. S. R. 11 E.

Chains.	N. bet. Secs. 7. & 8. Va. 15° 30' E.
3.00	Enter lower ground.
r S. 14.50	Weit. end of spur ridge. 40 ft. high.
40.00	Set Sandstone 14 x 12 x 5 in. 9 in. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face. and raised a stone mound alongside.
43.50	Wash drains N.W.
68.50.	" " "
73.50	" " "
the 80.00	Set granite. 20 x 8 x 4 in. 15 in in the ground for cor. to Secs. 5.6.7 & 8. marked 5 notches on S. & E. edges. and raised a stone mound alongside.
d	Land rolling plateau
	Soil pl. rate.
	No timber.
	Artemesia Undergrowth on 88 chs.
Mchs.	

Subdivision Tp. 30. S. R. 11 E

Chains.		Chains.
	E. on random line.	
	bet. Secs. 5 & 8.	
	Va. 15° 20' E.	
33.50	Wash drains N. W.	6.00
40.00	Set temporary 1/4 Sec. Cor.	10.00
80.00	Intersect N. & S. line 22 chs.	15.00
	N. of Cor. to Secs. 4. 5. 8 & 9. from	
	which. Drew.	23.50
	N. 89° 51' W. on true line	40.00
	bet. Secs. 5 & 8.	47.75
	with same var.	
40.00	Set granite 16 x 10 x 5 in. 11 in. in the	51.00
	Ground for 1/4 Sec. Cor. marked 1/4	57.50
	on N. face and raised a	65.50
	stone mound along side.	73.50
80.00	The Cor. to Secs. 5. 6. 7. & 8.	79.80
	Land gently rolling	
	Soil 1st rate.	
	No timber	
	Artemesia Undergrowth on 80. Chs.	

Subdivisions Th. 30 S. R. 11 E.

Chains.	
	W. on random line.
	bet. Secs. 6 & 7.
	Va. 15° 20' E.
6.00	Wash drains N. W.
10.00	" " "
15.00	" in Spring Gulch drains N.
	Cottonwoods along Banks.
23.50	Wash in Spring gulch drains N.E.
40.00	Set temporary 1/4 Sec. Cor.
47.75	Wash drains N.
51.00	N. E. end of ridge 40 ft. high.
57.50	Wash heads S.W. drains N.W.
65.50	" drains N.
73.50	Ridge bears N.E. & S.W.
79.80	Intersect W. boundary of Th.
	32 lks. S. of Cor. to Secs. 6 & 7.
	recently set by me from which
	I run S 89° 46' E
	on true line.
	bet. Secs. 6 & 7 with same cor.

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Subdivisions Tp. 30 S. R. 11 E.

Chains	
39.80	Set granite 20x12x4 in. 15 in. in the ground for 1/4 Sec. Cor. marked 1/4 on N. face and raised a stone mound alongside.
79.80	The Cor. to Secs. 5.6.7. & 8.
	Land rolling.
	Soil 1st rate.
	Timber a few Cottonwoods.
	Artemisia Undergrowth on 79.80 chs.
	N. Set Secs. 5 & 6.
	Var. 15° 20' E.
37.75	Gulch drains N.W.
40.00	Set temporary 1/4 Sec. Cor.
79.50	Intersect N. boundary of Tp. 73 lks. W. of cor. to Secs. 5 & 6. recently set by me from which Trees.
	S 0° 31' W. on true line.

Chains	
39.50	
79.50	

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Subdivisions Tp. 3s S. R. 11 E.

Chains	
	Set Secs. 5 & 6 with pam. var.
39.50	Set granite 14x8x5 in. qui. in the ground for 1/4 Sec. Cor. marked 1/4 on W. face and raised a stone mound along side.
79.50	The cor. to Secs. 5.6.7 & 8.
	Land - gently rolling.
	Soil. 1st rate.
	Timber - a few Cottonwoods.
	Dense Artemisia undergrowth on 79.50 chs.
	Jany 13. 1883.

General Description

The surveyed part of this Township embraces some good land on the N. slope and foothills of the Henry Mountains and the greater part can be farmed without

irrigation. There are numerous springs breaking out in the various washes at intervals, forming a plentiful supply of water.

There are good coal croppings in Sec. 17 & 18.

A settlement has lately been started in Sec. 7.

A. D. Ferrow.
U. S. Deputy Surveyor.

BOOK-A-189

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, June 9th 1883.

The foregoing field notes of the survey of the

fractional
Subdivision lines

Township No 30 South *Range No* 11 East

of the Salt Lake Meridian, Utah Territory,

Executed by Augustus D. Ferron

Under his *contract No* 110

of the 29. *day of* August 1882

in the month of January 1883,

having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.

Frd Salomon

U. S. Surveyor General for Utah.

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REPORT: 1883

Filed 1882

Examined by

Transcribed by J. K. Stevenson

Compared by Edward Michaelis & J. K. Stevenson

FIELD NOTES

OF THE SURVEY OF THE

4th Standard Lists

OF

Township No. 20 South

Range No. 1 & 2 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Henry Fitzhugh

U. S. Deputy Surveyor,

Under his Contract No. 109

Dated July 24th 1882

Survey commenced September 25th 1882

Survey completed September 25th 1882

1882-5

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Township 20 S. R. 1 W.

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

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NAMES AND DUTIES OF ASSISTANTS:

Otto E. Solomon ..... Compassman.
Stephen M. Farnsworth Chainman.
David B. Farnsworth ..... Chainman.
Martin L. Anderson ..... Chainman.
George Willden ..... Chainman.
Charles W. Roberts ..... Axeman.
Orson Allred ..... Axeman.
Joseph Hadden ..... Flagman.
Marion W. Scott his × mark axeman

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4th Standard South R. 1 W.

Rains

Survey commenced Sept. 25th 1882, with a Burt's improved Solar compass,

Note:

As stated in the notes at the closing cor. to Tp. 21 S. R 1 & 2 W. that I had run a blank line to determine the closing on the 4th standard South, I now find it necessary to run a true line N & S, set the standard corners and make the true connection with the standard cor. to secs. 33 & 34, T. 20 S. R. 2 W. which was the only

4th Standard Parallel South in A

chains	
	Old cor. found in running the blank line. Therefore from the closing cor. to T. 21 S. R. 1 & 2 W. Which is a Shale rock 24 x 9 x 3 ins, with stone mound Drum West along south side Sec. 33. Var. 16° 30' E.
2.60	Deep Gulch drains SE.
5.60	Leave " " "
18.60	Set a Shale stone 14 x 12 x 12 ins. 10 ins. in the ground for standard 1/4 sec. cor. marked 1/4 on N. face with S.C. & raised mound of stone alongside.
28.60	Gulch drains NW.

45.40
55.10
58.60

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in R. 1 W. S.L.M.

Alng N. slope to
45.40 Gulch drains N.
55.10 Redgo bears N.75.
58.60 Set a Limestone 17x8x7 ins
11 ins. in the ground for
standard cor. to Secs. 32 &
33, marked S.C. with 4
notches on E, and 2
on W. Edges, & raised a
mound of stone along
side.
Land Mountainous;
Soil 2d rate.
Cedar & piñon.
on 58,60 Chains

"

West alng S. side
Sec. 32.
Var. 16°30' E.

4th Standard Parallel South

chains	First alng S. side sec. 32. Var. 16°30' E.
8.20	Gulch drains N. 10 chs.
	Thence E.
19.00	Ridge bears N. & S.
35.50	Gulch drains SW.
40.00	Set Limestone 15×8×5 ins. 10 ins. in the ground for standard 1/4 sec. cor. Marked S.C. with 1/4 on N. face & raised a mound of stone alng side.
45.25	Gulch drains S.
48.50	Ridge bears N. & S.
52.00	Gulch drains S.
71.75	High ridge bears N. & S.
79.75	Gulch drains SW.
80.00	Set Sandstone 24×20×10 ins

chains
5.50
16.00
31.00
7.00
0.00

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2) in R. 1 W. S. L. C. M.

chains 18 lks. in the ground for standard cor. to secs. 31 & 32, marked S.C. with 5 notches on E. & 1 on W. edges & raised a mound of stone alongside.
Land mountainous
Soil 2d rate.
Cedar & Piñon.
on 80 chains

West along S. side Sec. 31.
Var. 16°30' E.

5.50 S. point of ridge.
16.00 Gulch drains SW.
31.00 Gulch " "
7.00 Ridge bears NE. & SW.
0.00 On W. slope of cedar ridge

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4th Standard Parallel Line

chains where I mark a stationary Sandstone 3×2×2 ft. above ground for standard 1/4 sec. cor. marked S.C. with 1/4 on N. face & raised a mound of stone alongside.

47.50 Gully drains S.

55.50 " " S.

65.00 " " "

77.00 " " "

78.50 Gulch " SW.

80.00 In hollow drains S. Set a Sandstone 26×18×4 ins. 18 ins. in the ground for standard cor. to Tps 20 S.R. 1 & 2 W. Marked 6 notches on N. E & W. faces, with S.C. & raised mound of

1.40

.00

.00

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Lonch R.1 W. S.L.M.

Stone alongside.
Land Mountainous,
Soil 2d rate - rocky.
Cedar & Piñon. on socks.

— " —

In Range 2 West.

West along S. Side
Sec. 36
Var. 16°30' E.

Ascend
1.40 On Ridge bears N. & S.
Descend.
.00 Leave timber & enter brush
& Valley, N. & S.
.00 set Sandstone 14 x 6 x 4
ins. 10 ins. in the
ground for standard

4th Standard Parallel

chains		chains	
	1/4 Sec. cor. marked S.C. with 1/4 on N. face, & raised mound of stone alongside.		
		25.00	R
80.00	This is the last end of the old survey - finding no cor. I set a Sandstone 24x8x6 ins. 18 ins. in the ground for standard cor. to Secs. 35 & 36. marked S.C. with 1 notch on E & 5 on W. Edges & raised a mound of stone along side.	38.00	R
		40.00	F
	Land Mountains & Valley Soil 1st & 2d rate.	80.00	
	Cedar & Pine on E. 35 chs. Dense Artemisia under growth on 45 chs.		

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3) Range 2 W. S.L.M.

Chains	
	West on re=survey line along S. side Sec. 35 Var. 16°30' E.
25.00	Ridge bears N.W.
38.00	Road bears N.W. & S.E.
40.00	Found old stone disp=laced; I re=set same viz: a Sandstone 18x14x4 ins. 12 ins. in the ground for re=established Standard 1/4 Sec. cor. marked S.C. with 1/4 on N face & raised a mound of stone alongside.
80.00	Found old stone thrown over. I re=set same viz: a Sandstone 18x12x4 ins, 12 ins. in the ground for re=established

Re-survey of part of
4th Standard Parallel S.

chains	Standard cor. to secs. 34 & 35, marked 2 notches on E. & 4 on W. Edges with S.C. & raised mounds of stone alongside. Land mostly Valley Soil 1st & 2nd rate. Dense artemisia under growth. no echo. No timber.	40.00
		54.75
		80.00
	Mst on re-survey line along S. side Sec. 34 Var. 16°30' E.	
5.00	Road bears N.W. & S.E.	
18.00	Wash draws N.	
19.30	Road bears N. & S.	
35.00	Pharas Creek 4 links	

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of the
in R. 3 W. S. L. M.

	wide ~~bears~~ runs N.W.
40.00	No trace of old 1/4 Cor. Set a Sandstone 12×8×6 ins. 8 ins. in the ground for re-established standard 1/4 sec. cor. marked S.C. with 1/4 on N. face & raised a mound of stone along side.
54.75	Rock Creek 6 lks. wide runs NE.
80.00	Find old stone standing: Viz: a Sandstone 18×8×5 ins. properly marked for the standard cor. to secs. 33 & 34; to which I added a stone mound along side. Land level Valley

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4th " Standard S. in

chains	Soil 1st rate.	71.80
	Dense artemisia &	
	Rabbit brush undergrowth	72.40
	on 80 chs.	76.40
	— End of Re-survey. —	79.90
		80.00

West along S. side Sec. 33
Var. 16° 30' E.

9.00 Road bears N.W.S.
13.00 " " S.E. & N.W.
21.40 Set a temp. closing cor. to T. 21 S. R. 2 & 3 W. from which W. J. Peck's house bears N. 11° 10' W. 56.00 chains. Granary 40 links S. of house; stable N.E. of house about 150 links. The field is situated as shown on the map.

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71,80 Branch of Maple Grove Creek
6 links wide runs N.
72.40 Second branch of same 5 lks. wide, N.
76.40 Third " " " 4 " " "
79,90 Maple Grove Creek 10 lks. wide
runs N.
80,00 Set Sandstone 15 x 9 x 6 ins.
10 ins. in the ground for
standard cor. to secs. 32
& 33, marked S.C. with
4 notches on E & 2 on W.
Edges & raised mound
of stone alongside.
Land level, bottom & bench.
Soil 1st rate.
Dense oak & sage brush on sides
No timber.
Sept. 25th 1882

180

For general description
see end of subdivision
notes of T. 20 & 21 S. R.
2 W.

Amos Fitzhugh
U.S. Dep. Surv.

U. S. SUR

Salt

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4th

Township

Executed

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, December 20th 1882

The foregoing field notes of the survey of the ...

4th Standard South

Township No ..... *Range No* 3 & 2 West

Executed by Henry Fitzhugh

Under his *contract of the* 28th

day of July 1882 *in the month of* September 1882, *having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.*

Frdp Salomon

U. S. Surveyor General for Utah.

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Survey commenced March 15. 1883 with a Burt's improved Solar Compass

In accordance with instructions contained in the Hon: Comr's letter "M" of March 21. 1883 in the matter of the connection on the 4th Standard Parallel South between the closing Cor. to Tp. 21 S. Rs. 1 & 2 W. established by me under Contract No. 109 dated July 26. 1882, and the Standard Cor. to Tps. 20 & 21 S. on the Salt Lake Meridian re-established

Blank line bet. T. 20 & 21 S. R. 1 W. Run as per Comr's

by Deputy A. D. Ferron in 1878.

Note:

Before making this connection I test my compass on the Salt Lake Meridian by sighting along the same and find its bearing to be 1° 41' to the left as before reported.

From the Cor. to Tps. 20 & 21 S. on the Salt Lake Meridian which is a White Sand Stone 16 x 8 x 8 ins. firmly set in the ground with a mound of Stone along side.

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...ur a/ser Comr's letter "M" of Mch. 21: 1883.

I run
West on a true line
bet said townships
the variation of my
compass being 16° E.
and at 6 miles and
50 links I intersect the
township line on E.
boundary of Tp. 21 S.
R. 2 W. at a point
35 chains and 40 links
South of the Closing Cor.
to Tp. 21 S. Rs. 1 & 2 W.
There being no trace of
any of Deputy Mogo's
Sec corners

Henry Fitzhugh
U.S. Dep. Surveyor.

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U. S. Surveyor Generals Office
Salt Lake City, Utah
March 30th 1883

Approved.

Frdk Salomon
U. S. Surveyor General

BOO

5

REPORT.

Filed

Examined

Transcribe

Compared

OF

East

Township

Range N

S.

Unc

Dated

Survey

Survey

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REPORT: 1883

Filed [illegible] 1882

Examined by John H. Campbell

Transcribed by Benj. R. Stevenson

Compared by F. Dutton & B. R. Stevenson

FIELD NOTES

OF THE SURVEY OF THE

East and re-survey of the North boundaries

OF

Township No 20 South

Range No 2 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Henry Fitzhugh

U. S. Deputy Surveyor,

Under his Contract No. 109

Dated July 28th 1882

Survey commenced September 29th 1882

Survey completed September 29th 1882

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NAMES AND DUTIES OF ASSISTANTS:

Ott E. Salyman ..... Compassman.

Steven M. Farnsworth ..... Chainman.

David B. Farnsworth ..... Chainman.

Martin L. Andersen ..... Chainman.

George Willden ..... Chainman.

Charles W. Roberts ..... Axeman.

Orson Allred ..... Axeman.

Joseph Hadden ..... Flagman.

Marion W. Scott. his mark axeman

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East Boundary T. 20 S. R. 2 W.

Survey commenced Sept. 29th 1882, with a Burt's improved solar compass which I tested by an observation on the North star, and found it correct.

From the standard cor. to secs. T. 20 S. R. 1 & 2 W. which is a Sandstone 20×18×4 ins. with stone mound, in hollow draining S. I run

North bet. Secs. 31 & 36
Var. 16° 30' E.

5.00 Leave hollow heads N
17.00 Gulch drains SW.
10.00 Set Limestone 20×20×4 ins. 14 ins. in the ground for 1/4 Sec. Cor. marked 1/4 on W.

East boundary T. 20 S. R. 2

chains		chains
	face, and raised a mound of stone alongside, from which	2.50
	A Piñon 8 ins. dia. bears E. 6 lks. dist, marked 1/4 S. B. T.	20.00
50.00	Ravine drains S.W.	40.00
80.00	Set Sandstone 18 x 11 x 10 ins. 12 ins. in the ground for cor. to secs. 25. 30. 31 & 36, marked 5 notches on N. & 1 on S. Edges, & raised a mound of stones alongside.	50.00
	Land mountainous, soil 3" rate rocky - Timber cedar & piñon on 80 chs.	80.00

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R. 2 W. S. L. M.

Chains	
	North bet. Secs. 25 & 30 Var. 16°30' E.
2.50	Ridge bears SW & NE.
20.00	Gulch drains SW.
40.00	On Ridge bears SW & NE
	Set Limestone 25 x 11 x 4 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, and raised mound of stone alongside.
50.00	Gulch drains SW.
80.00	Set Limestone 20 x 11 x 8 ins. 14 ins. in the ground for 1/4 cor. to secs. 19, 24, 25 & 30. Marked 4 notches on N. & 2 on S. Edge & raised mound of stone alongside.
	Land mountainous Soil 3rd rate. Rocky.

East Boundary T. 20 S. R.

Chains	Timber Cedar & Piñon. on 80 chs.
	North bet. secs. 19 & 24 Var. 16°30' E.
10.00	Ridge bears SW & NE.
17.00	Head of Gulch drains SW.
40.00	set Limestone 17 x 12 x 10 ins 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised a mound of stone along side.
47.00	Ridge bears NE & SW.
59.00	Gulch drains SW.
80.00	set Limestone 20 x 15 x 10 ins. 14 ins. in the ground for cor. to secs.

2) BOOK

2 W

Chains	
	13.
	3.
	&
	2.
	2
	T
24.10	
40.00	O
	S
42.00	

2) 2 W. S. L. M.

Chains	13. 18. 19 & 24, marked 3 notches on N. & S. Edges & raised mound of stone alongside. Land mountainous, soil 2d rate, Timber Cedar & pine. on 80 chs.
	North bet. Secs. 13 & 18. Var. 16°30' E.
24.10	Gulch drains SW.
40.00	On S. Slope - set Sandstone 12 x 12 x 7 ins. 8 ins in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised mound of stone alongside.
42.00	Ridge bears SW & NE

East Boundary T. 20 S.

55.06 Gulch drains S.W.
80.00 Set Sandstone 18×9×9 ins. 12 ins. in the ground for cor. to secs. 7, 12, 13 & 18, Marked 2 notches on N. & 4 on S. Edges, & raised a mound of stone alongside.
Land mountainous soil 2d rate.
Timber cedar & pine.
on 80 chs.

North bet. secs. 7 & 12
Var. 16°30' E.
35.00 Ridge bears N.W. & S.E.
40.00 Set Sandstone 16×10×7 ins. 10 ins. in the ground for ¼ sec. cor. Marked

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S. R. 2 W. S. L. M.

1/4 m W. face & raised mound of stone along side.

80.00 Set sandstone 14x10x6 ins. 10 ins. in the ground for cor. to secs. 1. 6. 7 & 12 Marked 1 Notch on N. & 5 on S. Edges, & raised mound of stone along side.

Land mountainous
Soil 2d rate,
Cedar & pine
on 80 chs.

"

Arch bet. Secs. 1 & 6
Var. 16° 30' E.

35.15 Gulch drains NW.

40.00 Set Sandstone 12x12

East Boundary Tp. 20 S. R. 2 W.

chains	
	10 ins. 8 ins. in the ground for ¼ sec. cor. marked ¼ on W. face, & raised a mound of stone alongside
55.50	Ridge bears N.W. & S.E. Leave timber
80.00	Set Sandstone 27 x 16 x 9 ins 18 ins. in the ground for cor. to Tps. 19 & 20 S. R. 1 & 2 W. marked 6 notches on N.E. S. & W. edges & raised a mound of stone alongside.
	Land mountainous soil 2d rate.
	Timber Cedar & Piñon on 55.50 chains.

n

3) S

North

chains
20.00
40.00
47.00
50.00
55.00
80.00

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3) Survey & Re-survey of the North boundary T. 20 S. R. 2 W.

Chains	
	From the cor. to Sep 5. 19 & 20 S. R. 1 & 2 W. just set, I run, through brush, West bet. secs. 1 & 36 Var. 16°30' E.
20.00	Ridge bears N.W. & S.E.
40.00	set Sandstone 20 x 20 x 6 ins. 14 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. face & raised mound of stone along side.
47.00	Gulch drains N.W.
50.00	Ridge bears N.W. & S.E.
55.00	Foot of " " " " "
80.00	Not finding the old stone; I set a Sand-stone 19 x 12 x 8 ins. 18 ins, in the ground for

Re-survey of North Boundary

chains	re-established cor. to secs. 1, 2, 35 & 36, marked 1 notch on E. & 5 on W. edges & raised a mound of stones alongside,	
	Land level & mountainous on major part. Soil 2 & 1st rate. No timber. Dense intermixed under growth on 8 chs.	40.00
	"	51.50
	Note: Having run a blank line West I find none of the old corners & therefore find it	60.50

Clay T. 20 S. R. 2 W. S.L.M.

necessary to re-survey
the same —
Met on re-survey
line bet. Secs. 2 & 35
Var. 16° 30' E.
In brush.
40.00 Set sandstone 12x4x4
ins. 8 ins. in the ground
for re-established 1/4 Sec.
cor. marked 1/4 on N. face
& raised mound of
stone alongside. The
old 1/4 stone not found.
Legal Disp.
51.50 Point of old meander
cor, which cor. I do
not find, and as the
Lake has receded I
continue on Met to
60.50 Intersect East Margin
of the lake, where set

Re-[redacted]urvey 197

North Boundary T. 20 S. R. 2 W.

4)

chains	a limestone 15 x 15 x 15 ins. 14 ins. in the ground marked M.C. for meander cor. to fractional secs. 2 & 35. & raised mound of stone alongside.	chains
80.00	The cor. falling in the lake is not set. Land nearly level. Soil 1st rate. Dense artemisia under growth on 51.50 chains. No timber.	

I now cause a flag to be set on W. margin of the lake in line West of the above described meander cor. from which meander cor. I run a base North, of

BOOK-A-189 200

chains 44.95 chs. from which point the flag bears S 45° W. making the distance across the lake 44.95 chs;
I go to the flag on the West side of the Lake, and not finding the old meander cor. I re-establish the same by setting a Sand-stone 20×10×10 ins. 14 ins. in the ground for meander cor. to fractional secs. 3 & 34 marked M.C. & raised a mound of stone alongside, being 25.75 chains N. of the point cor. to secs. 2. 3. 34 & 35, in the lake.

Re-Survey of North Boundary

Chains	
	West on Re-Survey line bet. Secs. 3 & 34
	Var. 16°30' E.
25.45	The meander cor. above set and described
33.25	Road bears N 75 W. Enter brush
40.00	Meander cor. not found —
	Set Sandstone 20x12x6 ins. 14 ins. in the ground for re-established 1/4 sec. cor. marked 1/4 on N. face & raised a mound of stone along side.
80.00	Old cor. not found — Set a Quartzite stone 17x9x7 ins. 11 ins. in the ground for Re-established cor. to secs. 3, 4, 33 & 34, marked 3 notches on E. & N. Edges & raised a

day T 20 S. R 2 W. S. L. M.

mound of stone along side.

Land nearly level

Soil 1st rate.

Dense Artemisia under-growth on ~~[illegible]~~ 46.75 Chains

No timber.

(Leave the old survey)

Note: I think the reason why these corners are all missing, they have been taken away to use in the construction of the Dam at the N. End of the lake.

North boundary T. 20 S. R. 2 W. (5)

Chains

West on the line
bet. secs. 4 & 33
Var. 16°30' E.

In brush.

40.00 Set Sandstone 15 x 8 x 7, ins. 10 ins. in the ground, for 1/4 sec. cor. marked 1/4 on N. face & raised a mound of stone along side.

62.50 At E. foot of Mountain & ledge of rock 20 ft. high set a Sandstone 15 x 10 x 8 ins, 10 ins. in the ground for witness cor. to secs. 4, 5, 32 & 33, marked W. C. with 4 notches on E & 2 on W edge & raised mound of stone along side.

The cor. falling on steep mountain is not set.
Land mostly level.
Soil 1st & 2d rate.
Dense artemesia underground
No timber.
Sept. 29th 1882

"

For General Description see end of Subdivision notes of this township.

E.H.H. Henry Fitzhugh
U. S. Dep. Sur.

"

Missing Page

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Dec. 20th 1882

The foregoing field notes of the survey of the East and the re-survey of the North boundaries

Township No. 20 South *Range No.* 2 West

of the Salt Lake Meridian, Utah Territory,

Executed by Henry Fitzhugh

Under his *contract No.* 907

of the 26th *day of* July *188*2,

the month of September *188*2,

having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby aproved.

Frdk Salomon

U. S. Surveyor General for Utah.

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14

REPORT: 1883.

Filed [illegible] 1882

Examined by John H. Campe

Transcribed by B. R. Stevenson

Compared by Benj. R. Stevenson & F. Linton

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions

OF

Township No 20 South,

Range No 2 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Henry Fitzhugh

U. S. Deputy Surveyor,

Under his Contract No. 109

Dated July 26th 1882

Survey commenced September 30th 1882

Survey completed October 2d 18

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Township 20 S. **R.** 2 West

				203		201		198		196	
6		5	264	4		3		2	226	1	194
				263						225	
7		8	262	9	248	10		11	223	12	193
				260		246				222	
18		17	259	16	244	15		14	220	13	192
				258		243		233		219	
19		20	256	21	242	22		23	217	24	191
				255		240		232		215	
30		29	253	28	239	27		26	213	25	190
				252				230		211	
31		32	250	33	236	34	228	35	209	36	188
				178		176		175		173	

NAMES AND DUTIES OF ASSISTANTS:

Otto E. Salmonge ..... Compassman.
Stephen M. Farnsworth ..... Chainman.
David B. Farnsworth ..... Chainman.
Martin L. Anderson ..... Chainman.
George Villdere ..... Chainman.
Charles W. Roberts ..... Axeman.
Oscar Allred ..... Axeman.
Joseph Hadden ..... Flagman.
Marion W. Scott his mark ..... Flagman.

40.00

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Subdivision T. 20 S. R. 2 W.

Survey commenced Sept. 30th 1882, with a Burt's improved solar compass, which I tested by an observation on the North star, and found it in adjustment.

From the standard cor. to secs. 35 & 36 on the south boundary of the Township, which is a Sandstone 24 x 8 x 6 ins. with stone mound reset by me, I run North bet. secs. 35 & 36

Var. 16° 30' E.

Through brush.

40.00 set sandstone 20 x 17 x 10 ins. 14 ins. in the ground for 1/4 sec. cor. marked

Subdivisions T 20 S. R.

chains	
	1/4 on W. face & raised a mound of stone along side
80.00	Set Sandstone 20 x 20 x 10 ins 14 ins. in the ground for cor. to secs. 25. 26. 35 & 36 marked 1 notch on E. & S. edges & raised a mound of stone alongside. Land level Valley Soil 1st rate. Dense artemesia under growth on 80 cts. No timber.

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2 N. S. L. M.

Chains	
	East on random line bet. Secs. 25 & 36 Var. 16° 30' E.
9.00	Foot of mountains; enter cedar
44.00	set temp. 1/4 sec. cor.
70.00	Ridge bears SW & NE.
75.00	Gulch drains SW.
79.92	Intersect East boundary of the Tp. at the cor. to Secs. 25 & 36, which is a sandstone 18 x 11 x 10 ins, with stone mound, from which
	West on the line bet. Secs. 25 & 36
39.96	set sandstone 19 x 17 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face & raised a mound of stone alongside, from

chains	which
	A Piñon gins. dia. brs. N. 16° W. 15 lks,
	A Cedar 14" " " S. 11° E. 7"
	Both trees marked 1/4 S. B. T.
79.92	The cor. to secs. 25, 26, 35 & 36,
	Land mostly mountain=
	ous.
	Soil 2d & 1st rate.
	Timber Cedar & Piñon.
	on 70.92 chains
	Undergrowth in balance
	"

BOO

chains
6.00
32.00
35.00
40.00
55.50
64.00
67.00
73.50
98.00
8.00

Chains	North bet. Secs. 25 & 26
	Var. 16°30' E.
	through brush.
6.00	Wash drains N.W.
32.00	Wash " "
35.00	Enter cedars-leave brush.
40.00	Set Sandstone 17 x 15 x 10 ins.
	11 ins. in the ground for
	1/4 sec. cor. marked 1/4 on W.
	face & from which
	Cedar 6 ins. dia. brs. N 10° E. 21 lks.
	" " 8 " " " N. 15° W. 9 "
	Both trees marked 1/4 S. B.T.
55.50	Gulch drains N.
64.00	" " "
67.00	" " "
73.50	" " "
78.00	" " "
80.00	Sandstone boulder 4 x 4 x
	4 feet above ground for

chains		chains
	Cor. to secs. 23. 24, 25 & 26	
	marked 1 notch on E &	
	2 on S. Edges & raised	
	a mound of stone along	6.00
	side, from which	15.00
	A cedar 10 ins. dia. brs. N 25° E. 16 lks.	25.00
	" Spruce 12 " " " S 31° W. 17 "	40.00
	marked with the proper	
	T. R. & sec.	63.00
	Land W. slope of	79.90
	mountains.	
	Soil 2d rate.	
	Cedar & spruce on 45 chs.	
	Dense artemisia under-	
	growth on balance.	
		39.95

Chains	
	East on random line bet. Secs. 24 & 25 Var. 16°30' E.
6.00	Gulch drains N.W.
15.00	Ridge bears N. & S.W.
25.00	Gulch drains S.W.
40.00	On Ridge bears N.W. & S.E. Set temp. 1/4 sec. cor.
63.00	Gulch drains S.W.
79.90	Intersect east boundary of the Tp. 7 miles S. of the cor. to secs. 24 & 25, which is a limestone 20 x 11 x 8 ins. with stone mound, from which S. 89°57' W. on true line bet. Secs. 24 & 25
39.95	Set sandstone 14 x 11 x 9 ins. 10 ins. in the ground for 1/4 sec. cor. marked

chains	
	1/4 on N. face & raised a mound of stone along side.
79.90	The cor. to secs. 23. 24. 25 & 26
	Land mountainous.
	Soil 2d rate.
	Cedar & piñon.
	on 80 chains
	— " —

BOO

chains

3.00
10.00
20.00
25.00
30.00
40.00

50.00
55.00
65.00
80.00

chains	North bet. Secs. 23 & 24 Var. 16°30 E.
3.00	Gulch drains N.W.
10.00	" " "
20.00	" " "
25.00	Wash " "
30.00	" " "
40.00	set Sandstone 25 X 11 X 11 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised a mound of stone alongside, from which A Pinon 6 ins. dia. brs. N 10 3/4 W. 12 lks. " " 8 " " S 47° E. 17 " Both trees marked 1/4 S.B.T.
50.00	Gulch drains N.W.
55.00	" " "
65.00	Leave timber; Enter valley and brush
80.00	set Sandstone 19 X 15 X 10 ins,

		chains
chains	12 mks. in the ground for cor. to secs. 13, 14, 23 & 24 marked / notch on E, & 3 on S. Edges & raised a mound of stone alongside.	10.00
	Land mostly mountainous.	40.00
	Soil 2d rate.	50.00
	Cedar & pine on 65 chs, balance undergrowth	80.10
	"	
		40.00

chains	
	East on random line bet. secs. 13 & 24 Var. 16°30' E.
10.00	Enter cedars and ascend Mountain Leave Valley
40.00	On ridge bears NE & SW. Set temp. 1/4 sec. cor.
50.00	Gulch drains SW.
80.10	Intersect East boundary of the township at the cor. to secs. 13 & 24, which is a limestone 20 x 15 x 10 ins. with stone mound, from which I run,
	West on true line bet. secs. 13 & 24
40.05	Set a Limestone 19 x 17 x 15 ins. 12 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. face & raised a mound of stone along side.

BOOK

80.10 The cor. to secs. 13, 14, 23 & 24
Land mostly mountainous,
soil 2d rate
cedar & pitch on 70.10
chains, balance undergrowth.

North bet. secs 13 & 14,
Var. 16°30' E.

7.00 Wash drains W.
30.50 " " "
40.00 Set sandstone 17x15x5
ins. 11 ins. in the ground
for 1/4 sec. cor. marked
1/4 on N. face & raised
mound of stone along
side.
44.50 Wash drains W.
80.00 Old stone not found,

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set a Sandstone 20 x 15 x
10 ins. 14 ins. in the
ground for re-estab-
lished cor. to secs. 11, 12,
13 & 14, marked 1 notch
on E. & 4 on S. Edges &
raised mound of stone
alongside, from which
a corral bears S.W. about
10 chs. and stack yard
joins corral on S.W.
Land nearly level.
soil 1st rate.
Dense artemisia under
growth on 80 chs.
No timber.

chains	
	East on random line bet. secs. 12 & 13 Var. 16°30' E.
15.00	Leave Valley & brush = Enter Mountain and timber.
20.00	Gulch drains N.W.
25.00	Ridge bears N.W. & S.E.
40.00	In Gulch drains N. set a temporary 1/4 sec. cor.
79.96	Intersect E. boundary of the Tp. 21 links S. of the cor. to secs. 12 & 13, which is a sandstone 18 x 9 x 9 ins and stone from which S 89°51' W. on true line bet. secs. 12 & 13
39.98	Set Limestone 25 x 17 x 10 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face & raised a mound of stone

BOOK-

chains.
79.96
15.00
23.00
40.00
80.00

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chains.	
	alongside.
79.96	The cor. to secs. 11, 12, 13 & 14.
	Land mostly mountainous.
	Soil 1st & 2d rate.
	Cedar & Pine on 65 chs.
	Balance brush
	North on re-survey line bet. secs. 11 & 12
	Var. 16°30' E.
15.00	Top of low hill.
23.00	Wash draining N.
40.00	Fail to find the old stone: Set Sandstone 18"x12"x8" ins. 12 ins. in the ground for re-established 1/4 sec. cor. marked 1/4 on N. face & raised a mound of stone alongside.
80.00	Fail to find the old stone

Chains		Chains
	Set sandstone 12+12+10 ins, 8 ins. in the ground for re-established cor. to secs. 1, 2, 11, & 12, marked 1 notch on E. & 4 on S. Edges & raised a mound of stone alongside.	40.00
		48.00
		79.94
	Land nearly level, soil 1st class, Dense artemesia under growth on sections. Timber,	39.91
		79.91

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Chains	
	East on random line bet. Secs. 1 & 12, Var. 16°30' E.
	Leave re-survey.
40.00	Set temp. 14 sec. cor.
48.00	Enter mountains & timber, and leave brush.
79.94	Intersect East boundary of the township 20 lks. S. of the cor. to secs. 1 & 12 from which S. 89°51' W. on true line bet. secs. 1 & 12
39.97	Set Sandstone 14×10×6. ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face & raised a mound of stone along side.
79.94	The cor. to secs. 1, 2, 11 & 12
	Land mountains & valley.

chains		chains
	Soil 1st & 2d rate,	
	Dense artemesia under growth on 48 chs.	40.22
	Timber cedar & pine on Balance.	
	"	
	North on a random re-survey line bet. secs. 1 & 2 Var. 16°30' E	80.22
	In brush,	
40.00	set temp. 1/4 sec. cor.	
80.22	Intersect st. boundary of the Tp. at the cor. to secs. 1 & 2, which is a sandstone 19x12x8 ins. 18 ins. in the ground, with stone mound, from which	
	South on true line	

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Chains

bet. secs. 1 & 12,

40.22 set Red Sandstone 24×8×8 ins. 18 ins. in the ground for n=established 1/4 sec. cor. Marked 1/4 on W. face, & raised a mound of stone along side, the old stone not being found.

80.22 The cor. to secs. 1, 2, 11 & 12, Land level Valley. Soil 1st rate. Dense artemisia under=growth on 80.22 chs.

— " —

chains	
	From the re-established standard cor. to secs. 34 & 35, on the south boundary of the Tp. which is a Sandstone 18×12×7 ins. with stone mound, I run, in brush, North on re survey line bet. secs. 34 & 35 Var. 16°30' E.
40.00	Fail to find the old stone — I set Sandstone 16×9×5 ins. 10 ins. in the ground for re-established 1/4 sec. cor. marked 1/4 on W face & raised a mound of stone alongside.
41.50	Road bears N.W. & S.E.
80.00	Find old stone displaced; I re-set same, to wit: a

Chains | Sandstone 16×12×9 ins.
10 ins. in the ground pr=
n= established cor. to secs.
26. 27. 34 & 35, marked 2
notches on E & 1 on S. edges
& raised a mound of stone
alongside.
Land level valley
Soil 1st rate.
Dense artemisia undergrowth.
No timber.

— " —

chains	East on random = survey line bet. Secs. 26 & 35 Var. 16°30' E.
	In brush.
40.00	Set temp. 1/4 sec. cor. old stone not found; leave m = survey -
80.00	Intersect N. & S. line at the cor. to secs. 25, 26, 35 & 36, from which West on true line bet. Secs. 26 & 35
40.00	Old stone not found - I set a sandstone 16x12x6 ins. 10 ins. in the ground for m = established 1/4 sec. cor. marked 1/4 on N. face & raised a mound of stone alongside. Thence on resurvey line to,

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80.00 The cor. to secs. 25, 26, 35 & 36.
Land nearly level.
Soil 1st rate,
Dense artemisia under
growth on 80 chs.

—"—

I now run a blank line
North 80 chs. & find the
established cor. to secs.
22, 23, 26 & 27 which is
a sandstone 18×7×6 ins,
to which I add a mound
of stones; I fail to
find the 1/4 sec. cor. bet.
secs. 23 & 26, I therefore
from the above described
sec. cor. run
East on random re-survey

chains	line bet. secs. 23 & 26
	Var. 16°30' E
	through brush.
40.00	Old stone not found = set temp 1/4 sec. cor. & leave the re = survey
75.00	Enter timber & mountains & leave brush.
80.08	Intersect N.&S. line 7 lks N. of cor. to secs. 23. 24 & 25 & 26, from which N. 89°57' W. on true line bet. secs. 23 & 26
40.04	Set Sandstone 25 x 12 x 12 ins. 18 ins. in the ground for re = Established 1/4 sec. cor. marked 1/4 on N. face & raised a mound of stone along side.
	Thence a true re = survey line
80.08	The cor. to secs. 22. 23. 26 & 27.

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Chains Land mostly level Valley
Soil 1st rate.
Dense Artemisia under
growth — 75.08 chains
Cedars on E. 5 chs.

—— " ——

From the cor. to secs.
13, 14, 23 & 24, I run
West on random line
bet. secs. 14 & 23
Var. 16°30' E.
In brush —
40.00 Find old stone displaced.
Thence on re-survey line
55.00 Leave bench.
57.20 Road bears NE & SW.
64.00 Slough 200 lks wide (Dry)
drains NE.
75.50 Road bears NE & SW.

80.00 Fail to find old cor. I set a charred post 4 ft long, 4 ins. square, 12 ins. in the ground for re-established cor. to secs. 14, 15, 22 & 23, marked with the proper T. R. & secs. with 2 notches on E & 3 on S. Edges, dug pits & raised a regulation mound of earth around post, from which

East on true re-survey line bet. secs. 14 & 23

40.00 I re-set the old stone-namely: a Sandstone 12 x 9 x 8 ins. 8 ins. in the ground for re-established 1/4 sec. cor

Marked 1/4 on N. face
& raised a mound of
stone alongside.
— Leave re-survey —
8000 The cor. to secs. 13, 14, 23 & 24,
Land Valley & Bench.
Soil 1st rate.
Dense Artemisia under
growth on 80 chs.
No timber
Sept. 30th 1882

chains

Monday Oct. 2d 1882.

Having run a bearing line bet. secs. 33 & 34 I find the 1/4 cor. & the sec. cor. stones displaced, and a large field in cultivation on the line, I therefore find it necessary to re-survey the line, re-set the corners & locate the field.

From the standard cor. to secs. 33 & 34, on the south boundary of the township I run North on re-survey line bet. secs. 33 & 34.

Var. 16°30' E.

In brush.

40.00

65.50

73.00

74.20

80.00

40.00 Find old stone displaced; I re=set same namely: a Sandstone 12×8×5 ins. 8 ins. in the ground for re=established 1/4 sec. cor. marked 1/4 on W. face & raised a mound of stone alongside, Cross fence E & W. & inter field.

65.50 Maple Grove Creek 15 lks. wide runs N.

73.00 Irie Creek 15 lks. wide runs E. junction of creeks 25 lks. E. Spring 4 chs. W.

74.20 Fence E & W. leave field and enter brush.

80.00 Road on N. side of fence E & W.

80.00 Find old cor. stone displaced I re=set same= namely: a Sandstone 19×8 ×7 ins. 12 ins. in the

chains		Chains
	ground for re-established cor. to secs. 27, 28, 33 & 34 marked 3 notches on E. & 1 on S. Edges & raised a mound of stone alongside, from which James Ivie's house bears S. 5° E. about 5 chs. A cabin S.W. about 9 chs. A stable just N. of the cabin. Land level valley & field, soil 1st rate. Dense artemesia under growth on 45.80 chs. No timber. Leave re-survey -	4000 51.60 8000

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Chains	
	North bet. secs. 27 & 28, (the line east having been run heretofore) – Var. 16°30' E.
40.00	set sandstone 12×11×10 ins. 8 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised a mound of stone along side.
51.60	Main Road bears N.E. & S.W.
80.00	set a sandstone 15×10×10 ins. 10 ins. in the ground for cor. to secs. 21, 22, 27 & 28. marked 3 notches on E. & 2 on S. edges & raised a mound of stone along side.
	Land level valley soil 1st rate.
	Dense artemesia under-

chains	growth — on 80 chains	Chains
	No timber.	40.00
	East on random line bet. secs. 22 & 27 Var. 16°30' E.	
	In brush.	
23.00	Road bears NE & SW.	80.00
40.00	Old stone not found = I set temp. 1/4 sec. cor.	
Thence	on leave re-survey —	
43.00	Canal drains NW.	
70.00	Creek 10 lks. wide runs NE.	
74.00	Road bears NE & SW.	
80.00	Intersect N. & S. line at the cor. to secs. 22. 23. 26 & 27, from which West on true re-survey line	

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Chains

40.00 bet. secs. 22 & 27
Old stone not found=
set a sandstone 11x11x10
ins. 7 ins. in the ground
for re=established 1/4
sec. cor. marked 1/4 on
N. face & raised a
mound of stone along
side. [illegible]

80.00 The cor. to secs. 21, 22, 27 & 28,
Land level valley.
Soil 1st rate.
Dense Artemisia under=
growth on 80 chains
No timber.

chains	North bet. Secs. 21 & 22 Var. 16°30' E.
	In brush -
40.00	set Sandstone 17 x 12 x 10 ins. 11 ins. in the ground for 1/4 sec. cor. Marked 1/4 on W. face & raised mound of stone along side.
80.00	set Sandstone 12 x 12 x 12 ins. 8 ins. in the ground for cor. to secs. 15. 16. 21 & 22 Marked 3 notches on E & South Edges & raised a mound of stone alongside.
	Land nearly level. Soil 1st rate.
	Dense artemisia under growth on 80 chains

chains
39.00
40.00
41.80
80.00
40.00

— No timber —

Chains

— " —

East on random line
bet. secs. 15 & 22.
Var. 16° 30' E.

39.00 Road bears NE. & SW.

40.00 Old stone not found - set
temp 1/4 sec. cor. ~~Lean~~ Spencer re-survey -

41.80 Canal drains NE.

80.00 Intersect N. & S. line at
the cor. to secs. 14, 15, 21 &
22, from which
West on true line bet.
secs. 15 & 22

40.00 Old cor. not found - I
set a Sandstone 14 x 11 x
5 ins. 10 ins. in the ground
for re-established 1/4 sec. cor. marked 1/4

chains	on N. face, & raised a mound of stone along side
80.00	The cor. to secs. 15. 16. 21 & 22 Land Nearly level. Soil 1st rate. Dense Artemesia under-growth on 80 chains No timber.
	—— " ——
	North bet. secs. 15 & 16. Var. 16°30' E. In brush —
40.00	Set Sand stone 12 x 12 x 10 ins. 8 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised

a mound of stone along side.

8000 Find old stone lying loose on the ground - I re-set same, namely: a Sandstone 19 x 9 x 4 ins. 12 ins. in the ground for re-established cor. to secs. 9, 10, 15 & 16, Marked 3 notches on E. & 4 on S. Edges & raised a mound of stone along side.

Land mostly level.

Soil 1st rate.

Dense artemisia under growth on rocks

No timber

Chains	
	By examination I fail to find the old 1/4 sec. cor. bet. Secs. 10 & 15, I therefore run East on random as a survey line bet. Secs. 10 & 15. Var. 16°30' E. by my compass.
27.60	Road bears N.W. & S.E.
40.00	Old stone not found - set a temp. 1/4 sec. cor. from which a spring bears S. 78° E. 1 ch. distant.
	N.W. cor. of field bears S. 27° W. about 18. chains. Corrall South about 18 chs.
50.00	Irrigation canal runs N.W.
79.85	Intersect N. & S. line

39.92

79.85

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16 links S. of the cor. to
sec. 10, 11, 14 & 15, from
which
S. 89° 53' W. on true re-survey
line bet. Secs. 10 & 15
39.92 1/2 Old stone not found = set
a sandstone 20x20x4 ins.
14 ins. in the ground
for re-established 1/4 sec.
cor. marked 1/4 on N. face
& raised a mound of
stone alongside
79.85 The cor. to secs. 9, 10, 15 & 16.
Land level.
Soil of shale.
Dense ~~at~~ artemisia under
growth — on 80 chains
No timber.

Chains	Having run a blank line North, I fail to find the 1/4 sec. cor. bet. secs. 9 & 10, but find the mile stone displaced, In order to re-set these corners, I find it necessary to re-survey the line,
	North bet. secs. 9 & 10.
	Var. 16°30' E.
	In brush.
40.00	Set Sandstone 17 x 8 x 5, 11½ ins. in the ground form-established 1/4 sec. cor. marked 1/4 on N. face & raised mound of stone alongside. Old stone not found.
73.00	Road bears S.W. & N.E.
80.00	Find old stone useless

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aced; I re-set Same to wit:
A sandstone 12×10×9 ins.
8 ins. in the ground for
re-established cor. to secs.
3, 4. 9 & 10. Marked 3 notches
on E. & 5 on S. Edges & raised
mound of stone alongside.
from which D. S. Dana's
Cabin bears N. 52° 15' E. 12 chs.
S.W. cor. of Corrall bears N 44°
15' E. 13.50 chs.
Land nearly level.
Soil 1st rate.
Dense Artemisia under-
growth. on 80 chains
No timber.

Chains	
	From the standard cor. to secs. 32 & 33, on the south boundary of the Tp. which is a Sandstone 15×9×6 ins. 10 ins. in the ground from which, I run,
	North bet. secs. 32 & 33
	Var. 16°30' E.
5.00	N. fork of Maple Grove creek 12 lks. wide runs N.
8.70	Branch Maple Grove creek 3 lks. wide runs N.
	Large springs West at foot of mountains, 15 chs. dist.
18.00	Gully drains E.
28.50	" " S E. Ascend.
40.00	Set Sandstone 13×8×4 ins. 9 ins. in the ground for 1/4 sec. cor. Marked

Chains
44.00
48.00
61.00
64.50
75.00
80.00

Chains	
	1/4 m N. free, and raised a mound of stone along side.
44.00	Ridge bears E & W.
48.00	Gulch drains E.
61.00	Ridge bears S E & N W.
64.50	Gulch drains E.
75.00	Ridge bears E & W.
80.00	Set Sandstone 19 x 9 x 6 ins 12 ins. in the ground for cor. to sec. 28. 29. 32 & 33. Marked 4 notches on E. & 1 on S. Edges & raised a mound of stone along side.

Land mountainous.
Soil 1st & 3d rate.
Dense oak & artemisia undergrowth. on 75 chains
A few cedars.

chains	East on random line
	bet. secs. 28 & 33.
	Var. 16°30' E.
	Along N. slope
22.50	Leave mountains &
	enter valley & brush.
40.00	set temp. 1/4 sec. cor.
70.75	Road bears N.W. & S.E.
80.10	Intersect N. & S. line
	10 lks. S. of the cor to secs.
	27, 28, 33 & 34, from which
	S. 89°56' W. on the line
	bet. secs. 28 & 33.
40.05	set hardstone 12 x 7 x 7
	ins. 8 ins. in the ground
	for 1/4 sec. cor. marked
	1/4 on N. face & raised
	a mound of stone
	along it.
80.10	The cor. to secs. 28, 29, 32 &

40.00

80.00

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33.

Land mostly valley.
Soil 1st & 2d rate.
Dense artemisia under=
growth on 57.50 chs.
No timber.

"

North bet. secs. 28 & 29.
Var. 16°30' E.
The line in place being im=
practicable on account of
the mountains, I offset
E. 17.50 chs. Thence
North on offset line
40.00 The 1/4 sec. cor. falling on the
mountain is not set.
80.00 To a point 17.50 chs. E. of
the cor. to secs. 20.21.28 & 29.

Chains.	
	Where I set a Sandstone 24 x 6 x 5 ins. 18 ins. in the ground for witness cor. to secs. 20. 21, 28 & 29. Marked W.C. with 4 notches on E. & 2 on S. Edges & raised a mound of stone along side. Land Mountainous soil 2d & 3d rate. No timber.

———, ———

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Chains	
	East on random line bet. secs. 21 & 28.
	From witness cor. 17.50 chs. E. of the true cor. point, counting the distance back, Var 16° 30' E.
24.50	Gulch drains SE.
37.50	Leave mountains; enter valley & brush.
40.00	set temp. 1/4 sec. cor.
58.00	Road bears NW & SE.
80.00	Intersect N. & S. line at the cor. to secs. 21. 22. 27 & 28, from which
	West on true line bet. secs. 21 & 28
40.00	set Sandstone 15 x 12 x 7 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face & raised a mound of stone alongside.

80.00 The cor. found to sec.
20. 21. 28 & 29.
Land N. 37.50 chs.
Mountainous.
Balance Valley.
Soil 1st & 2d rate.
Dense Artemisia under
growth on 42.50 chs.
No timber.

— " —

North bet. secs. 20 & 21
Var. 16° 30' E.
Continue North on off-
set line 17.50 chs. East
of true line;
40.00 The 1/4 sec. cor. falling on
mountain is not set.
75.00 West 17.50 to true line

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- thence North on the line
to
80.00 set Sandstone 24 x 13 x 9 ins
18 ins. in the ground for
cor. to secs. 16, 17, 20 & 21,
Marked 4 notches on E &
3 on S. Edges, & raised a
Mound of stone along
side.

Land Mountainous,
Soil 3rd rate,
No timber.

Chains	
	East on random line bet. secs. 16 & 21 Var. 16°30' E.
	In brush.
13.50	Wash drains S.E.
40.00	Set temp. 1/4 sec. cor.
79.92	Intersect N. & S. line 7 lks. N. of the cor. to secs. 15.16 21 & 22. from which N. 89°57' W. on true line bet. secs. 16 & 21.
39.96	Set sandstone 20 x 12 x 8 ins. 14 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. face & raised a mound of stone alongside.
79.92	To the cor. to secs. 16.17. 20 & 21. Land level Valley

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chains Soil 1st rate.
Dense artemesia under-
growth — on 79.92 chains
No timber.

— " —

North. bet. secs. 16 & 17.
Var. 16°30' E.
In brush.
4000 Set Sandstone 15 x 9 x 8 ins.
10 ins. in the ground for
1/4 sec. cor. marked 1/4 on
W. face & raised a
mound of stone alongside
8000 Set a Sandstone 16 x 8 x 6
ins. 10 ins. in the ground
for cor. to secs. 8. 9. 16 & 17,
marked 4 notches on E &
S. Edges & raised a mound

chains	of stone alongside. Land level Valley Soil 1st rate, Dense Artemisia under growth — on 80 chains No timber	39.97
	79.94	
	East on random line bet. Secs. 9 & 16, Var. 16°30' E, In brush,	
40.00	set temp. 1/4 sec. cor	
79.94	Intersect N.S. line 10 lks. N. of cor. to secs. 9, 10, 15 & 16, from which N. 89°56' W. on true line bet. Secs. 9 & 16	

39.97 Set Sandstone 14×8×6 ins.
10 ins. in the ground for
1/4 sec. cor. Marked 1/4
on N. face, & raised a
mound of stone along
side.

79.94 The cor. to secs. 8, 9, 16 & 17.
Land level Valley
soil 1st rate.
Dense Artemisia under-
growth — on 79.94 chains
No timber

Chains		Chains
	North bet. Secs. 8 & 9 Var. 16°30 E.	
	The line in place being impracticable, I offset East 15 chs: thence North on offset line	
40.00	The 1/4 sec. cor. falls in mountains, not set.	
80.00	To point 15 chs. East of true cor. where I set a sandstone 24x12x9 ins. 18 ins. in the ground for witness cor. to secs. 4.5.8 & 9, marked W.C. with 4 notches on E. & S. edges, & raised a mound of stones along side.	20.00 40.00 80.00 40.00
	Land mountainous Soil 2d rate.	

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Chains

No Timber

East on random line
bet. Secs. 4 & 9
Var. 16°30 E.

From the witness cor. 5.00
chs. East of the true cor,
omitting the distance
back—

2.000 Leave Mountains enter Valley & brush.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect N & S line at the
cor. to secs. 3. 4. 9 & 10, from
which.

West on true line bet.
Secs. 4 & 9.

40.00 Set Sandstone 18 x 6 x 6 ins
12 ins. in the ground for
1/4 sec. cor. marked 1/4 m.c.

chains	face & raised a mound of stones alongside.	40.00
65.00	The witness cor.	
80.00	Cor. point to secs. 4, 5, 8 & 9	80.12
	Land W. 20 chs. Mountains	
	Balance valley.	
	Soil 1st & 2d rate.	
	Dense artemisia under-growth on 60. chs.	
	No timber.	
	— " —	
	North on random line bet. secs. 4 & 5	
	Var. 16°30' E.	40.12
	The line in place being impracticable, I offset East 17.50 chains, thence North on offset line,	

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40.00 Thence N. 2.50 chs. where I set a temporary witness, 1/4 sec. cor. thence N. on same offset.

80.12 Intersect N. boundary of the township, at the witness cor. to secs. 4 & 5 which is a sandstone 15 x 10 x 8 ins. with stone mound, 17.50 chs. E. of the true cor. point, from which witness cor. I run South on an offset line 17.50 chs. East of the line bet. sec. 4 & 5.

40.12 West 2.50 chs. where I set a sandstone 30 x 10 x 6 ins. 20 ins. in the ground for witness 1/4 sec. cor. marked W.C.

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chains with 1/4 on W. face & raised a mound of stones alongside.

Thence South on same offset line.

80.12 To line bet. secs. 4 & 9, 2.50 chains E. of the Witness cor. & 17.50 chs. East of the cor. point to secs. 4, 5, 8 & 9.

Land mountains.

Soil 2d rate.

No timber!!!

Note: On account of the mountains on the West, I abandon the further survey of this Township.

Oct. 2d 1882

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General Description.

The surveyed portion of this township lies mostly in a narrow valley running N.&S. with high mountains on the E. & W. There are several settlements as shown on the plat. No mineral found.

This finishes my contract No. 109.

Henry Fitzhugh
U. S. Dep. Sur.

DKR

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[4.—LIST OF NAMES.]

A list of the names of the individuals employed by Henry Fitzhugh 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 5th standard parallel South in R's. 4½ & 5 W, the exterior and section lines of Tps 24 & 25 S. R. 5 W, 20 & 21 S. R. 2 West

of the Salt Lake base and meridian in the Territory of Utah, showing the respective capacities in which they acted.

Otto E. Salmon, Compassman.
Stephen M. Farnsworth, Chainman.
David B. Farnsworth, Chainman.
Martin L. Anderson, Chainman.
George Milldew, Chainman.
Charles W. Roberts, Axeman.
Orson Allred, Axeman.
Joseph Haddew, Flagman and Axeman
Marion W. Lott, Flagman and Axeman

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[5.—FINAL OATHS OF ASSISTANTS.]

We hereby certify that we assisted Henry Fitzhugh United States deputy surveyor, in surveying all those parts or portions of the 5th Standard Parallel South in Rs 4½ & 5 W, Exteriors & Section lines of Tps 24 & 25 S. R. 5 W; 20 & 21 S. R. 20 W.

of the Salt Lake base and meridian in the Territory of Utah, as are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established according to the instructions furnished by the United States surveyor-general for Utah.

Otto E. Salomon, Compassman.

Stephen M. Farnsworth, Chainman.

David B. Farnsworth, Chainman.

Martin L. Andersen, Chainman.

George Willden, Chainman.

Charles W. Roberts, Axeman.

Jesse Allen, Axeman.

Joseph Haulden, Flagman.

Marion W. Sott his Axeman

Subscribed and sworn to before me this Anthony

3d day of Oct, 1882

Henry Fitzhugh
U. S. Dep. Sur.

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[6.—FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.]

I, Henry Fetzhugh United States deputy surveyor, do solemnly swear that in pursuance of instructions received from Ford Salaum United States surveyor-general for Utah, bearing date of the 20th day of July, 1882, 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 surveying manual and the laws of the United States, surveyed all those parts or portions of 5th Standard Parallel South in Ranges 4 & 5 W; the Extension of Section lines of Townships 24 & 25 S. R. 5 W; and 20 & 21 S. R. 2 West

of Salt Lake base and meridian in the Territory of Utah, as are represented in the foregoing field notes as having been surveyed by me and under my directions; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the surveying manual, printed instructions, the special written instructions of the United States surveyor-general for Utah, and in the specific man-

ner described in the field notes, and that the foregoing are the **TRUE** field notes of such survey; and, should any fraud be detected, I will suffer the penalty of perjury, under the provisions of an act of Congress, approved August 8, 1846.

Henry Fitzhugh
United States Deputy Surveyor.

Subscribed and sworn to before me this 24th day of October 1882

Edward Michaelis
Notary Public.

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Dec. 28th 1882

The foregoing field notes of the survey of the Subdivisions

wnship No. 2 South Range No. 1 West

f the Salt Lake Meridian, Utah Territory,

euted by Henry Heyburgh

der his contract No. 109

the 26th day of July 1882,

the months of Sept. & October 1882,

ving been critically examined, the necessary

rections and explanations made, the said

d notes, and the surveys they describe are

eby aproved.

Fred Salomon

U. S. Surveyor General for Utah.

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REPORT: 1883.—

Filed [illegible] 1882

Examined by John H. Campe

Transcribed by B. R. Stevenson

Compared by F. Linton & B. R. Stevenson

FIELD NOTES

OF THE SURVEY OF ~~THE~~

a Portion of the South and West Township lines and Survey & re-survey East Township lines

OF

Township No. 21 South

Range No. 2 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Henry Fitzhugh

U. S. Deputy Surveyor,

Under his Contract No. 109

Dated July 26th 1882

Survey commenced September 23d 1882

Survey completed September 25th 1882

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NAMES AND DUTIES OF ASSISTANTS:

Otto E. Salzman ..... Compassman.
Stephen M. Farnsworth ..... Chainman.
David B. Farnsworth ..... Chainman.
Martin L. Anderson ..... Chainman.
George Mulldew ..... Chainman.
Charles W. Roberts ..... Axeman.
Oscar Allred ..... Axeman.
Joseph Hadley ..... Flagman.
Marion W. Scott his mark axeman

BOOK-A-189

Re-Survey of a portion
East Boundary T. 21 S. R. 2 W.

270

Before commencing this survey I took an observation on the star Polaris, and found my solar compass in adjustment.

Survey commenced Sept. 23d 1882, from the established cor. to Tp. 21 & 22 S. R. 1 & 2 W. which is a Sandstone 11×11×7 ins with stone mound and three bearing trees.

I run

North bet. secs. 31 & 36

on a re-survey line

Var. 16°30' E.

In cedar timber.

10.00 Wash drains N.

14.50 " " "

22.50 " " "

Re-survey of East Boundary

23.10	Wash drains N.	
39.50	" " "	
40.00	Find old stone chimney over - I re-set same viz: Sandstone 12x9x5 ins. ~~with~~ 8 ins. in the ground for re-established 1/4 sec. cor. the 2 bearing trees are ~~all~~ standing	
45.50	Wash drains N.	
51.50	" " "	4.00
64.00	" " "	6.00
73.50	" " "	12.50
80.00	Old cor. not found. Set a Sandstone 19x15x10 ins. 12 ins. in the ground for re-established cor. to secs. 25.30.31 & 36, Marked 5 notches on N. & 1 on S. Edge & raised mound of stone	31.50 40.00

T. 21 S. R. 2 W. S. L. M.

alongside.
Land Mountainous,
Soil 2d rate.
Cedar timber.

—— " ——

North on Re-survey line
bet. Secs. 25 & 30
Var. 16°30' E.

4.00 Wash drains NE.
6.00 " " "
12.50 " " "
31.50 " " "
40.00 Old cor. not found -
Set a Limestone 20×15×10
ins. 15 ins. in the for re-
established 1/4 sec. cor.
marked 1/4 on W. face &
raised a mound of stones

Re= survey East Boundary of

chains	alongside,
43.00	Top of ridge bears NE & SW
45.50	Wash drains NE.
48.50	Ridge bears NE & SW.
55.50	Wash drains NE.
79.00	Ridge bears NE & SW.
80.00	Old cor. not found, set a Limestone 24×12×12 ins. 18 ins. in the ground for Re= established cor. to secs. 19, 24, 25 & 30. Marked 4 notches on N. & 2 on S. Edges, & raised a mound of stone alongside.

Land Mountainous
soil 2d rate.
cedar timber

BO
T.
chains
17.50
25.00
40.00
47.50
74.00
77.50
80.00

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T. 21 S. R. 2 W. S. L. M.

Chains	
	Leave N= survey North bet. Secs. 19 & 24, Var. 16°30' E.
17.50	Wash drains SE.
25.00	Ridge bears SE & NW.
40.00	set Limestone 12 x 12 x 12 ins. 8 ins in the ground for 1/4 Sec. Cor. Marked 1/4 on W. face & raised a mound of stone along side,
47.50	Leave timber & underbrush
74.00	Main wash drains SE.
77.50	Road bears SE & NW.
80.00	Set Limestone 26 x 15 x 12 ins. 18 ins. in the ground for Cor. to Secs. 13, 18, 19 & 24, Marked 3 notches on N. & S. Edges, and raised a mound of stone along side.

East Boundary of Tp. 21 S

chains		
	Land mostly mountainous soil 2d rate.	
	Cedars on S. 47.50 chs.	
	Balance Dense under= growth of Artemisia.	50.00
		66.00
		75.00
		80.00
	North bet. Secs. 13 & 18 Var. 16° 80' E.	
10.00	Enter hills & cedars; lead brush.	
12.00	Ridge bears S.E. & N.W.	
17.00	Wash drains S.E.	
20.00	" " "	
25.00	" " "	
29.00	" " "	
40.00	set Sandstone 17x12x9 ins. 11 ins. in the ground for 1/4 sec. cor. marked 1/4	

21 S. R. 3 W. S. L. M.

on N. face & raised a
mound of stone along
side.
50.00 Foot of N. Slope.
66.00 Gulch drains SE.
75.00 " " "
80.00 Set Limestone 15 X 8 X 4
ins, 10 ins. in the ground
for cor. to secs. 7, 12, 18 & 18
Marked 2 notches on N.
& four on S. Edges &
raised a mound of
stone along side.
Land Mountainous.
Soil 2d rate.
Timber Cedar & Pinon.

East Boundary Township

chains	North bet. Secs. 7 & 12 Var. 16°30' E.	8000
3.50	Gulch drains SE.	
14.00	Gulch " " E.	
35.00	Gulch " " E.	
37.50	Head of Gulch drains NE	
40.00	set Quartzite 16x13x6 in 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised a mound of stone along side.	
41.00	Head of Gulch drains SE	
44.50	Gulch drains E.	
46.00	" " SE.	
57.50	" " E.	10.00
61.50	Ridge bears E & W	15.5
65.00	Gulch drains NE. & leave cedars	16.5
74.00	On E. slope of Butte	

No. 21 S.R. 2 W. S.L.M.

8000 set Quartzite 30×14×7 ins. 20 ins. in the ground for cor. to secs. 1.6.7 & 12 marked 1 notch on N. & 5 on South edges, & raised mound of stone alongside.

Land mountainous.

Soil 2d rate.

Cedar & Piñon on 65. chs

— " —

North bet. secs. 1 & 6

Var. 16°30' E.

10.00 Enter timber bears E & W.

15.50 Wash in open Cañon drains N.

16.50 Road bears N.E. & S.W.

Ascend.

East Boundary Tp. 21

40.00 set Quartz rock 15 x 5 x 5 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised a mound of stone alongside.

43.00 Ridge bears N.W. & S.E. Descend.

80.00 Note: By examination I find that the 4th Standard South in R. 1 W. is 36.30 chains N. of this point, I therefore continue on the line.

114.50 Gulch drains S.E.

116.30 Having run a blank line West on the 4th Standard South, I find that the closing mile fall 18.60 chains

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T. 2 N. R. 3 W. S. L. M.

East of the standard
1/4 sec. cor. on the south
side of section 33
T. 2 N. S. R. 1 W. where I
set a Shale Rock 24 x 9
x 3 ins. 18 ins. in the
ground for closing cor.
to T. 2 N. S. R. 1 W. W.
marked C.C. with 6 notches
on E. S. & W. Edges and
raised a mound of
stone alongside.
Land Mountainous,
Soil 2d rate.
Cedar & Pine.

Note. The above connection
discloses an error in
closing of 36.30 chs. N. &
2 miles 58.60 chs East

of the proper point according to the old surveys. It is too late to correct this error now, and so fix the intersection as above stated, citing to that portion of the note at the beginning the field notes of the 5th standard S. in R. 4½ W, in reference to the failure to allow for convergency of meridians, in old surveys, as a sufficient explanation in this case also. Sept. 23d 1882

South Boundary T21S.R2W.

Chains	
	Sept. 23d 1882
	From the established cor. to Tps. 21 & 22 S.R. 1 & 2 W. which is a sand stone 11×11×7 ins. with stone mound and three bearing trees—
	I run
	West on true line bet. secs. 1 & 36, Var. 16°30' E.
4.50	Ridge bears NW & SE.
7.00	Wash drains SE.
15.00	Ridge bears NW & SE.
40.00	Set Limestone 16×13×9 ins. 10 ins in the ground for 1/4 sec. cor. marked 1/4 on N. face & raised mound of stone alongside.

South Boundary Tp.

42.00 Gulch drains SE.
61.50 Ridge bears NW & SE.
70.00 Head of Gulch drains S.
74.50 Ridge bears SE & NW.
78.00 Head of Gulch drains SE.
80.00 Set Limestone 20 x 10 x 10 ins. 15 ins. in the ground for cor. to secs. 1. 2. 35 & 36 Marked 1 Notch on E. & S on West Edges & raised mound of stone along side.

Land mountainous.
Soil 2d rate.
Cedar & Pine.

"

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21 S. R. 2 W. S. L. M.

Chains	
	Inst bet. Secs. 2 & 35
	Var 16°30' E.
3.00	Gulch drains S E.
13.00	Ridge bears S E. & N W.
13.70	Wash drains S E.
14.20	Road bears N W. & S E.
28.50	Ridge bears " " "
34.50	Gulch drains S E.
40.00	Set Sandstone 30 x 25 x 6
	ins. 20 ins. in the ground
	for 1/4 sec. cor. marked
	1/4 on N. face & buried
	a mound of stone
	alongside. Leave timber.
80.00	Ridge bears N & S E.
	Set Sandstone 30 x 30 x 10
	ins. 20 ins. in the ground
	for cor. to secs. 2. 3. 34 &
	35, marked 2 notches
	on E & 4 on W. Edges &

South Boundary Tp. 21 S.

chains		chains
	raised a mound of stone alongside.	
	Land Mountainous	41.50
	Soil 2d rate.	30.00
	Cedar & pinon on 40. chains.	80.00
	"	
	West bet. secs. 3 & 34 Var. 16°30' E.	
4.50	Wash drains N.	
10.00	Ridge bears N.W. & S.E.	
16.50	Head of Gulch drains S.E.	
27.00	Ridge bears N.W. & S.E.	
30.50	Gulch drains S.E.	
40.00	Set Sandstone 37 x 12 x 10 ins. 22 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face	

R. 2 W. S. L. M.

chains and raised a mound of stone alongside.

41.50 Gulch drains SE.

30.00 Enter cedars.

80.00 Set Sandstone 40 x 30 x 10 ins. 25 ins. in the ground for cor. to secs. 3, 4, 33 & 34, marked 3 notches on E & W. Edges, & from which

A Cedar 8 ins. dia. brs. N. 10° W. 12 lks.
" " 10 " " " N 25° E. 14 "
" Piñon 14 " " " S 45° E. 20 "
" " " " " " N. 85° W. 30 "

Trees all marked with the proper Tp. R. & Sec, as directed in the manual of May 3d 1881.

Land Mountainous, soil 2d rate.

BOOK

South boundary Tp. 21 S. R.

Chains	
	Cedar & pine on N. 30 chs.
	80.00
	"
	Mst bet. Secs. 4 & 33
	Var. 16°30' E.
10.00	Gulch drains S.E.
20.00	Ridge bears S.W. & S.E.
40.00	On S. slope of hill.
	Set Limestone 17 x 12 x 10
	inch. 11 ins. in the
	ground for 1/4 sec.
	cor. Marked 1/4 on N.
	face, from which
	A Pine 8 ins. dia. bears N. 20° E. 15 lks.
	" " 10 " " " S. 15° W. 25 "
	Both trees marked 1/4 S.B.T.
45.00	Wash drains S.E.
60.00	Ridge bears S.E. & N.W.
70.00	Gulch drains S.E.

R. 2 W. S. L. M.

80.00 Along S. Slope to set a Limestone 48 x 20 x 10 ins. 28 ins. in the ground for cor. to secs. 4, 5, 32 & 33, marked 4 notches on E. & 2 on W. Edges & from which

A Pinon 6 in. dia. brs. N. 46° E. 35 lks.
" " 14 " " " N 71½° W. 60 "
" " 12 " " " S 46¼° E. 25 "
" Cedar 18 " " " S 30¼° W. 60 "

Trees all marked with the proper Tp. R. & sec. as directed in the Manual of May 3d 1881.

Land Mountainous.
Soil 2d rate.
Cedar & pinon.

Sept. 23d 1882

West Boundary T. 21 S.

Sept. 25th 188[illegible]

chains. On account of the
mountains I abandon-
ed the south boundary
at the last cor. set,
from which I run
North on an offset
line —

Var. 16°30' E.

4 miles, thence
West
2 miles to the
West boundary of the
township, where I set
a sandstone 19 x 8 x 3 ins
12 ins. in the ground
for cor. to secs. 7. 12. 13 &
18, marked 2 notches
on N. & 4 on S. edges &
raised a mound of
stone alongside.

BOOK

6) [illegible]

chains

20.00
29.00
40.00
[illegible]
43.00
50.00
59.25
80.00

6) R. 2 W. S. L. M.

Chains	North bet. Secs. 7 & 12
	Var. 16° E.
20.00	Gully drains N.
29.00	" " E.
40.00	Set Sandstone 15 x 8 x 4 ins. 10 ins. in the ground for 1/4 sec. cor. Marked 1/4 on W. face & raised a mound of stone along side.
40.75	Gulch drains E.
43.00	Ridge bears E & W.
50.00	Foot of N. slope, Enter ~~bend~~ brush.
59.25	Road bears N.W. & S.E.
80.00	Set Sand stone 24 x 14 x 7 ins. 18 ins. in the ground for cor. to secs. 1, 6, 7 & 12 Marked 1 notch on N & 5 on S. Edges & raised a mound of stone along

West Boundary T. 215 R.

chains	side.	
	Land mostly mount	51.80
	amons,	59.80
	Soil 2 & 1st rate.	
	Dense Oak under	64.30
	growth on 30 chs.	97.80
	No timber.	116.10
	North on true line	
	bet. secs. 1 & 6	
	Var. 16°30' E.	
0.25	Pharao Creek 6 lks. wide	
	runs N.	
40.00	set Sandstone 18 x 15 x	
	3 ins. 12 ins. in the ground	
	for 1/4 sec. cor. marked	
	1/4 on W. face & raised	
	a mound of stone	

R. 2 W. S. L. M.

alongside.
51.80 Road bears E & W.
59.80 Rock Creek 4 lks. wide
drains N.
64.30 Wash drains N.
97.80 Leave bench & enter valley
116.10 Intersect the 4th stand=
ard parallel South
21.32 chs. West of the
standard cor. to secs.
33 & 34 T. 20 S. R. 2 W.
& 8 links E. of the temp=
porary cor. set in
searching the 4th standard
W. where I set a
Sandstone 18 x 12 x 12 ins
12 ins. in the ground
for closing cor to
T. 21 S. R. 2 & 3 W.,
Marked C.C. on it

6 notches on E. S. & W. Edges & raised a mound of stone alongside.
Land Mostly bench soil 1st rate.
Dense Oak & artemisia undergrowth.
Sept. 25th 188

"

For General Description see end of the sub-division notes.

EHH.

"

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Dec. 20th 1882

FIELD NOTES

The foregoing field notes of the survey of the a. PORTION OF THE SOUTHWEST, RESURVEY & SURVEY OF THE EAST BOUNDARIES

Township No 21 South Range No 2 West

Executed by Henry Fitzhugh

Under his contract of the 26th

day of July 1882 in the month of

September 1882, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.

Wm Salomon

U. S. Surveyor General for Utah.

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15

REPORT: 1883.

Filed 188

Examined by John H. Campbell

Transcribed by B. R. Stevenson

Compared by F. Linton & B. R. Stevenson

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions

OF

Township No 21 South

Range No 2 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Henry Fitzhugh

U. S. Deputy Surveyor.

Under his Contract No. 109

Dated July 26th 1882

Survey commenced September 26th 1882

Survey completed September 28th 1882

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Township 21 S. **R.** 2 West

296	6	384	5	371	4	352	3	334	2	317	1	283
	382		381		369		357		333		316	
295	7	380	8	367	9	349	10	332	11	315	12	282
	378		376		366		348		330		313	
	18	375	17	364	16	346	15	328	14	311	13	280
			373		363		345		327		310	
	19		20	361	21	343	22	325	23	308	24	279
					360		342		324		307	
	30		29	358	28	340	27	323	26	305	25	277
					356		339		321		304	
	31		32	355	33	337	34	320	35	302	36	275
					292		290		289		287	

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NAMES AND DUTIES OF ASSISTANTS:

Otto E. Sehlmann ..... Compassman.
Samuel M. Farnsworth ..... Chainman.
Stephen B. Farnsworth ..... Chainman.
Martin L. Anderson ..... Chainman.
George Waldron ..... Chainman.
Charles W. Roberts ..... Axeman.
Orson Allred ..... Axeman.
Joseph Hadden ..... Flagman.
William W. Scott his X mark axeman

Subdivisions T. 21 S. R. 2 W.

Survey commenced Sept. 26th 1882 with a Burt's improved Solar Compass which I tested by an observation on the North star, & found correct.

From the cor. to secs. 35 & 36 on the south boundary of the Tp, which is a Limestone 20x10x10 ins. with stone mound, I run North bet. secs. 35 & 36

Var. 16° 30' E.

15.00 Ridge bears N. & S.

15.00 Enter hollow trees S.E.

33.00 Leave " " "

Subdivisions T. 21 S.

40.00	Set Limestone 14 x 10 x 6 ins. 10 ins. in the ground for 1/4 sec. cor. Marked 1/4 on W. face & raised a mound of stone alongside.
48.50	Wash drains S E,
57.00	Ridge bears N W & S E.
80.00	Set Limestone 25 x 10 x 4 ins. 18 ins. in the ground for cor. to secs. 25, 26, 35 & 36, marked 1 notch on E. & 1 on S. Edges. & raised mound of stone alongside, at head of a gulch which drains E.
	Land Mountainous soil 3d rate - rocky - Cedar & pinon.

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R. 2 W. S. L. M.

Chains	East on random line
	bet. Secs. 25 & 36
	Var. 16°30' E.
	Descend in Gulch to,
10.00	Leave Gulch - turns N.
	Ascend
40.00	Set temporary 1/4 Sec corner On ridge bears NE & SW.
	Descend.
65.00	Gulch drains N.
80.12	Intersect cor. to secs.
	25 & 36 on the east
	boundary of the T.
	which is a sandstone 19 x 15 x 10 ins, with stone mound
	from which
	West on true line
	bet. Secs. 25 & 36
	Var. 16°30' E.
40.06	set Limestone 25 x 17 x 10
	ins. 18 ins. in the
	ground for 1/4 sec
	cor. marked 1/4 on

		Chains
chains	N. face & raised a mound of stone alongside.	
80.12	The cor. to secs. 25. 26. 35 & 36.	66.00
	Land mountainous. Soil 2d qlty. Cedar & pine.	80.00
	North bet. secs. 25 & 26 Var. 16°30' E.	
	Ascend E. slope	
35.00	Ridge bears S 30° W.	
40.00	Set Limestone 36 x 7 x 4 ins. 20 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised a	

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Chains	Mound of stone along side.
66.00	Wash drains N.W.
80.00	Set a Limestone 18x8 x3 ins. 12 ins. in the ground for cor. to secs. 23, 24, 25 & 26, Marked 1 Notch on E. & 2 on S. Edges & raised a mound of stone alongside.
	Land Mountainous soil 2d rate. Cedar & pine.

chains		chains
	East on random line bet. Secs. 24 & 25 Var. 16°30' E.	
27.10	Wash drains N.	
40.00	Set temp. 1/4 sec. cor.	
46.65	Ridge bears N E & S W.	
80.20	Intersect E. boundary of the T/o. 14 links S of the cor. to secs. 24 & 25 which is a Limestone 24×12×12 ins. with stone mound from which S. 89°54' W. on true line bet. Secs. 24 & 25.	6.50 3.50 18.00 34.00
40.10	Set Limestone 14×10×8 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face & raised a mound of stone alongside.	40.00 3.00
80.20	The cor. to secs. 23, 24, 25 & 26,	8.00

chains	Land Mountainous soil 2d rate. Cedar & Piñon.
	North bet. Secs. 23 & 24 Var. 16°30' E.
6.50	Main Wash drains NE.
13.50	Wash drains NE.
18.00	" " "
34.00	" " "
40.00	Set Limestone 25 x 12 x 7 ins. 18 ins. in the ground for 1/4 sec. cor. Marked 1/4 on W. face and raised a mound of stone alongside.
5.00	Wash drains NE.
8.00	" " SE.

66.50	Wash drains E.	hains
70.00	Enter hollow drains N.	
78.50	Wash drains N. Leave the hollow.	3.00
80.00	set Sandstone 26 x 10 x 5 ins. 18 ins. in the grain for cor. to secs. 13, 14, 23 & 24, marked 1 notch on E & 3 on S. Edges & raised a mound of stone alongside. Land Mountainous Soil 2d rate. Cedar & Piñon.	14.10 40.00 75.15 80.22
		0.11

hains	East on random line bet. secs. 13 & 24 Var. 16°30' E.
3.00	Wash in hollow drains N.E.
14.10	Leave " " "
40.00	set temp. 1/4 sec. cor.
75.15	Road bears N.W. & S.E.
80.22	Intersect E. boundary of the Tp. 7 links N. of the cor. to secs. 13 & 24, which is a Limestone 26 x 15 x 12 ins. 18 ins. in the ground, from which N. 89°57' W. on true line bet. secs. 13 & 24
0.11	set Limestone 14 x 10 x 7 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face

chains		chains
	and raised a mound of stone alongside.	
80.22	The cor. to secs. 13, 14, 23 & 24.	
	Land mountainous,	2.00
	soil 2d qlty,	
	cedar & pine.	7.00
		2.00

North bet. Secs. 13 & 14.
Var. 16°30' E.

7.50	Ridge bears N & S W.
15.00	Enter hollow drains E.
17.50	Wash drains E.
22.00	Road bears E & W. Leave hollow.
40.00	Set Limestone 24 x 17 x 6 ins. 18 ins. in the ground for 1/4 sec. cor. Marked 1/4 on W. face

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chains, and raised a mound
of stone alongside.
Ascend.
2400 Ridge bears S.E. & N.W.
Descend to
7000 Notch drains S.E.
8000 Set limestone 24x16x4
ins. 18 ins. in the
ground for cor. to
secs. 11, 12, 13 & 14,
marked 1 Notch on E.
& 4 on S. Edges, & raised
mound of stone
alongside.
Land mountainous,
soil 2d rate,
cedar & pine.

chains	
	East on random line bet. secs. 12 & 13 Var. 16°30' E.
5.50	Gulch drains S.E.
10.00	" " "
12.00	" " "
18.00	" " "
24.00	" " "
29.00	" " "
39.00	Deep " " "
40.00	set temp. 1/4 sec. cor.
41.50	Sandstone ledge 90 ft. high
50.50	Ridge bears S.E. & N.W.
56.50	Gulch drains S.E.
59.00	" " "
62.00	" " "
78.00	" " "
80.00	Intersect E. boundary of the township at the cor. to secs. 12 & 13

40.00

80.00

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which is a limestone 15 x 8 x 4 ins. with stone mound.
from which
West on true line
bet. secs. 12 & 13,
4000 set a Sandstone 22 x 10
x 5 ins. 15 ins. in the
ground for 1/4 sec.
cor. marked 1/4 on
N. face & raised
a mound of stone
alongside, from which
A Cedar 10 ins. dia. brs. S 50° W. 43 lks.
" " 6 " " " N 43° W. 28 "
Both trees marked 1/4 S.B.T.
8000 The cor. to secs. 11, 12, 13 & 14.
Land Mountainous
Soil 2d rate.
Cedar & pinon

Chains	
	North bet. secs. 11 & 12 Var. 16° 30' E.
11.50	Gulch drains S.W.
37.50	Ridge bears S.E. & N.W.
40.00	Set Limestone 17 x 15 x 9 ins. 11 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. face & raised a mound of stone along side.
41.00	Hollow drains S.E.
48.00	Ridge bears N.W. & S.E.
57.50	Gulch drains N.W.
80.00	Set Limestone 17 x 15 x 9 ins. 11 ins. in the ground for cor to secs. 1, 2, 11 & 12, Marked 1 Notch on E & W on S. edge & raised a mound of stone

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chains | alongside,
Land Mountainous,
Soil 2d rate.
Cedar & pinon.

"

East on random line
bet. secs. 1 & 12
Var. 16°30' E.
Along N. Slope.
40.00 set temp. 1/4 sec. cor.
80.10 Intersect East boundary
of the Tp. 10 links N.
of the cor. to secs. 1 & 12
which is a Quartzite
30 x 14 x 7 ins. with stone
Mound, from which
N. 89°56' W. on true line
bet. secs. 1 & 12

40.05	set Quartzite 16×11×9 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face & raised a mound of stone along side.	Chains
80.10	The cor. to secs. 1, 2, 11, & 12	50.00
	Land undulating. Soil 2d rate. Cedar & pine.	80.00
		1/16.22
	North on true line bet. secs. 1 & 12 Var. 16° 3d E.	
7.00	Road in holm S E ascend.	
40.00	On Ridge bears N W & S E set a Limestone 16	

Chains	15 x 14 ins. 10 ins. in the ground for 1/4 sec. cor. Marked 1/4 on W. face & raised a mound of stone alongside.
50.00	Gulch drains S.E.
88.00	Intersection of ridges bearing N.E. & S.W. & E. Thence along W. slope to
116.22	Intersect 4th standard South, 21.35 chs. W. of the standard cor. to secs. 32 & 33 T. 20 S. R 1 W. which is a Limestone 17 x 8 x 7 ins. with stone mound, where I set a Limestone 18 x 13 x 8 ins. 12 ins. in the ground for closing cor. to

Chains	Secs. 1 & 2, Marked C.C. with 1 Notch on E & 5 on W. Edges & raised a Mound of stone along side. Land Mountains Soil 2d rate. Cedar & Pinon	Chains
		11.40
"	"	40.00
		20.00

Chains | From the cor. to secs. 34 & 35, on the south boundary of the Tp. which is a Sandstone 30 x 30 x 10 ins. I run North bet. Secs. 34 & 35 Var. 16°30' E.

On ridge.

11.40 Leave ridge at N. point. & enter Artemesia flats or Plateau.

4.00 set Sandstone 18 x 9 x 9 ins. 12 ins. in the ground for 1/4 sec. cor. Marked 1/4 on W. face & raised a mound of stone alongside.

8.00 set Sandstone 14 x 12 x 9 ins. 10 ins. in the ground for cor. to secs. 26. 27. 34 & 35,

chains		chains
	Marked 2 notches on E. & W. on S. Edge & raised a mound of stone along side.	39.99
	Land mostly level. Soil 1st rate. Dense artemesia undergrowth.	79.98
	"	
	East on random line bet. Secs. 26 & 35 Var. 16°30' E.	
40.00	Set temp. 1/4 Sec. cor.	
55.00	Leave flat & ascend and enter timber	
70.00	Ridge bears N.&S.	
79.98	Intersect N.&S. line at the cor. to secs. 23, 26, 35 & 36, from which	

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Chains	
	West on true line bet. Secs. 26 & 35
39.99	Set Sandstone 18 x 11 x 6 ins. 10 ins. in the ground for 1/4 Sec. Cor. Marked 1/4 on W. face & raised a mound of stone alongside.
79.98	The Cor. to Secs. 26, 27, 34 & 35.
	Land mostly level. Soil 1st & 2d rate.
	Pine & Cedar on E. 25 chains.
	Balance Dense artemisia undergrowth.

Chains		Chains
	North bet. Secs. 26 & 27 Var. 16° 30' E.	
40.00	Set Sandstone 14 x 10 x 9 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone alongside.	40.00
		63.50
		70.00
		79.92
60.00	Ridge bears E & W.	
80.00	Set Sandstone 12 x 12 x 8 ins. 8 ins. in the ground for cor. to Secs. 22. 23. 26 & 27, marked 2 notches on E. & S. edges, & raised a mound of stone alongside.	
		79.96
	Land mostly level. Soil 1st & 2d rate. Dense artemisia under growth. No timber.	79.92

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Chains	
	East on random line bet. secs. 23 & 26 Var. 16°30' E.
4.00	Set temp. 1/4 sec. cor.
63.50	Ridge bears N. & S. W. enter timber.
70.00	Wash drains N.
79.92	Intersect N. & S. line 7 links N. of cor. to secs. 23, 24, 25 & 26, from which N. 89°57' W. on the line bet. secs. 23 & 26,
39.96	Set sandstone 18 x 9 x 4 ins. 12 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. face & raised a mound of stone alongside.
79.92	The cor. to secs. 22, 23, 26 & 27.
	Land sloping N.

chains	soil 1st & 2d rate. Cedar & pinion on E. 16.~~50~~ 42 chs, Balance Dense Artemesia undergrowth.
	—— " ——
	North bet. Secs. 22 & 23 Var. 16° E.
40,00	set Sandstone 18 x 11 x 8. ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised a mound of stone alongside.
60.00	Leave Plateau & enter cedars.
65.00	Enter hollow drains S E.
70.00	Wash in " " "

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78.00 Leave Holm
80.00 Set Sandstone 26x11x7 ins.
18 ins. in the ground
for cor. to secs. 14.15.22 &
23. Marked 2 Notches
on E. & 3 on S. Edges &
raised a mound of
stone alongside.
Land mostly level.
Soil 1st & 2nd rate.
Cedar & Pine on
N. 20 chs.
Balance Dense Artem-
isia undergrowth.

— " —

Chains	
	East on random line bet. secs. 14 & 23 Var. 16°30' E.
4.10	Ravine draws S.E.
20.00	Ridge bears N.W. & E.
40.00	set temp 1/4 sec. cor.
40.55	Gulch draws N.
60.00	Ridge bears N.W. & E.
75.00	Gulch draws N.
79.86	Intersect N.S. line 10 links N. of cor. to secs. 13, 14, 23 & 24, from which N. 89°56' W. on true line bet. secs. 14 & 23
39.93	Set Limestone 17 x 17 x 9 ins. 11 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. face & raised a mound of stone

Chains
79.86
15.00
31.50
33.00
36.50
40.00

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Chains	
	along side.
79.86	The cor. to secs. 14, 15, 22 & 23.
	Land Mountainous,
	Soil 2d rate.
	Cedar & Pinon.
	"
	North bet. Secs. 14 & 15
	Var. 16° 30' E.
15.00	Gulch drains N.
31.50	Road in hollow E.
33.00	Deep Gulch drains E.
36.00	Leave the hollow.
40.00	Set Sandstone 16 x 8 x 5 ins
	10 ins. in the ground
	for 1/4 sec. cor. Marked
	1/4 on W. face & raised a
	mound of stone along
	side.

48.50	Gulch drains S.E.
60.00	Ridge bears S.E. & N.W.
78.40	Enter Hollow drains S.E. at mouth of Gulch which heads N.W.
80.00	Set Sandstone 20 x 13 x 6 ins. 15 ins. in the ground for cor. to secs. 10, 11, 14 & 15, marked 2 notches on E & 4 on S. Edges. & raised a mound of stone alongside. Land Mountainous. Soil 2d rate. Cedar & Pinon.

Chains

0.30
11.50
17.00
20.00
25.50
27.00
30.40
40.00
44.00
52.00
60.20
68.00
70.00
75.50
78.80

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Chains	
	East on random line bet. Secs. 11 & 14 Var. 16°30' E.
0.30	Road bears NW & SE.
11.50	Leave hollow drains SE.
17.00	Ridge bears SE & NW.
20.00	Wash drains SE. Enter hollow drains SE.
25.50	Wash drains SE.
27.00	Leave hollow
30.40	Gullie drains SW.
40.00	On low ridge bears SW & NE. set temp. 1/4 Sec. cor.
44.00	Gulch drains SW.
52.00	NW point of ridge.
60.25	Gulch drains SW
68.00	Ridge bears SW & NE.
70.00	Head of Gulch drains E.
75.50	Ridge bears SW & NE.
78.80	Gulch drains SE

79.69 Intersect N. & S. line at the cor. to secs. 11, 12, 13 & 14, from which West on true line bet. secs. 11 & 14

39.85 Set Sandstone 17 x 9 x 7 ins. 11 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. face, & raised a mound of stone along side.

79.69 The cor. to secs. 10, 11, 14 & 15.
Land Mountainous
Soil 2d rate.
Cedars & pinon.

BOO

Chains

.75
1.50
7.00
21.00
40.00
55.00
64.25
68.00
75.50
80.00

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Chains	
	North bet. Secs. 10 & 11
	Var. 16°30' E.
.75	Road bears NW & SE.
1.50	Leave hollow
7.00	Gulch drains SW.
21.00	Gulch drains W.
40.00	Set Limestone 23×12×8 ins.
	17 ins. in the ground
	for 1/4 Sec. Cor. Marked 1/4
	on W. face, & raised mound
	of stone alongside,
	from which
	A cedar 13 ins. dia. bears N 55° W.
	30 lks. marked 1/4 S.B.T.
55.00	Low ridge bears NW & SE.
64.25	Gulch drains SE.
68.00	SE point of ridge.
75.50	Wash in hollow drains SE
80.00	Set Limestone 20×15×10 ins

Chains		Chains
	15 lks. in the ground for	
	Cor. to secs. 2.3.10 & 11 Quarter	
	2 notches on E & 5 on S. Edges	39.90
	Raised mound of stone	
	alongside.	
	Land Mountainous	
	Soil 2d rate.	
	Cedar & pine.	79.80
	"	
	East on random line	
	bet. secs. 2 & 11	
	Var. 16°30' E.	
2.00	Wash drains S.E. Leave hollow	
14.50	Ridge bears S.E. & N.W.	
40.00	Set temp. ¼ sec. cor.	
79.80	Intersect N. & S. line	1.00
	7 links S. of cor. to secs.	
	1.2.11 & 12. from which	19.30

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Chains	S. 89° 57' W. on true line bet. secs. 2 & 11
39.90	Set Limestone 15 x 12 x 10 ins. 10 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. face X raised a mound of stone alongside.
79.80	The cor. to secs. 2. 3. 10 & 11 Land Mountainous, Soil 2d rate. Cedar & pinion.
	North on true line bet. secs. 2 & 3 Var. 16° 30' E.
1.00	Wash drains S E. Leave hollow.
19.30	Road in hollow E.

25.00	S.W. point of ridge
29.00	Wash drains S.W.
40.00	Set Limestone 20x20x20 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face & raised mound of stone along side.
41.30	Wash drains S.W.
58.30	Ridge bears S.W. & N.E. Descend N. slope.
87.80	Gulch drains S.W.
104.30	" " "
116.24	Intersect 4th standard parallel S. 21.39 chs. N. of the standard cor. to secs. 31 & 32 T. 20 S. R. 1 W. which is a Sandstone 24x24 10 ins. with stone mound

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Chains

where I set Sandstone
30 x 20 x 9 ins. 20 ins in
the ground for closing
cor. to sec. 2 & 3, marked
C C, with 2 notches on E.
& 4 on W. Edges & raised
mound of stone along
side.
Land Mountainous,
Soil 2d rate.
Cedar & pinon
Sept. 26. 1882

Chains	
	Sept. 27th 1882.
	From the cor. to sec.
	33 & 34, on the south
	boundary of the Tp. &
	which is a sandstone
	40 x 30 x 10 ins. with
	stone mound, & run
	North bet. sec. 33 & 34
	Var. 16 2/3° E.
3.00	Leave timber & enter brush.
29.70	Ditch drains N.
40.00	Set Sand Stone 25 x 25 x 12 ins
	18 ins. in the ground
	for 1/4 sec. cor. marked
	1/4 on N. face & raised
	a mound of stone
	alongside: from
	which
	N.W. cor. of fence bears
	N. 46 1/2° E. about 10 chs.

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48.50 Road bears E & W.
55.60 Ditch runs E. Fence on N. side of ditch
57.00 Leave brush & intertimber
72.50 Ridge bears S E & N W.
80.00 set Sandstone 24 x 2 x 5 ins. 18 ins. in the ground for cor. to secs. 27, 28, 33 & 34, marked 3 notches on E. & 1 on S. edges & raised a mound of stone alongside, from which
A Cedar 8 ins. dia. brs. N 25° W. 15 lks.
A Pinion 10 " " " S 18° W. 40 "
Both trees marked with the proper T. R. & sec, as directed in the manual of May 3d 1881.
Land mostly rolling.

chains	
	Soil 1st & 2d - rate.
	Cedar & piñon on 26.
	chains.
	Balance dense artem=
	esia underbrush.
	— " —
	East on random line
	bet. secs. 2 & 34
	Var. 16° 30' E.
15.00	Bush drains & E, leave
	timber & enter brush &
	plateau,
40.00	set temp. 1/4 sec. cor.
80.00	Intersect N. & S. line
	at the cor. to secs. 26. 27.
	34 & 35, from which
	West on true line
	bet. secs. 27 & 34

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40.00 set Sandstone 16 x 11 x 9 ins.
10 ins. in the ground
for 1/4 sec. cor. marked
1/4 on N. face & raised a
mound of stone along
side.

80.00 The cor. to secs. 27, 28, 33 & 34.
Land level plateau.
soil 2d rate.
Dense artemisia under-
growth on 65 chs
Cedar & pinion on W.
15 chs.

North bet. secs. 27 & 28
Var. 16°30' E.

[illegible]00 Gulch drains S E.

[illegible]00 On Ridge bears N E & S W, set

Chains	
	Sandstone 24×24×6 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised mound of stone along side. Descend.
55.25	Wash drains N.E.
60.00	Gulch drains N.E.
64.50	" " "
75.00	Leave timber.
80.00	set Sandstone 29×17×10 ins. 19 ins. in the ground for cor. to secs. 21. 22. 27 & 28, marked 3 notches on E, & 2 on S. Edges & raised mound of stone along side.
	Land mountainous soil 2d rate.
	Cedar & Simon on 75 chs.

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Chains	
	East on random line bet. secs. 22 & 27 Var. 16°30' E.
	Ascend S.W. slope.
26.10	Ridge bears N.W. & S.E.
40.00	set temp. 1/4 sec. cor. Along N. slope.
80.10	Intersect N. & S. line 14 lks. S. of cor. to secs. 22. 23. 26 & 27, from which S. 89°54' W. on true line bet. secs. 22 & 27
40.05	set Sandstone 14 x 14 x 6 ins. 10 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. face & raised a mound of stone along side.
80.10	The cor. to secs. 21. 22. 27 & 28. Land Mountainous,

chains	
	Soil 2d rate.
	No timber.
	North bet. secs. 21 & 22
	Var. 16°30' E.
6.00	Ridge bears N W & S E.
10.00	Head of hollow drains W. 3 chs. thence S E.
18.00	Ridge bears N W & S E.
	Descend.
40.00	Set Sandstone 25 x 12 x 10 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised mound of stones along side.
50.00	Foot of N. slope.
55.35	Gulch drains S E.

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58.00	Road bears SW & NE.
58.50	Wash drains SE.
70.00	Ridge bears E & W.
77.00	Enter sage brush plateau
80.00	set Sandstone 24x24x
	15 ins. 18 ins. in the
	ground for cor. to secs.
	15. 16. 20 & 21, marked
	3 notches on E & S.
	Edges X raised a
	mound of stone
	alongside.
	Land Mountainous
	soil 2d rate.
	No timber.

chains		chains
	East on random line	
	bet. secs. 15 & 22	
	Var. 16°30' E.	
40.00	set temp 1/4 sec. cor.	
65.00	enter timber.	
80.00	Intersect N. & S. line	
	at the cor. to secs. 14. 15.	
	22 & 23. from which	
	West on true line	15.00
	bet. secs. 15 & 22	20.00
40.00	set Sandstone 19 x 8 x 5	27.00
	ins. 12 ins. in the	40.00
	ground for 1/4 sec. cor.	
	marked 1/4 on N. face	
	& raised mound	
	of stone alongside.	
80.00	The cor. to secs. 15. 16. 21 & 22	
	Land level plateau.	58.00
	Soil 2d rate.	70.70
	Dense artemisia under	80.00

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Chains	
	growth on 65 chs.
	Cedar & pine on E. 15.
	Chains.
	North bet. Secs. 15 & 16
	Var. 16°30' E.
15.00	Wash drains N.
20.00	" " "
27.00	" " "
40.00	Set Sandstone 15 x 15 x 10
	ins. 10 ins. in the ground
	for 1/4 sec. cor. Marked
	1/4 on N. face & raised
	a mound of stone
	alongside.
58.80	Wash drains N.
71.70	Road bears SW & N.
74.20	Wash drains N.; leave

Chains		Chains
	Plateau & brush & enter timber.	
8.00	set sandstone 20×20×4 in 15 ins in the ground for cor. to secs. 9.10.15 & 16,	3.50
	marked 3 notches on E,	20.00
	& 4 on S. Edges, & raised	40.00
	mound of stone along side.	78.50
		80.12
	Land plateau.	
	Soil 2d rate.	
	Dense artemesia under growth on 7 chs.	40.06
	Cedar & pinon on S. 6 chs.	
		80.12

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Chains	
	East on random line bet. secs. 10 & 15 Var. 16° 30' E.
3.50	Wash drains S.E.
20.00	Ridge bears S.E. & N.W.
40.00	set temp. 1/4 sec. cor.
78.50	Enter hollow drains S.E.
80.12	Intersect N. & S. line 5 lks, S. of cor. to secs. 10.11.14 & 15, from which S. 89° 58' W. on true line bet. secs. 10 & 15
40.06	set Sandstone 18 x 3 x 6 ins. 12 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. face X raised a mound of stone alongside.
80.12	The cor. to secs. 9.10.15 & 16. Land rolling.

chains	
	Sil 2d rate.
	Cedar & Prim on
	so. 12 cho.
	North bet. Secs. 9 & 10
	Var. 16°30 E.
6.00	Enter hollow drains S E &
	leave timber.
23.50	Leave the hollow.
35.00	Ridge bears S E & N W.
40.00	Set sandstone 36 x 30 x
	6 ins. 22 ins. in the
	ground for 1/4 sec.
	Cor. marked 1/4 on W.
	face, & raised a
	mound of stone
	adjacent.
45.00	Enter hollow drains S E
46.00	Road bears S E. & N W.

47.50
70.00
71.50
80.00

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47.50	Leave hollow. Enter timber.
70.00	Ridge bears SE & NW.
71.50	Head of hollow drains SE.
80.00	Set Limestone 12 x 10 x 10 ins. 8 ins. in the ground for cor. to secs. 3.4.9 & 10, marked 3 notches on E. & 5 on S. Edges & raised mound of stone alongside.

Land mountainous, soil 2d rate.
Cedar & pine on S.
6 chs. & N. 32.50 chs.

chains	East on random line bet. secs. 3 & 10. Var. 16°30' E.
3.75	Road in hollow, S.
9.00	Ridge bears N.W. & E.
22.00	Hollow Drains S.E.
32.00	S. point of ridge
34.00	Gulch drains S.
39.00	S.W. point of ridge.
40.00	set temp. 1/4 sec. cor.
41.50	Gulch drains S.W.
48.50	Ridge bears S.E. & N.W.
62.50	Hollow drains S.E.
71.50	Ridge bears S.W. & S.E.
74.50	Wash in hollow drains S.E.
79.00	Wash " " " S.W.
79.25	Intersect N.&S. line 25 lks. S. of cor. to secs. 2, 3, 10 & 11, from which S 89°49' W. on true line

	bet
39.67	Set
	15
	for
	1/4
	N.Dra
	" "
	Bo
	B.
79.25	The
	L
	N.
21.50	E

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bet. secs. 3 & 10.

39.67 Set Sandstone 20 x 9 x 5 ins.
15 ins. in the ground
for 1/4 sec. cor. marked
1/4 on N. face & from which
A Pinon 4 ins. dia. brs. S. 15° E. 15 lks.
" " 7 " " " N 20° W. 28 "
Both trees marked 1/4 S.
B. T.

79.25 The cor. to secs. 3. 4. 9 & 10.
Land mountainous,
soil 2d rate.
Cedar & pinon.

—— " ——

North on true line
bet. secs. 3 & 4.
Var. 16½° E.

21.80 Road bears N.W. & S.E.

40.00	Set Limestone 48×40× 20 ins. 2× ins. in the ground for ¼ sec. cor. Marked ¼ on W. face, Pits impracticable
45.00	Along W. slope of ridge
70.00	Top of Same.
73.50	Road bears NW. & SE.
74.00	Wash drains SW. Leave timber.
91.30	Ascend S. point of ridge & enter timber.
116.30	Intersect 4th standard parallel S. 21.40 chs. W. of the standard cor. to Tp. 20 S.R. 1 & 2 W. which is a Sandstone 26×18×4 ins. with stone mound, where I set a Flintstone 18×14× 5 ins. 12 ins. in the

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ground for Closing
cor. to Seeg. 374, marked
C.C. with 3 notches on E
& W. Edges & raised a
mound of stone along
side.
Land mostly mountainous,
Soil 2d rate.
Cedar & pine on
most of the distance
as noted.

— 2 —

chains		chains	ins
	From the cor. to secs. 32 & 33 on the South boundary of the Gp. which is a Limestone 48 x 20 x 10 ins. with 4 bearing trees, I run North bet. secs. 32 & 33 Var. 16°30' E.		
10.00	Ridge bears E & W.		
20.00	Leave timber.		
40.00	Set Limestone 27 x 10 x 4 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised a mound of stone alongside.		
48.50	Wash drains S E. Enter timber.		
80.00	On ridge bears N E & S W.	35,10	
	Set Limestone 30 x 25 x 6	40,00	

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chains ins. 20 ins. in the ground
for cor. to secs. 28, 29, 32
& 33, marked 4 notches
on E & 1 on S. Edge &
raised mound of
stone alongside.
Land mostly mount-
ainous.
Soil 2d rate.
Cedar & piñon on 51.50
chains.

— " —

East on random line
bet. secs. 28 & 33
Var. 16°30' E.
Descend to
35.10 Gulch drains S E.
40.00 set temp. 1/4 sec. cor.

		Chains	No
	Ascend to		
65.00	Ridge bears N.W.&S.E.		
79.92	Intersect N.&S. line at	6.00	Ent
	the cor. to secs. 27&28,	13.00	Lea
	33&34, from which	25.50	Re
	West on true line	40.00	set
	bet. secs. 28&33		in
39.96	set Sandstone 14×10×6		fo
	ins. 10 ins. in the		1/4
	ground for 1/4 sec.		& Pu
	cor. Marked 1/4 on N.		"
	face & raised a		Bo
	mound of stone	58.00	M
	alongside.	64.00	
79.92	The cor. to secs. 28.29.32&33.	70.00	
	Land Rolling S. slope	80.00	K
	Soil 2d rate.		u
	Cedar & pinon on		g
	79.92 chs.		2
			4

Chains	North bet. secs. 28 & 29 Var. 16°30' E.
6.00	Enter Gulch drains N.
13.00	Leave it.
25.50	Ridge bears N & S W.
40.00	set Limestone 12 x 12 x 12 ins. 8 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, from which A Pinon 8 ins dia. brs. N. 21 1/2° W. 50 lks, " " 6 " " " S 64 1/2° E. 10 " Both trees marked 1/4 S. B. T.
58.00	Wash drains N.
64.00	" " "
70.00	" " "
80.00	set Sandstone 30 x 20 x 3 ins. ~~for~~ 20 ins. in the ground for cor. to secs. 20. 21. 28 & 29. Marked 4 notches on E & 2 on S edges.

Chains	from which
	A Cedar 10 ins. dia. brs. N 20° E, 20 lks.
	" " 14 " " " S. 20° W. 20 "
	" " 14 " " " S. 35½° E. 20 "
	" Pine 6 " " " N 44½° W. 40.
	Trees all marked with the proper T. R. & Sec. as directed in the Manual of May 3d 1881.
	Land Mountainous Soil 2d rate.
	Timber Cedar & pinon.

Chains	E
	O
	tu
10.00	Jr
40.00	S
65.55	E
79.86	S
	14
	S
	V
	N
39.93	S
	V

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Chains

East on random line
bet. Secs. 21 & 28
Var. 16°30' E.
Over N. & E. slope, through
timber.

10.00 Trash drains N.
40.00 Set temp. 1/4 sec. cor.
65.55 Enter hollow drains N.E.
and large timber.
79.86 Intersect N.&S. line
14 links N. of cor. to
secs. 21, 22, 27 & 28,
from which
N 89°54' W. on true line
bet. secs. 21 & 28,
39.93 Set Sandstone 14x10x6"
ins. 10 ins. in the ground
for 1/4 sec. cor. Marked
1/4 on N. side & raised
a mound of stone
alongside.

		chains
79.86	The cor. to secs. 20, 21, 28 & 29. Land N. & E. slope, soil 2d rate. Cedar & pinon on 65.55 chains.	
		58.00
		66.50
		73.00
		80.00
	Arth bet. secs. 20 & 21 Var. 16°30' E.	
.30	Wash drains N.	
1.00	" " "	
18.50	" " "	
23.00	" " "	
29.50	" " "	
40.00	set sandstone 25 x 15 x 8 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face & raised a	

chains	Mound of stone along side.
58.00	Wash drains NE.
66.50	" " "
73.00	" " "
80.00	On low ridge bears NE & SW. Set a Sandstone 19 x 10 x 7 ins. 12 ins. in the ground for cor. to secs. 16. 17. 20 & 21 Marked 4 notches on E. & 3 on S. Edges & raised a mound of stone alongside. Land broken. Soil 2d rate. Timber Cedar & pinon.

— " —

Chains	East on random line bet. secs. 16 & 21. Var. 16°30' E.
16.00	Gullie drains NE.
40.00	Set temp. 1/4 sec. cor.
43.00	Deep Gulch or wash drains NE.
66.00	Wash drains NE.
75.00	~~Enter~~ Leave timber – Enter brush
79.10	Intersect N. & S. line 70 links S. of cor. to secs. 15.16.20 & 21, from which S. 89°30' W. on true line bet. secs. 16 & 21
39.55	Set Sandstone 25 x 12 x 10 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face & raised

BOOK-A-1

Chains	a
	a
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	"
	Bo
79.10	Th
	2
	&
	1
	7
	1
	5.00
	17.00
	40.00
	1

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e	chains	a mound of stone, alongside, from which A pine 4 ins. dia. bears S. 30° W. 22 lks.
		" " 10 " " " S 45° E. 30 "
		Both trees marked 1/4 S. B.T.
ins	79.10	The cor. to secs. 16. 17. 20 & 21.
		Land, high rolling.
brush		Soil 2d rate.
		Cedar & pine on 75 chains.
		"
		North bet. Secs. 16 & 17
		Var. 16° 30' E.
x	5.00	Wash draws N.
	17.00	" " "
	40.00	Set Sandstone 17 & 15 X
		15 ins. 11 ins. sic the

Chains		Chains	
	ground for 1/4 sec. cor. marked 1/4 on W. face from which A pinion 8 ins. dia. bts. S 35½° W. 50 lks. " " 14 " " " N 79° E. 30 " Both trees marked 1/4 S. B. T.		
63.00	Road in wash S E.	22.00	
70.00	Knoll on line.	30.00	
77.00	Wash drains S E.	40.00	
80.00	Top of Knoll - set a Sandstone 20x20x20 ins. 15 ins. in the ground for cor. to secs. 8, 9, 16 & 17 marked 4 notches on E & S. Edges and raised mound of stone alongside.	49.00	
		79.15	
		39.57	
	Land rolling. Cedar & Pinion and		

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Chains — Oak brush — on 89 lks

— " —

East on random line
bet. secs. 9 & 16,
Var. 16°30' E.

22.00 Leave timber.
30.00 Low ridge bears N. & S.
40.00 set temp. 1/4 sec. cor.
49.00 Enter timber.
79.15 Intersect N. & S. line
63 links N. of cor. to
secs. 9. 10. 15 & 16, from
which
N. 89°33' W. on true line
bet. secs. 9 & 16
39.57 Set Sandstone 15 x 6 x
5 ins, 10 ins, in the
ground for 1/4 sec. cor.

chains	
	Marked 1/4 on N. face & raised mound of stone alongside.
79.15	The cor. to secs. 8.9.16 & 17.
	Land rolling.
	Soil 1st rate.
	Timber Cedar & pinon on 53 chains.
	— " —
	North bet. secs. 8 & 9
	Var. 16°30' E.
9.00	Wash drains S E.
25.00	Top of Knoll.
40.00	Set Sandstone 20 x 20 x 20 ins. 14 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. face, from which

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chains	A Cedar 12 ins dia. brs. N 82° W. 30 lks.
	" " 8 " " " N 53½° E 15 "
	"Both trees" marked ¼ S.B.T.
44.00	Top of Knoll.
53.25	Wash drains N.W.
53.50	Road bears N.W. & S.E.
58.50	Top of Knoll.
80.00	Set in hollow drains N.W. a Sandstone 25×20×10 ins, 18 ins. in the ground for cor. to secs. 4, 5, 8 & 9 marked 4 notches on E. & 3 on S. Edges, from which
	A Pine 12 ins. dia. brs. N 37¼° W. 30 lks.
	" " 8 " " " N 38½° E. 20 "
	" " 4 " " " S 16½° E. 20 "
	" " 4 " " " S 76° W. 40 "
	Trees all marked with the proper Tp. R. & sec. as directed in the

chains	Manual of May 3d 1881.
	Land rolling cedar knolls.
	Soil 2d rate.
	Timber cedar & pinion.
	— " —
	East on random line bet. secs. 4 & 9 Var 16° 30' E.
28.50	Low Ridge bears N. & S.
40.00	set temp. 1/4 sec. cor.
45.50	Broad hollow drains S E.
63.50	Ridge bears S E & N W.
74.00	Gullie drains S E.
80.20	Intersect N. & S. line 42 links S. of cor. to secs. 3. 4. 9 & 10, from

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which
S 89° 42' W. on the line
bet. secs. 4 & 9.
40.10 Set a Sandstone 17 x 8
x 4 ins. 11 ins. in the
ground for 1/4 sec. cor.
marked 1/4 on N. face
from which
A pine 7 ins. dia. bears S 20° E. 22 lks.
" " 2½ " " " N 10° E. 17 "
Both trees marked 1/4 S.
B. T.
80.20 The cor. to secs. 4, 5, 8 & 9
Land ~~Land~~ rolling,
Soil 2d rate.
Cedar & Pinion on 80.20 chs

Chains	
	North on true line bet. secs. 4 & 5. Var. 16°30' E.
5.30	Top of cedar knoll.
40.00	Set Pine post 3 ft. long 3 ins. square 12 ins. in the ground for 1/4 sec. cor. marked 1/4 S. on W. face, from which
	A Pine 8 ins. dia. bears S 5° W. 50 lks.
	" 16 " " " N 51½° W. 20 "
	Both trees marked 1/4 S.B.T.
46.30	Leave timber & enter brush.
94.80	Road from Scipio to Salina bears S.E. & N.W.
116.38	Intersect 4th Stand-ard S. 21.44 chains

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W. of the standard
cor. to secs. 35 & 36
T. 20. S. R. 2 W, which is
a Sandstone 24 x 8 x 6 ins.
with stone mound, where
I set a Sandstone 15 x
15 x 7 ins. 10 ins. in
the ground for closing
cor. to secs. 4 & 5, marked
C. C, with 4 notches
on E & 2 on W. Edgls
& raised a mound
of stone alongside,
Land rolling,
Soil 1st rate.
Cedar & pinon on S. 46.
30 chs,
Dense Artemesia & Oak
brush on balance.
Sept. 27th 1882

Chains		
	Sept. 28th 1882	80.00
	From the cor. to secs. 16, 17, 20 & 21, I run West on true line bet. secs. 17 & 20 Var. 16° 30' E	
10.00	Rock gully drains N. Lead timbers enter brush.	
33.00	Gulch drains N.	
40.00	Set Sandstone 20x10 x6 ins. 14 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. face & raised a mound of stone alongside.	
45.50	Gully drains N.	
59.00	" " "	
65.00	" " "	
71.50	" " "	

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R. 2 W. 8 L. M.

80.00 Set Sandstone 15×14×5 ins. 10 ins. in the ground for cor. to secs. 17. 18. 19 & 20, marked 5 notches on E. & 3 on S. Edges, and raised a mound of stone along side.

Land Mountainous, Soil 2d rate.

Cedar Timber on E. 10. chs.

Dense Oak brush on 70 chs.

— " —

The lines South & West are impracticable on account of the Mountains, I therefore

Chains	run	Chains	
	North bet. Secs. 17 & 18		
	Var. 16°30' E.		
40.00	set Sandstone 15 x 10 x 5		
	ins. 10 ins. in the ground		
	for 1/4 sec. cor. marked 1/4		
	on W. face & raised a		
	mound of stone alongside		
	from which the S.W.		
	cor. of Amos Davis		
	fenced and fired, bears		
	S 85°30' E. 42.75 chs. dist.		
	N.W. cor. of same bears		
	N 44° E. 24.50 chs. His		
	Dug-out House bears	23.00	Sec
	N 72° E. 35.50 chs.	49.00	Se
80.00	set Sandstone 13 x 10 x 8 ins.	51.75	Ro
	9 ins. in the ground	53.50	"
	for cor. to secs. 7, 8, 17 & 18	56.50	Sin
	marked 5 notches on E. &	62.50	Ho

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Chains	4 on S. Edgls, & raised a mound of stone along side.
	Land rolling North slope.
	Soil 1st & 2d rate.
	Dense oak brush under growth. on 80 chs.
	No timber.
	— " —
	East on random line bet. secs. 8 & 17
	Var. 16°30' E.
23.00	Leave oak brush.
40.00	Set temp. 1/4 sec. cor.
51.75	Road bears N.W. & S.E.
53.50	" " " " "
56.50	Enter cedar hills.
62.50	Hollow drains N.E.

37

		Chains
80.90	Intersect N.&S. line 70 lks. N. of cor. to secs. 8. 9. 16. & 17, from which N. 89°30' W. on true line bet. secs. 8 & 17	29.50
		40.00
40.45	set Sandstone 15 x 8 x 4 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face & raised a mound of stone alongside.	40.25
		41.25
		50.00
80.90	The cor. to secs. 7. 8. 17 & 18. Land mostly level. Soil 1st rate. Cedar timber on E. 24 links. Dense Oak brush undergrowth on W. 22.00 chains.	56.00
		80.00

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Chains	
	West on random line bet. secs. 7 & 18, Var. 16°30' E.
29.50	Gully drains NE.
40.00	set temp. 1/4 sec. cor.
40.25	Wash drains NE.
41.25	Willow Creek 5 lks. wide runs NE.
50.00	Leave bench & ascend mountains. Sheep corrall S. about 6 chs. at mouth of Willow Creek cañon.
56.00	Gulch drains NE.
80.00	Intersect W. boundary of the Ip. at the cor. to secs. 7 & 18, which is a Sandstone 19 x 8 x 3 ins. with stone mound, from which East on true line bet. secs. 7 & 18.

40.00	Set Sandstone 15 x 12 x 6 ins 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face & raised a mound of stone along side.
80.00	The cor. to secs. 7, 8, 17 & 18. Land Bench & Mountainous soil 1st & 2d rate. Dense Oak brush under growth on 80 chs. No timber.

—"—

BOOK-A

Chains	N.
30.00	Le
	Sa
38.00	Wa
40.00	Se
	in
	Sec
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	of
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80.00	Se
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BOOK-A-189

Chains	
	North bet. secs. 7 & 8
	Var. 16°30' E.
30.00	Leave Oak brush & enter sage brush.
38.00	Wash drains N.
40.00	Set Sand stone 15×6×6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised a mound of stone alongside
41.50	Road bears E & W.
70.90	Willow Creek 25 lks. wide runs N.
80.00	Set Sandstone 17×8×8 ins. 11 ins. in the ground for cor. to secs. 5. 6. 7 & 8. Land level. Soil 1st rate. Dense Oak & Artemisia brush on sec. cho.

BOOK-A-

Chains	
	East on random line bet. secs. 5 & 8. Var. 16°30' E.
4.50	Willow Creek 2 lks. wide runs N.E.
16.00	Road bears N. & S.
27.50	Wash drains N.
34.00	Leave brush & enter timber.
40.00	set temp. 1/4 sec. cor.
80.25	Intersect N. & S. line 26 links N. of cor. to secs. 4, 5, 8 & 9 from which N 89°49' W. on true line bet. secs. 5 & 8
40.12	set Sandstone 12 x 12 x 8 ins. 8 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face, from which A Pinion 15 ins. dia. brs. N 15° E. 20 lks. " " 8 " " " S 7° E. 40 "

Chains	
80.25	Bi
	W
	L
	C
	E
	D
	3
	N
18.00	D
25.00	As
	br
40.00	se
79.92	In
	of

BOOK-A-189

Chains	Both trees marked 1/4 S.B.T.
80.25	The cor. to secs. 5. 6. 7 & 8,
	Land level & rolling.
	Soil 1st rate.
	Cedar & pine timber on
	E. 46.00 25 chains.
	Dense undergrowth on
	34.00 chains.
	West on random line
	bet. secs. 6 & 7
	Var. 16°30' E.
18.00	Dep. to bank drains N.E.
25.00	Ascend bench, & enter oak
	brush & leave sage.
40.00	Set temp. 1/4 sec. cor.
79.92	Intersect West boundary
	of the Tp. 14 lks. N. of the

BOOK-A-1

chains		chains
	cor. to secs. 6 & 7, which is a Sandstone 24 x 14 x 7 ins. with stone mound, from which	
	N. 89° 54' E. on true line bet. secs. 6 & 7.	40.00
39.92	Set Sandstone 20 x 12 x 9 ins. 14 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face & raised a mound of stone along side.	44.00 44.50 114.50 116.15
79.92	The cor. to secs. 5. 6. 7 & 8, Land level & bench soil 1st rate. Dense Oak brush under-growth on 79.92 chs. No timber	

BOOK-A-189

chains	
	North on true line bet. secs. 5 & 6 Var. 16° 30' E.
	In brush
40.00	set Limestone 19 x 7 x 5 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised mound of stone alongside.
44.00	Road bears SE & NW.
44.50	Deep wash drains NW.
114.50	Road bears NE & SW.
116.15	Intersect 4th standard Parallel south, 21.60 chs. W. of the standard cor. to secs. 34 & 35, T. 20 S. R. 2 W, which is a Sandstone 18 x 12 x 7 ins. with Stone mound; where I set a sandstone 20 x 6 x 4 ins. 14 ins. in the ground for

closing cor. to sec. 5 & 6
marked C.C. with 5 notches
on E & 1 on N. Edges &
raised a mound of
stone alongside.
Land level.
Soil 1st rate.
Dense artemisia under
growth on 116.15 chs.
No timber.
Sept. 28th 1882.

EMM

BOOK-A-189

General Description.

The lands in this township consist mostly of timbered hills & mountains covered with cedar & pinion pine, soil 2d & 3d rate.

The balance is level Plateau & flats soil 1st & 2d rate.

Amos Irie has made a settlement in sec. 17. There is also a settlement in sec. 34

No mineral found.

Henry Pittsburgh
U. S. Dep. Surv

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Dec. 20th 1882

The foregoing field notes of the survey of the ...

Subdivisions

Township No 21 South Range No 2 West

Executed by Henry Fitzhugh

Under his contract of the 26th

day of July 1882, in the month of

September 1882, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.

Fred Salomon

U. S. Surveyor General for Utah.

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REPORT: 1883.

Filed 188

Examined by John H. Quigley

Transcribed by B.R. Stevenson

Compared by Edward Michaelis & B.R. Stevenson

FIELD NOTES

OF THE SURVEY OF THE

East Resurvey of the North and Survey of the West boundaries

OF

Township No. 24 South

Range No. 5 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Henry Fitzhugh

U. S. Deputy Surveyor,

Under his Contract No. 109

Dated July 28th 1882

Survey commenced September 8th 1882

Survey completed September 19th 1882

189-A

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NAMES AND DUTIES OF ASSISTANTS:

Otto E. Salzman	Compassman
Stephen M. Farnsworth	Chainman.
David B. Farnsworth	Chainman.
Martin L. Anderson	Chainman.
George Willden	Chainman.
Charles W. Roberts	Axeman.
Asm Ahed	Axeman.
Joseph Hedden	Flagman.
Marion W. Scott his x mark	axeman

BOOK-A-189 395

East Boundary T. 24 S. R. 5 W.

Before commencing the survey I took an observation for latitude & having set it off on the arc of my solar compass I turned the sights of the instrument into the meridian, obtained from an observation on the star Polaris, and found my instrument correct.

Survey examined Sept. 18th 1882.

From the cor. to Tps. 24 & 25 S. R. 4½ & 5 W. which is Granite 30 x 15 x 4 ins. with stone mound, I run

North lat. Secs. 31 & 6

East Boundary T. 24 S.

chains	Var. 16° E.
3.00	Top of Ridge bears E & W.
7.50	Hollow drains N. ascend East slope.
24.50	Top of slope
40.00	Set Granite 30×30×4 ins. 20 ins in the ground for 1/4 sec. cor. marked 1/4 on W. face, & raised a mound of stones alongside
50.00	Enter Head of Skunk hollow drains SE.
62.50	Wash drains SE. leave the hollow
64.00	enter cedars.
78.50	Gulch drains SE.
80.00	Set Granite 40×30×4 ins 25 ins. in the ground for cor. to secs. 25.30.31 & 36 Marked 5 notches on N.

BOOK-A

R. 5

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40.00	S
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	s
54.00	T
80.00	Se

BOOK-A-189

R. 5 W. S. L. M.

	& 1 on S. Edges & raised a mound of stone along side.
	Land Mountainous, Soil 3d rate.
	Cedar timber on N. 16 chs.
	— " —
	North bet. Secs. 25 & 30 Var. 16° E.
5.00	Leave timber.
40.00	Set Granite 20×17×10 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face and raised a mound of stone along side.
54.00	Ridge bears E. & W.
80.00	Set Granite 18×18×8 ins.

East Boundary T. 24 S. R.

chains	12 lks. in the ground for cor. to secs. 19. 24. 25 & 30, marked 4 notches on N. & 2 on S. Edges, and raised mound of stone alongside. Land Mountainous Soil 2d rate. Cedars on S. 5 chs.	66.50	G
		8.00	C
			S
			10
			co
			M
			S
			M
			se
			X
	"		
	Arch bet. secs. 19 & 24 Var. 16° E. Descending.		C
			C
4.00	set Granite 26 x 12 x 10 lks. 18 lks. in the ground for 1/4 sec. cor. marked 1/4 on N. face, and raised a mound of stone along side.		C
			M
		5.00	S
		28.50	E

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S. R. 5 W. S. L. M.

66.50 Gulch drains NE.

80.00 On East slope of Ridge = Set Granite 16 x 12 x 7 ins. 10 ins. in the ground for cor. to secs. 13. 18. 19 & 24, marked 3 notches on N. & S. Edges, and raised mound of stone along side.

Land Mountainous, Soil 2d rate.

Oak brush.

No timber.

"

North bet. Secs. 13 & 18

Var. 16° E.

5.00 Top of Knoll.

28.50 Creek 4 lks. Wide Runs SE.

East Boundary T. 24 S. R. 5

35.00	Road to Kanosh bears E & W. Enter "Bull Valley".
40.00	Set Flint stone 16×12×8 ins. 10 ins. in the ground for 1/4 sec. cor. Marked 1/4 on W. face & raised a mound of stone alongside.
70.50	Wash drains S.E. Leave Valley.
80.00	Set Flint Stone 12×10×10 ins. 8 ins. in the ground for cor. to secs. 7, 12, 13 & 18. Marked 2 notches on N. & 4 on S. Edges & raised mound of stone alongside.
	Land mostly Mountainous, Soil 1st rate.
	Oak brush & Grass.
	No timber
	"

BOOK-

chains	
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40.00	se
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	se
41.50	G
60.00	R
73.50	Wa
80.00	Se
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BOOK-A-189396

R. 5 W. S. L. M.

	chains	North bet. Secs. 7 & 12
		Var. 16° E.
	35.00	Ridge bears NE & W.
	40.00	Set Granite 20×12×12 ins.
		15 ins. in the ground
		for 1/4 sec. cor. marked
		1/4 on W. face and raised
		a mound of stone along
		side,
	41.50	Gulch drains SE.
	60.00	Ridge bears NW & SE.
	73.50	Wash drains SE, accord.
	80.00	Set Sandstone 50×40×10 ins.
		30 ins. in the ground for
		cor. to sec. 1. 6. 7 & 12,
		marked 7 & 1 notch on N.
		& 5 on S. Edges, and
		raised mound of stone
		alongside.
		Land monument.

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East boundary T. 24 S.

chains	
	Soil 1st rate.
	Grass, & oak brush.
	No timber.
	North bet. secs. 1 & 6
	Var. 16° E.
14.00	Ridge bears NW & SE.
24.50	"First Creek" 1 lk. wide runs SE.
40.00	set Red Sandstone 18×16×4 ins. 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, & raised a mound of stone along side
55.00	Head of Hollow drains SE
80.00	Ridge bears SE & NW.
	Note: See note at the

BOOK-

R. 5

chains	
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	S
	I
83.00	D
106.50	G
108.50	R
121.00	G
151.15	O
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BOOK-A-189

48. R. 5 W. S. L. M.

chains beginning of the field
notes of the 5th standard
South in Range 4½ W.
I continue on North
83.00 descend rocky ledges.
106.50 Gulch drains Northwesterly
108.50 Ridge bears E & W.
121.00 Gulch drains W.
151.15 On N.W. point of Ridge:
Cond: mountainous, soil 3rd rate rocky.
Timber: No timber.

Note: Being unable to find
and identify, with cer-
tainty, any old cor. on
which to close, I set
a temporary closing
cor. at this point and
run a blank line:
Mch 6 miles 10.60 chs
to the ¼ sec. cor
on the S. side of sec. 34

BOOK-A-1

Re-survey between Tps 23 & 24 S. R

T. 23. S. R. 6 W.
Finding most of the old corners displaced and some not found at all, therefore in order to reset and identify them on which to close the subdivision lines, I find it necessary to make a re-survey of the line.
Sept. 18th 1882.

Tuesday Sept. 19th 1882.
From the 1/4 sec. cor. on the S. side of sec. 34 T. 23 S. R. 6 W, which is a Granite 20 x 16 x 6 ins.
I run
East on Re-Survey line

chains

5.00

35.00

40.00

24 S. Rs. 5 and part of 6 W.

chains along South Side of Sec. 34.
Var. 16° E.

Note: The note at the beginning of the notes of the 6th Standard South Range 4½ W. will explain the cause of running this line partly in Range 5 & 6 W. of Tp. 23 S.

5.00 Quartz ridge bears N.W. Descend

35.00 Foot of Ridge bears N.W.

40.00 Find old stone displaced. I re-set same viz: A Blue Limestone 20 x 12 x 10 ins, 15 ins. in the ground for re-established cor. to Secs 34 & 35 marked 2 notches on E & 4 on W.

Re-Survey between Tps 23 & 24 S.

chains	Edges, & raised a mound of stone alongside. The three bearing trees are standing properly marked.	
	Land Mountainous,	71.25
	Soil 3d rate rocky.	80.00
	A few cedars.	
	Note: On account of the error in closing, the corners on this line will now only be common to two secs.	
	East on Re-Survey line along South side sec. 35.	
12.50	Hollow drains NW.	
40.00	Find old stone lying loose - I re-set same viz: A Limestone 24 x 12 x 6 ins, 18 ins. in the ground for re-established 1/4 sec. cor. marked 1/4	

on N. face & raised a mound of stone along side — The two bearing trees are gone.

71.25 Ravine drains N.

80.00 Old stone not found = Set Quartz stone 15 x 10 x 9 ins. 10 ins. in the ground for re-established cor. to secs. 35 & 36, marked 1 notch on E. & 5 on W. Edges & raised mound of stone alongside.

The bearing trees have been probably cut down.

Land rolling.

Soil 2d rate.

Timber cedar on 80 chs.

Re= Survey between T.ps. 23 & 24 S.

Chains	
	East on Re=survey line along S. Side Sec. 36 Var. 16° E.
4.50	Enter Road bears S.W. & E. to
28.25	Forks of road bearing N. & S. and W. in a hollow drains N.
40.00	Find old stone thrown over. I re=set same by: A White limestone 20×12×8 ins. 15 ins. in the ground for re=established 1/4 sec. cor. marked 1/4 on N. face, & raised mound of stone alongside.
50.75	Ravine drains N.W. Creek has gone dry—
70.00	Ridge bears N. & S.
80.00	Find the old Quartz

BOOK-A-189

24 S. R. 5 & 6 W. S. L. M.

stone 24x12x8 ins, standing ~~marked~~ in a flat hollow drains N. marked 6 notches on N. E. S & W. Edges for cor. to T. 23 S. R. 5 & 6 W.

Land rolling,
Soil 1st rate.
Timber scattering cedar & Dense sage brush under growth on 80. chs.

—— " ——

Re-survey between T. 23 & 24 S. R. 3

chains	East on Resurvey line along the S. side sec. 31. Var. 16° E.
5.00	Ridge bears NW & SE.
11.25	Mud Road bears N. & S.
12.55	Wash drains N.
40.00	Find old stone standing: Viz: a white sandstone 25 x 12 x 10 ins. properly marked for 1/4 sec. cor. to which I added a mound of stone along side.
45.00	Ridge bears N. & S.
65.00	Hollow drains N.
75.00	" " NW.
80.00	Find old stone displaced = Re-set same viz: a Blue Limestone 18 x 13 x 12 ins. 12 ins. in the ground for

chains

20.00
36.00

BOOK-A-189 406

24 S. R. 5 W. S. L. M.

chains	n=established cor. to secs. 31 & 32, marked 5 notches on E. & 1 on W. ldgls, and raised mound of stone alongside. The old bearing tree standing. Land rolling. Soil 1st rate. Scattering cedars & Dense undergrowth on 80, chs.
	— " —
	East on Re=survey line along S. side sec. 32 Var. 16° E.
20.00	Ridge, bears N. & S.
36.00	Ranne drains N. The creek mentioned in old notes must have dried up, as I find no water here.

Re-survey between Tps. 23 & 24 S., R. 6

		Chains
37.00	Branch 2 lks. wide must.	
40.00	Find old stone standing=	
	viz: A White Sandstone 20x.	
	15x5 ins. properly marked	
	for 1/4 sec. cor. The two	
	bearing trees are standing.	
40.50	Wood road bears N. & S E.	
52.00	The town of Kanosh bears	
	N. about 2 1/4 miles Dist.	
56.00	Wash drains N W.	
62.50	Ridge bears N. & S W.	6.00
71.00	Hollow drains N.	13.25
80.00	Old stone not found=	16.50
	Set Granite 18x11x9 ins.	
	12 ins. in the ground for	
	re-established cor. to	
	secs. 32 & 33, marked	40.00
	4 notches on E. & 2 on W.	
	Edges, & raised mound	
	of stone alongside.	
	Land rolling.	

BOOK-A-189

R. 5 N. S. L. M.

	Chains	
ling=		Soil 1st rate.
o Lot.		Scattering cedar & Dense
Red		undergrowth on 80 chs.
o		
nding.		
16.		
bears		East on Re=survey line
dist.		along S. side Sec. 33,
		Var. 16° E.
	6.00	Hollow drains N.
	13.25	Spring branch must N.
d=	16.50	" " 5 lks. wide runs
gins.		NW. A large spring of
d for		fresh water bears S. 5° E
to		about 10 chs.
Red	40.00	Old sandstone lying loose
on N.		on the ground= I re=set
ound		same viz: Sandstone 24×12
o.		×6 ins. 18 ins. in the ground
		for re=established 1/4 Sec.

Re-survey between Tps 23 & 24 S.R.

chains		chains
	cor. marked 1/4 on N. face & raised mound of stone alongside.	
59.10	Hollow drains N. E.	35.00
75.50	" " "	
80.00	Old stone not found = set a Red Sandstone 20 x 11 x 5 ins. 15 ins. in the ground for re-established cor. to secs. 33 & 34, marked 3 notches on E & W. Edges and raised mound of stone alongside.	40.00
	Land rolling.	42.00
	Soil 1st rate.	50.60
	Timber Groves of Cedar & Dense undergrowth on 80 chs.	

BOOK-A-189 415

S.R. 5 W. S.L.M.

Chains	East on Re-survey line along S. side sec. 34. Var. 16° E.
35.00	Ridge 100 ft. high bears ~~bears~~ N. & S.
40.00	Old stone not found - set a Sandstone 30 x 8 x 8 ins, 20 ins. in the ground for re-established 1/4 sec. cor. marked 1/4 on N. face & raised mound of stone alongside.
	Leave re-survey line -
42.00	Gulch drains N. ascend.
50.60	To the temporary closing cor. set in running the East boundary of T. 24 S. R. 5 W, in place of which I set a Sandstone 30 x 8 x 4 ins. 20 ins. in the

	Chains	Lks.
ground, for closing cor. to Tp. 24 S. R. 4½ W. Marked "D. C." for Double Corner, with 6 notches on E. N. & S. Edges, & raised mound of stone along side.		
Land unmeasured.		
Soil 2d rate.		
Scattering Cedars &	15.00	
Dense undergrowth in	18.50	
50.00 chs.	38.50	
	40.00	
	49.50	
	70.00	

BOOK-A-169

#12

West Boundary T. 24 S. R. 5 W.

Chains	
	From the cor. to townships 24 & 25 S. R. 5 & 6 W. which is a Granite 40×24×10 ins. with stone mound, I saw
	Arch on the W. side of Sec. 31.
	Var. 16° E.
15.00	Gulch drains E.
18.50	Ridge bears N.W. & S.E.
38.50	Gulch drains N.W.
40.00	set Sand Stone 15×12×7 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, and raised mound of stone along side.
49.50	Gulch drains N.W.
70.00	Ridge bears E. & W.

BOOK

West boundary T. 24 S. R. 5 W.

80.00	Set Sandstone 15 x 15 x 10 ins. 10 ins. in the ground for cor. to secs. 30 & 31. & fractional sections 27 & 34. marked 5 notches on N. & 1 on S. Edges and raised a mound of stone alongside.	40.00
	Note: The cause of these fractional secs. is explained in the beginning of the notes of the 5th Standard S. in Range 4½ W.	70.50
	Land Mountainous	80.00
	Soil 2d rate.	
	No timber.	
	Dense Undergrowth on sec.	
	— " —	
	North along W. side sec. 30.	
	Var. 16° E.	
8.50	Gulch drains W. Ascend.	

BOOK-A-189 414

R. 5	W.	S. L. M.
15×10	40.00	set Sandstone 16×12×9 ins. 10 ins. in the ground for 1/4 sec. cor. Marked 1/4 on W. face & raised Mound of stone along side
ground	70.50	Top of divide bears E & W. Descend.
&	80.00	Set Sandstone 18×18×5 ins. 12 ins. in the ground for cor. to secs. 19 & 30 & fractional secs. 22 & 27, Marked 4 notches on N & 2 on S. Edges & raised Mound of stone along side.
7 & 34 and side these		Land Mountainous, Soil 2d rate.
x =		No timber.
ining		Dense underground.
th stand		on 80 chs
1/2 W.		
s		
on 80		
sec.		
ed.		

West boundary T. 24 S. R. 5 W.

chains		
	North along W. side sec. 1	
	Var. 16° E.	
	Descending.	
23.50	Hollow drains N.	
30.38	Gulch " "	
40.00	Set Limestone 20×20×4 ins. 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, and raised a mound of stone along side.	10.00
		13.50
45.00	Ridge bears E & W.	24.50
50.00	Gulch drains E.	34.50
80.00	Set Limestone 24×10×4 ins. 18 ins. in the ground for cor. to secs. 18 & 19, and fractional secs. 15 & 22, marked 3 notches on N. & S. edges & raised mound of stone along side.	40.00
		44.50
		51.00

BOOK-A-189 416

S. L. M

	Land Mountainous, soil 2d rate. No timber — Oak brush, on 80 chs
	"
	North along the West Side sec. 18. Var. 16° E.
10.00	Gulch drains E.
13.50	Ridge bears E & W.
24.50	Gulch drains E.
34.50	Ridge bears E & W.
40.00	Set Sandstone 20 x 15 x 10 ins. 10 ins. in the ground for 1/4 Sec. cor. marked 1/4 on W. face, and raised mound of stone alongside.
44.50	Gulch drains E.
51.00	Ridge bears E & W.

BOOK

West boundary T. 24 S. R. 5 W. S.

67.00	Gulch drains E.	34.00
80.00	Major Gulch drains NW.	40.00
	Set Limestone 19x17x12	
	mis. 12 mis. in the ground	
	for cor. to secs. 7 & 18 &	
	practical returns 10 & 15.	
	Marked 2 notches on N. &	50.00
	4 on S. Edges, and raised	80.00
	mound of stone along	
	side.	
	Land mountainous,	
	Soil 2d rate.	
	No timber.	
	Dense Oak brush, on 80	
	North along W. side sec. 7,	
	Var. 16° E.	
11.00	Gulch drains W.	
28.50	Ridge bears NW & E.	

BOOK-A-189

R. 5 W. S. L. M.

34.00	Gulch drains N.W.
40.00	set Sandstone 20x15x8 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised mound of stone alongside.
50.00	Ridge bears N.W. & S.E.
80.00	set Sandstone 18x12x4 ins, 12 ins. in the ground for cor. to secs. 6 & 7, & fractional secs. 8 & 10, marked 1 notch on N. & 5 on S. Edges, and raised mound of stone alongside.
	Land Mountainous.
	Soil 3d rate.
	Oak brush, on 80ch
	No timber.

— " —

West boundary T. 24 S. R. 5 W.

chains	
	North along W. side sec. 6 Var. 16° ~~00'~~ E.
3.00	Gulch drains N.W.
18.50	Ridge bears N.W. & S.E.
40.00	set Sandstone 20×17×12 ins. 15 ins. in the ground for ¼ sec. cor. marked ¼ on W. face, & raised mound of stone along side.
65.00	Enter open hollow drains N.W.
85.00	Road East & W.
90.00	Leave hollow. and enter timber & ascend
132.00	Ridge bears E & N.W.
149.50	Intersect the south boundary of T. 23 S. R. 6 W. 30.20 chains West of the cor. to secs. 34 & 35 and 9.80 chs. E. of ¼ cor. on S. side sec. 34. where I set a Limestone 20×10×4

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ins. 15 ins. in the ground
for closing cor. to Tp. 24
S. R. 5 & 6, W. marked
D. C. with 6 notches
on E. S. & W. edges, &
raised a monument
of stones alongside.
from which
A cedar 6 ins. dia. bears
West. 45 links, marked
D. C. as witness to
the "double cor", and
which is also the closing cor.
Land mountainous.
Soil 2d rate.
Cedar timber on 59.50 chs.
North part.
Sept. 19th 1882.

"

421

Note:
For General Description see end of subdivision mtg.
Henry Fitzhugh
U.S. Dep. Sur

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BOOK-A-189 422

U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Dec. 20th 1882

The foregoing field notes of the survey of the East, re-survey of the North and survey of the West boundaries

Township No. 24 South Range No. 5 West

of the Salt Lake Meridian, Utah Territory,

Executed by Henry Fitzhugh

Under his contract No. 109

of the 26th day of July 1882,

in the month of September 1882,

having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby aproved.

Fred Salmon

U. S. Surveyor General for Utah.

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423

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REPORT: 1883.

Filed 188

Examined by John H. Cumpa

Transcribed by Benj. R. Stevenson

Compared by Edward Michaelis & Ben. R. Stevenson

FIELD NOTES

OF THE SURVEY OF THE

Subdivisions

OF

Township No 24 South,

Range No 5 West

OF THE

SALT LAKE MERIDIAN

IN

UTAH TERRITORY,

AS SURVEYED BY

Henry Fitzhugh

U. S. Deputy Surveyor.

Under his Contract No. 109

Dated July 26th 1882

Survey commenced September 20th 18

Survey completed September 22d

189-12

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Township 24 S. **R.** 5 West

	405		406		408		410				
419	6	511	5	489	4	473	3	457	2	440	1	397
	509		508		487		472		455		439	
417	7	507	8	486	9	470	10	454	11	438	12	396
	505		504		484		469		453		436	
416	18	503	17	483	16	468	15	451	14	435	13	394
	501		500		482		467		450		433	
415	19	499	20	481	21	465	22	449	23	431	24	393
	497		496		479		464		447		430	
413	30	495	29	478	28	463	27	446	26	429	25	392
	493		492		477		461		445		427	
412	31	491	32	475	33	460	34	443	35	425	36	390

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NAMES AND DUTIES OF ASSISTANTS:

Otto C. Salzman ..... Compassman.
Stephen M. Farnsworth ..... Chainman.
David B. Farnsworth ..... Chainman.
Martin L. Anderson ..... Chainman.
George Willden ..... Chainman.
Charles M. Roberts ..... Axeman.
Orson Allred ..... Axeman.
Joseph Hadden ..... Flagman.
Marion M. Scott his mark axeman

BOOK-A-189/25

Subdivision T. 21 S. R. 5 W.

Survey commenced Sept. 20th 1882, with a Burto improved solar compass which I tested on a meridian obtained from an observation on the star Polaris, & found it in adjustment, and the latitude correct. From the cor. to secs. 1, 2, 35 & 36, on the south boundary of the township, which is a Granite 17 x 11 x 3 ins. with stone mound, from which I run

North bet. secs. 35 & 36

Var. 16° E.

1,50 Road bears E & W, Spring East about 2 chs. Charles Crane Cabin remains

Subdivisions T. 24 S. R. 5 W.

chains	is about 150 lks. N. of the spring.	
4.00	South side of corrall Leave meadow –	
6.00	N. side of corrall.	
11.00	W. point of ridge.	
17.00	Hollow & wash drains W. Ascend.	
40.00	Set Granite 25×10×5 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised mound of stone along side.	20.00
70.00	On E. slope of high rocky Butte. Descend.	40.00
		50.00
80.00	Set Granite 21×12×4 ins 15 ins. in the ground for cor. to secs. 25, 26, 35 & 36, marked 1 notch on	75.00
		80.00

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W.	S. L. M.
	E. & S. Edges, and raised mound of stone along side.
	Land mountainous, Soil 2d rate.
	Dense oak brush, on 80 chs
	A few cedars.
	"
	East on random line bet. Secs. 25 & 36 Var. 16° E.
20.00	Gulch drains N.W. Ascend
40.00	set temp 1/4 sec. cor.
50.00	Top of South slope.
75.00	Gulch drains S.E. Enter cedars.
80.00	Intersect East boundary of the Township at the

chains		chains
	cor. to secs. 25 & 36, which is a Granite 40 x 30 x 4 ins. with mound of stone, from which West on true line	5.50
	bet. secs. 25 & 36	38.00
40.00	set Granite 15 x 11 x 9 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on it. face & raised mound of stone along side.	40.00
		55.00
80.00	The cor. to secs. 25. 26. 35 & 36.	62.00
	Land Mountainous.	80.00
	Soil 2d rate.	
	Dense oak brush on 1 sch.	
	Cedars on E. 5 chs.	

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Chains	North bet. Secs. 25 & 26 Var. 16° E.
5.50	Gulch drains N.W. Over West Slope.
38.00	The South one of Mary's Nipples bears East 60 chs
40.00	Set Granite 14×6×4 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, & raised mound of stone alongside.
55.00	North Nipple bears E. 60 chs.
62.00	Gulch drains N.W.
80.00	Set Granite 20×10×6 ins. 15 ins. in the ground for cor. to secs. 23, 24, 25 & 26, marked 1 notch on E. & 2 on S. Edges, & raised mound of stone along

chains		
	side,	
	Land mountainous,	
	Soil 2d rate.	
	Dense oak brush, on 80 chs	
	No timber,	39.97
	East on random line	
	bet. Secs. 24 & 25	
	Var. 16° E.	79.94
9.00	Ridge bears N.W. & S.E.	
15.00	Ridge Gulch drains N.W.	
30.00	Ridge bears N.W. & S.E.	
40.00	set temp. 1/4 sec. cor. in	
	ravine drains N.W.	
60.00	Ridge bears N.W. & S.E.	
	Descend,	
79.94	Intersect E. boundary	
	of the Tp. 7 lks. N. of	3.00

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the cor. to secs. 24 & 25,
from which
N. 89°57' W. on true line
bet. secs. 24 & 25.
39.97 set Granite 12 x 12 x 10 ins.
8 ins. in the ground for
1/4 sec. cor. marked 1/4 on
N. face, & raised a
mound of stone along
side.
79.94 The cor. to secs. 23. 24. 25 & 26,
Land mountainous
soil 2d rate.
N. timber,

—"—

North bet. secs. 23 & 24
Var. 16° E,
3.00 Ridge bears N. W. & S. E.

		Chains
20.00	Gulch drains N.W.	
40.00	At N.W. point of slope; set a Sandstone 20×12×6 ins 15 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised a mound of stone along side.	
41.00	"Second Creek" runs N.E. 2 lks. wide; heads S.W. at a Spring 7 chs. Dist.	
42.50	Road to Kanosh bears N.E. in hollow drains N.E.	
50.00	E. point of low ridge;	
55.00	Enter "Bull Valley".	
63.00	Dep. wash drains E.	11.00
80.00	set Quartzite 14×10×4 ins. 10 ins. in the ground for cor. to secs. 13, 14, 23 & 24, marked 1 notch on	12.00
		22.00
		30.00

BOOK-A-189

chains	E. & 3 on S. Edges, and raised mound of stone alongside.
	Land Mountainous on 55 chs.
	Soil 2d rate.
	Balance grassy valley soil 1st rate.
	No timber.
	East on random line bet. Secs. 13 & 24 Var. 16° E.
11.00	Road bears NE
12.00	"Second Creek" two links wide runs NE; Leave Valley
22.00	On point of spur ridge.
30.00	Gulch drains N.

40.00 On small hill: set a temp. 1/4 sec. cor.
50.00 Creek draws N.W.
70.00 Ridge bears N.W.S.
79.88 On E. slope. Intersect East boundary of the township at limits N. of cor. to secs. 13 & 24 from which
N. 89°51' W. on true line bet. secs. 13 & 24.
49.84 set Sandstone 15x11x 8 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face & raised mound of stone alongside.
79.88 The cor. to secs. 13, 14, 23 & 24.
Land mountainous on 67.68 chains.

25.00
33.00
40.00
42.00
50.00
57.50
80.00

BOOK-A-189

Balance Valley,
Soil 1st & 2d rate.
No timber.

" "

North bet. Secs. 13 & 14
Var. 16° E.

25.00 Leave Valley
33.00 Gulch drains SE.
40.00 Set Quartzite 13 x 12 x 8 ins.
9 ins. in the ground for
1/4 sec. cor. Marked 1/4 on
W. face, & raised mound
of stone alongside.
42.00 Spur Ridge bears NW
& SE.
50.50 Gulch drains SE.
57.50 " " 1/2 Ascend
80.00 Set Sandstone 18 x 14 x 12 ins.

12 ins. in the ground for cor. to secs. 11. 12. 13 & 14 Marked 1 notch on E & 4 on S. Edges & raised Mound of stone along side.

Land mountainous on 55 chs.

Balance grassy valley soil 1st & 2d rate. No timber.

"

East on random line bet. secs. 12 & 13 Var. 16° E.

Over South slope.

40.00 set temp. 1/4 sec cor.

70.00 Wash drains S E.

79.90

39.95

79.90

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79.90 Intersect E. boundary of the Tp at the cor. to secs. 12 & 13, from which
West on true line
bet. secs. 12 & 13.

39.95 set Sandstone 14 x 12 x 9 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. side, & raised mound of stone alongside.

79.90 The cor. to secs. 11, 12, 13 & 14.
Land Mountainous,
soil 2d rate.
No timber

Chains		
	North bet. Secs. 11 & 12	
	Var. 16° E.	
	Ascend.	
30.00	High ridge bears S.W. & N.E.	
	Descend.	
40.00	Set Sandstone 20 x 9 x 6	
	ins. 15 ins. in the ground	
	for 1/4 sec. cor. Marked	
	1/4 on W. face & raised	
	mound of stone	40.00
	alongside.	70.00
80.00	Set Sandstone 25 x 16 x 7	79.86
	ins. 18 ins. in the ground	
	for cor. to secs. 1, 2, 11 & 12	
	Marked 1 notch on E.	
	& 5 on S. Edges, and	
	raised mound of	39.93
	stone alongside.	
	Land mountainous,	
	Soil 2d rate.	

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Heavy oak brush, on sec.
No timber.

"

East on random line
bet. secs. 1 & 12
Var. 16° E.
Over N. slope.

40.00 set temp. 1/4 sec. cor.
70.00 Gulch drains S E.
79.86 Intersect E. boundary of
the township, 14 links N. of
cor. to secs. 1 & 12, from which
N. 89°54' W. on the line
bet. secs. 1 & 12
39.93 set Sandstone 16 x 8 x 7 ins.
10 ins. in the ground
for 1/4 sec. cor. marked
1/4 on N. face & faced

chains	a mound of stone alongside.	32.50
79.86	The cor. to secs. 1.2.11 & 12	40.00
	Land mountainous, soil 2d rate, No timber. Dense oak brush,	
	On 79.86	
	"	69.65
		77.15
	Knowing that the line North will close "out" over 5 chs. I therefore run	92.15
		111.40
		119.15
		146.00
	North on the line bet. secs. 1 & 2 Var. 16° E.	151.00
7.00	First creek 3 links wide, runs N. in deep hollow. Ascend,	

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32.50	High ridge bears NE & SW. Descend.
40.00	set Sandstone 20x8x7 ins. 15 ins. in the ground for 1/4 sec. cor. Marked 1/4 on W. face & raised a mound of stone along side.
69.65	Gulch drains NW.
77.15	" " "
92.15	Spur Ridge bears NW & SE.
111.40	Deep Gulch drains NW.
119.15	Ridge bears NW & SE; descend-
146.00	Foot of mountains.
151.00	Intersect N. boundary of the township 10.50 chs. East of the 1/4 sec. cor. on the S. side of sec. 33 T. 23 S. R. 5 W. which is a Sandstone 24x12x6 ins. with stone mound, where I set Sand stone 20x14x6 ins.

Chains		Chains
	15 lks. in the ground for Double Cor. to secs. 1 & 2, marked D.C. with 1 notch on E. & 5 on N. edges & raised a mound of stone alongside.	
	Land mountainous, soil 2d rate.	16.50
	Dense oak brush, on 15/C.	37.50
	No timber.	40.00
	"	
		46.00
		53.00
		59.00

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Chains	
	From the cor. to secs. 34 & 35, on the S. boundary of the Tp. which is a Granite 19 x 8 x 5 ins, with stone mound, Iron North bet. Secs. 34 & 35 Var. 16° E.
16.50	Granite ridge bears NW. & SE.
37.50	Wash in broad hollow, drains NE.
40.00	Set Granite 15 x 14 x 5 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised a mound of stone alongside.
46.00	Wash drains E.
53.00	Low ridge bears E. & W.
59.00	Enter Grassy Hollow drains SE.

		Chains
69.70	Grass Creek 4 links wide runs S.E: heads W.	
75.00	Leave Grassy hollow & ascend.	5.00
80.00	set Granite 16×7×5 ins. 10 ins. in the ground for cor. to secs. 26.27.34 & 35, Marked 2 notches on E. & 1 on S. Edges, & raised a mound of stone alongside.	36.35
		40.00
		80.10
	Land mostly mountainous Soil 1st & 2d rate. No timber.	40.05
		80.10

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Chains	
	East on random line bet. secs. 26 & 35 Var. 16° E.
5.00	Enter grass flat.
36.35	Road bears N.&S. leave flat.
40.00	set temp 1/4 sec. cor. & mound.
80.10	Intersect N.&S. line at the cor. to secs. 25, 26, 35 & 36, from which Wst on true line bet. secs. 26 & 35.
40.05	set Granite 25 X 20 X 12 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face, & raised a mound of stone along side.
80.10	The cor. to sections 26, 27, 34 & 35.

chains		
	Land mostly mountainous.	80.00
	Soil 2d & 3rd rate.	
	No timber.	
	North bet. secs. 25 & 26	
	Var. 16° E.	
	Ascend	
40.00	set Granite 22×14×5 ins 11 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised a mound of stone alongside.	
41.50	Ridge bears E. & W.	3.50
44.50	Head of beech drains N.	40.00
55.00	Ridge bears N. & S. W.	43.50
75.00	Same " " off N. E.	51.50

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80.00 Set Granite 21×12×4 ins. 15 ins. in the ground for cor. to secs. 22, 23, 26 & 27, Marked 2 notches on E. & South Edges, and raised mound of stone alongside.

Land mountainous, soil 2d rate.

Dense oak brush.

on 80 chs.

East on random line bet. secs. 23 & 26

Var. 16° E.

3.50 Ridge bears NE & SW. descend,

40.00 Set ~~Gran~~ temp. ¼ sec. cor.

43.50 Wash in hollow drains N.

51.50 Ridge bears N. & S.W.

59.80 Creek 2 links wide runs N.W. general course NE.

60.00 Road bears NE. & S.W. Ascend.

80.10 Intersect N. & S line 10 links S. of cor. to secs. 23. 24, 25 & 26, from which S. 89° 56' W. on true line bet. secs. 23 & 26.

40.05 Set Granite 24 x 17 x 4 ins. 18 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised mound of stone along side.

80.10 The cor. to secs. 22, 23. 26 & 27 Land mountainous, Soil 2d rate, No timber.

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North bet. secs. 22 & 23,
Var. 16°E.

8.00 Gulch drains W.

40.00 set Granite 20x6x3 ins.
15 ins. in the ground for
1/4 sec. cor. Marked 1/4 on
W. face & raised mound
of stone alongside.

54.00 Branch 3 links wide drains
N. Enter "Bull Valley".

70.00 Leave Valley; ascend.

80.50 set Granite 20x6x6 ins.
15 ins. in the ground
for cor. to secs. 14.15.22 & 23,
Marked 2 notches on E. &
3 on S. Edges, and raised
mound of stone along
side.

Land mostly mountainous
soil 2d & 4th rate.

Chains	Grass in Valley, No timber.
	East on random line bet. secs. 14 & 23 Var. 16° E.
15.00	Enter "Bull Valley"
40.00	Set temp 1/4 sec. cor.
50.00	Level Valley
55.00	South point of ridge.
60.00	Enter valley
80.16	Intersect N. & S. line 14 links S. of cor. to secs. 13, 14, 23 & 24, from which S. 89°54' W. on true line bet. secs. 14 & 23.
40.08	Set Sandstone 14 x 10 x 6 ins. 10 ins. in the ground

80.16

4.00

8.00

36.50

40.00

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for ¼ sec. cor. marked
¼ on N. face & raised
mound of stone along
side.

80.16 The cor. to secs. 14, 15, 22 & 23.
Land mostly valley.
Soil 1st rate.
No timber.
Good grass in valley.

"

North bet. Secs. 14 & 15
Var. 16° E.

4.00 Spur ridge bears SW & SE.
8.00 Deep gulch drains SE.
36.50 High ridge bears SW & NE.
40.00 On same ridge: set a
Sandstone 25 x 20 x 6 ins.
18 ins. in the ground

Chains	for 1/4 sec. cor. marked 1/4 on W. face & raised mound of stone along side, from which	
	A Cedar 15 ins. dia. brs. N 23° W. 42 lks.	
	A Mahogany 6 " " " N 63° E. 54 "	
	Both trees marked 1/4 S. B. T.	9.00
66.00	Deep hollow heads at a low gap 3 chs. SW, & drains N.	40.00
80.00	Set Sandstone 28 x 12 x 8 ins. 18 ins. in the ground for cor. to secs. 10, 11, 14 & 15, marked 2 notches on E & 4 on S. Edges, & raised mound of stone along side.	80.20
	Land mountainous & rocky 2d rate.	40.10

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A few cedar & mahogany
at 1/4 cor.

"

East on random line
bet. secs. 10 & 14
Var. 16° E.

9.00 Gulch drains N.; spring
about 8 chs. down the
gulch. Ascend.

40.00 on high ridge bears N.
W.N.W. and spur S.E.
Set temp. 1/4 sec. cor. and
descend.

80.20 Intersect N.&S. line 10 lks.
south of cor. to secs. 11, 12, 13
& 14, from which
S 89° 56' W. on true line
bet. secs. 11 & 14

40.10 Set Sandstone 18 x 9 x 9 ins.

12 lks. in the ground
for 1/4 sec. cor. marked
1/4 on N. face & raised
mound of stone
alongside.

80.20 The cor. to Secs. 10.11.14 & 15
Land Mountainous.
Soil 2d rate.
No timber.

North bet. Secs 10 & 11
Var. 16° E.
Ascend.

40.00 Set Limestone 14 x 6 x 2
lks. 10 lks. in the ground
for 1/4 sec. cor. marked
1/4 on W. face & raised
mound of stone along

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side.

50.00 Peak on high ridge bears
N E & S W. Descend, ~~on~~

80.00 Set limestone 24x12x6 ins.
18 ins. in the ground for
cor. to secs. 2. 3. 10 & 11, marked
2 notches on N. & 5 on
S. Edges, and raised a
mound of stone along
side.

Land mountainous
soil, 2d rate.
Dense Oak brush,
on 80 chs.

"

East on random line
between secs. 2 & 11
Var. 16° E.
Ascend.

20.00	Spur Ridge bears N.&S.	Chains
40.00	Set temp. 1/4 sec. cor. on	
..	Ridge bears NE&SW.	
	Descend to	
66.00	"First Creek" 3 lks. wide	
	runs E. in hollow.	
80.18	Intersect N.&S. line	
	7 links S. of the cor. to	
	secs. 1, 2 & 11 & 12, from	
	which	
	S. 89° 57' W. on true line	
	bet. secs. 2 & 11	
40.09	set Limestone 17 x 11 x 9	
	ins. 11 ins. in the ground	8.50
	for 1/4 sec. cor. marked	35.00
	1/4 on N. face and	40.00
	raised mound of stone	
	alongside.	
80.18	The cor. to secs. 23. 10 & 11.	
	Land mountainous,	

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Chains	Soil 2d rate.
	Grass & Oak brush.
	No timber: on 8.01 & chs.
	"
	Knowing that the line North will close "out" over 5 chs, I therefore run.
	North on true line bet. secs. 2 & 3. Var. 16° E.
8.50	Gulch drains N.W.
35.00	Spur ridge bears N.W. & S.E.
40.00	set Limestone 15×11×6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised Mound of stone along

Chains side.

45.50 Deep bulch drains N.W. 8 chains; thence N. Ascend along W. Slope

81.00 N.W. point of Spur ridge.

95.50 bulch drains N.W.

105.00 Low bedar ridge bears N.W. & E.

115.00 bullie drains N.W.

144.00 " " "

149.85 Intersect N. boundary of the township 10.95 chains E. of the 1/4 sec. cor. on the S. side of sec. 32, T. 23 S. R 5 W. which is a white sand-stone 20x15x5 ins. with 2 bearing trees, where I set a sandstone 20x14x10 ins. 15 ins.

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in the ground for
"Double Corner" to secs.
2 & 3, marked D. C,
with 2 notches on E
& 4 on W. edges &
raised mound of
stone alongside.
Land mountainous,
soil 2d rate.
A few cedars as noted.
Sept. 20 1882.

Chains	Sept. 21st 1882.	
	From the cor. to secs. 33 & 34, on the south boundary of the Tp. which is a Sandstone 24×24×10 ins. with mound of stone, I run	80.00
	North bet. secs. 33 & 34 Var. 16° E.	
	Ascend.	
25.00	Ridge bears E. & W.	
	Descend	
40.00	set Granite 18 in. × 4 ins, 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face & raised a mound of stone alongside.	4.00
		20.00
46.00	Enter Grassy hollow.	36.00

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8.00 In hollow drains SW. set Sandstone 18x10x4 ins. 12 ins. in the ground for cor. to secs. 27.28.33 & 34, marked 3 notches on E & 1 on S. Edges, and raised mound of stone along side.

Land mountainous, soil 2d rate.

No timber.

East on random line bet. Secs. 27 & 34 Var. 16° E.

4.00 Ascend.

20.00 Ridge bears NW & SE.

36.00 Wash drains S E.

38.00	Mach drains S.E.
40.00	set temp. 1/4 sec. cor.
42.00	Ridge bears N.W. & S.E.
62.50	Enter hollow drains S.E.
68.50	Leave " " "
79.88	Intersect N.&S. line at the cor. to secs. 26.27.34 & 35 from which West on true line bet. secs. 27 & 34
39.94	Set Granite 20×14×9 ins. 5 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face & raised a mound of stone along side.
79.88	The cor. to secs. 27.28.33 & 34, Land mountainous, soil 2d rate. No timber.

Chains.	
3.00	Le
20.00	Ri
40.00	Se
	10
	1/4
	W.
	M
	se
50.00	G
58.50	G
66.00	R
75.00	D
	W
	of
80.00	C
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	fo
	2

BOOK-A-189

Chains.	
	North bet. secs. 27 & 28
	Var. 16° E.
3.00	Leave hollow & ascend.
20.00	Ridge bears N & SW
40.00	set Granite 16 x 10 x 4 ins 10 ins. in the ground for 1/4 sec cor. marked 1/4 on N. face & raised a mound of stone along side.
51.00	Gulch drains N.
58.50	Gully " E.
66.00	Ridge bears SE & NW.
75.00	Deep Canon drains NW. Water pockets in bottom of Canon.
80.00	set Sandstone 18 x 10 x 4 ins. 12 ins. in the ground for cor. to secs. 21, 22, 27 & 28, marked S ~~[illegible]~~

chains	East & 2 on S. edges & raised a mound of stone alongside.
	Land Mountainous, Soil 2d rate.
	No timber.
	—— " ——
	East on random line bet. Secs. 22 & 27 Var. 16° E.
	Ascend.
18.00	Ridge bears N.W. & S.E.
30.00	" " N.W. & S.
40.00	set temp. 1/4 sec. cor.
60.00	Gulch drains N.E.
79.92	Intersect N. & S. line 14 lks. S. of the cor. to secs. 22, 23, 26 & 27, from which I

BOOK-A-189

run
S. 89 54 W. on true line
bet. Secs. 22 & 27
39.96 Set Granite 14 x 10 x 6 ins.
10 ins. in the ground for 1/4
sec. cor. marked 1/4 on N.
face & raised a mound
of stone alongside.
79.92 The cor. to Secs. 21, 22, 27 & 28.
Land Mountainous
Soil 2d. rate.
No timber.

North bet. Secs. 21 & 22
Var. 16° E.
7.00 Spring in ~~the~~ Cañon
5 chs. W. drains N.W.
Elm & W. Hope Co.

40.00	Set Limestone 12×8×4 ins. 8 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised a mound of stone alongside, and Enter "Bull Valley".
48.00	Leave it, and ascend.
76.50	High ridge bears NE & SW.
80.00	Set Sandstone 30×10×5 ins. 20 ins. in the ground for cor. to secs. 15.16.21 & 22, marked 3 notches on E. & S. edges, and raised mound of stone alongside.
	Land Mountainous.
	Soil 2d rate.
	No timber.
	"

BOOK-A-

Chains	E.
10.00	Re
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40.00	Se
79.96	In
	cor.
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39.98	Se
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	on
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79.96	W
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BOOK-A-189

Chains	
	East on random line bet. secs. 15 & 22 Var. 16° E.
10.00	Ridge bears N & S N. Along south slope.
40.00	Set stump, 1/4 sec. cor.
79.96	Intersect N.S. line at the cor. to secs. 14, 15, 22 & 23, from which Met on true line bet. secs. 15 & 22,
39.98	Set sandstone 12 x 12 x qus. 8 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face & raised a mound of stone along side.
79.96	Thy cor. to secs. 15, 16, 21 & 22. Land mountainous Soil 2nd rate. Not timber.

Chains	
	North bet. secs. 15 & 16
	Var. 16° E.
18.00	Brook 1 lk. wide in deep
	Cañon drains N. There is
	a spring up the same
	about 30 chs NE.
	Ascend to
36.50	High ridge bears SE & NW.
40.00	set Limestone 21 x 9 x 5 ins.
	15 ins. in the ground for
	1/4 sec. cor. marked 1/4 on
	N. face & raised a mound
	of stone alongside; descend:
56.50	Deep Gulch drains NW.
72.00	Gulch drains SW.
80.00	Set Sandstone 24 x 10 x 4 ins.
	18 ins. in the ground for
	cor. to secs. 9, 10, 15 & 16. marked
	3 notches on E. & 4 on S.
	Edges & raised a mound

Chains.	
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	X
40.00	
45.00	
79.86	

chains.	
	of stone alongside, on a flat topped ridge bears N.W. & S.E.
	Land Mountainous.
	Soil 2d rate
	Oak brush on 80 cho No timber.
	"
	East on random line bet. Secs. 10 & 15
	Along N. Var 16° E. Slope.
40.00	set temp. 1/4 sec. cor.
45.00	Ridge bears N & S W.
	Descend.
79.86	Intersect N. & S. line 21 lks. S. of the cor. to secs. 10, 11, 14 & 15, from which S. 89° 51' W. on true line bet. Secs. 10 & 15.

39.93	Set Sandstone 16 x 11 x 11 ins, 10 ins. in the ground for 1/4 sec. cor. Marked 1/4 on N. face, & raised a mound of stone alongside.
79.86	The cor. to secs. 9, 10, 15 & 16. Land Mountainous. Soil 2d rate. Oak brush - on 79.86 chs No timber.
	North bet, secs. 9 & 10. Var. 16° E.
	Descend.
31.00	Gulch drains NW.
40.00	Set Limestone 18 x 6 x 4 ins, 12 ins. in the ground for 1/4 secs cor, Marked 1/4 on W. face & raised

BOOK-A

Chains	
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70.00	He
80.00	He
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BOOK-A-189

Chains	
	a mound of stone alongside.
58.00	Deep Gulch drains W. there is a spring up same about 10 chs.
70.00	High Ridge bears E & W.
80.00	Head of gulch drains W. set Limestone 18x8x8 ins. 12 ins. in the ground for cor. to secs. 3.4.9&10, marked 3 notches on E. & 5 on S. Edges and raised mound of stone alongside.

Land mountainous,
soil 2d rate.
No timber

Chains East on random line
bet. Secs. 3 & 10
Var. 16° E.

Ascend

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

Descend

36.00 Ravine drains S.

40.00 set temp. 1/4 sec. cor.

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

72.50 Gulch drains N.

79.90 Intersect N. & S. line 7 lks.
S. of cor. to secs. 2, 3, 10 & 11
from which
S. 89° 57' W. on true line
bet. Secs. 3 & 10

39.95 set Limestone 14 x 11 x 8 ins.
10 ins. in the ground
for 1/4 sec. cor. marked 1/4
on N. face & raised a
mound of stone along

79.90 The
L

7.65
15.00

40.00

BOOK-A-189

side.

79.90 The cor. to secs. 3. 4. 9 & 10.
Land Mountainous,
Soil 2d rate.
Oak brush. on 79.90 chs
No timber.

Knowing that the line
north will close over
5 chs. "Out" I therefore
run
North on a true line
bet. Secs. 3 & 4
Var. 16° E.

7.65 Gulch drains W.
15.00 High ridge bears NE. & SW.
Descend.
40.00 set Limestone 14 x 6 x 4 ins.

chains	10 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face & raised mound of stone alongside.
46.15	Gulch drains E.
55.15	Deep " " NW.
80.15	" " W.
	Along W. slope.
106.00	Gulch drains NW.
151.10	Intersect N. boundary of the Township 10.30 chs. E. of the 1/4 sec. cor. on the S. side sec. 31. Tp. 23 S. R. 5 W. which is a white Sandstone 25×12×10 ins. with stone mound, where I set a Sandstone 14×12×4 ins. 10 ins. in the cor. for double cor. to secs. 3 & 4, marked 3

BOOK-A-189

notches on E. & W. Edges
with D.C. and raised
a mound of stone along
side, in a gully drains
N.W.
Land mountainous
Soil 2d rate.
A few cedars;

"

From the cor. to secs. 32 &
33 on the south boundary
of the Tp. which is a
Granite 20 x 15 x 8 ins.
with stone mound, I run
North bet. Secs. 32 & 33
Var. 16° E.
Ascend
2000 Ridge bears N.W. & S.E.

		Chains
40.00	Set Granite 12x12x10 ins. 8 ins. in the ground for 1/4 Sec. cor. Marked 1/4 on N. face & raised mound of stone along side.	10.00
		20.00
		30.00
55.00	Ravine drains N	
80.00	On E. Slope: Set a Granite 18x10x6 ins. 12 ins. in the ground for cor. to Secs. 28, 29, 32 & 33, Marked 4 notches on E & 1 on S. Edge & raised mound of stone alongside.	4.00
		5.00
		80.10
	Land Mountainous, Soil 2nd rate. No timber.	40.05

BOOK-A-189

Chains	
	East on random line bet. Secs. 28 & 33 Var. 16° E.
10.00	Ravine drains N.
20.00	N.W. point of hill.
30.00	Gulch drains N.W.
	Ascend.
40.00	set temp. 1/4 sec. cor.
50.00	Ridge bears N.W. & S.E.
	Descend.
80.10	Intersect N. & S. line at the cor. to secs. 27, 28, 33 & 34, from which West on the line bet. Secs. 28 & 33
40.05	Set Granite 16 x 11 x 9 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face and raised a mound of stone alongside.

80.10	The cor. to secs. 28.29.32 & 33.
	Land mountainous, soil 3d rate.
	No timber.
	"
	North bet. Secs. 28 & 29 Var. 16° E.
8.00	Ridge bears N E & S W.
35.00	Gulch drains N W.
40.00	Set Granite 18 x 13 x 5 ins, 12 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, & raised mound of stone along side. Ascend.
58.00	Ridge bears N W. & S E. Descend,

BOOK-A

80.00	In a 15 co M & M S o
30.00	

BOOK-A-189

80.00 In ditch drains N.W. set a Sandstone 20 x 18 x 10 ins. 15 ins. in the ground for cor. to secs. 20. 21. 28 & 29, Marked 4 notches on E. & 2 on S. Edges & raised mound of stone along side.

Land mountainous, Soil 2d rate, No timber.

"

East on random line bet. secs. 21 & 28 Var. 16° E.

Ascend.

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

Descend.

BOOK-A

		Chains
40.00	Set temp. 1/4 sec. cor.	
54.00	Ranie drains N.	
74.00	Gulch drains NW.	
80.20	Intersect N. & S. line 10 links N. of the cor. to secs. 21, 22, 27 & 28, from which N. 89°56' W. on true line bet. secs. 21 & 28	15.00
40.10	Set Sandstone 14 x 13 x 6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face & raised a mound of stone along side,	40.00
80.20	The cor. to secs. 20, 21, 28 & 29. Land mountainous, Soil 2d rate. No timber	76.50
		80.00

BOOK-A-189

Chains	
	North bet. Secs. 20 & 21
	Var. 16° E.
	Ascend
15.00	Ridge bears N.W. & S.E.
	Descend.
40.00	Set Limestone 18 x 17 x 12 ins. 12 ins. in the ground for 1/4 sec. cor. marked 4 on N. face, & raised a mound of stone along side. Ascend
76.50	Ridge bears N.W. & S.E.
80.00	Set Sandstone 20 x 12 x 7 ins. 15 ins. in the ground for cor. to secs. 16, 17, 20 & 21, marked 4 notches on E. & 3 on S. Edges & raised mound of stone along side.

Land Monument.

chains	
	Soil 2d rate.
	No timber.
	—— " ——
	East on random line
	bet. Secs. 16 & 21
	Var. 16° E.
	Descend
40.00	set temp. 1/4 sec. cor.
44.00	In Cañon drains N.W.
	Ascend.
80.16	Intersect N. & S. line 14
	links N. of the cor. to
	secs. 15, 16, 21 & 22, ~~marked~~
	from which
	N. 89°54' W. on true line
	bet. Secs. 16 & 21
40.08	Set Limestone 12 x 12 x
	11 ins. 8 ins. in the ground

BOOK-A

fo
1/4
W
S
80.16
40.00

BOOK-A-189

for 1/4 sec. cor. marked
1/4 on N. face & raised
mound of stone along
side.

80.16 The cor. to secs. 16.17.20 & 21.
Land mountainous,
Soil 2d rate.
No timber.

"

North bet. Secs. 16 & 17
Var. 16°E.
Along rim of ridge.

40.00 Set Limestone 24x24x8
ins. 18 ins. in the ground
for 1/4 sec. cor. marked
1/4 on N. face & raised
a mound of stone
alongside.

BOOK-

8.00	On Ridge bears S.E. & N.W.	20.00
	Set Sandstone 17 x 15 x 12	30.00
	ins. 11 ins. in the ground	40.00
	for Cor. to secs. 8, 9, 16 & 17	
	Marked four Notches	
	on E. & S. Edges and	50.00
	raised Mound of stone	80.26
	alongside.	
	Land Meandered	
	Soil 2d qlty.	
	Timber,	
	Oak brush.	
		40.13
	East on random line	
	bet. secs. 9 & 16.	
	Var. 16° E.	
5.00	Gulch trains N.W.	80.26
12.00	Ridge bears N.W. & S.E.	

BOOK-A-189

20.00	Ranie drains N.W.
30.00	Ridge bears N.W. & S.
40.00	Set temp 1/4 sec. cor. on N. side of Cañon drains N.W.
50.00	Ascend.
80.26	On top of flat ridge. & Intersect N. & S. line 15 lks. S. of the cor. to secs. 9, 10, 15 & 16, from which S. 89° 54' W. on true line bet. secs. 9 & 16,
40.13	Set Sandstone 13 x 11 x 7 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face & raised a mound of stone along side.
80.26	The cor. to secs. 8, 9, 16 & 17. Land Mountainous.

BOOK-

chains	Soil 2d rate.	74.00
	No timber.	80.00
	Oak brush, on 80.26 chs	
	"	
	North bet. secs. 8 & 9	
	Var. 16° E.	
	Along East slope to	
30.00	Gulch drains N.W.	
	Ascend.	
40.00	Set Limestone 24 x 20 x	
	10 ins. 18 ins. in the	
	ground for 1/4 sec. cor.	
	Marked 1/4 on W. face &	
	raised mound of stone	
	alongside.	
58.00	Ridge bears E & W.,	14.00
65.00	Head of gulch drains	25.00
	E.	

BOOK-A-189

74.00 Ridge bears E & W.
10.00 Set Limestone 20×18×12 ins.
15 ins. in the ground for
cor. to Secs. 4, 5, 8 & 9, marked
4 notches on E. & 5 on S.
edges, and raised a
mound of stone along
side.
Land Mountainous
Soil 2d rate.
No timber.

"

East on random line
bet. Secs. 4 & 9
Var. 16° E.
12.00 Enter Cañon drains N.
25.00 Across the cañon & ascend
N. side of gulch heads E.

		Chains
40.00	Set temp. 1/4 sec. cor.	
80.12	Intersect N. & S. line 50 lks	
	N. of cor. to secs. 3.4.9 & 10	
	from which	
	N. 89°39' W. on true line	
	bet. secs. 4 & 9	
40.06	Set Limestone 16 x 14 x 8	3.50
	ins. 10 ins. in the ground	16.00
	for 1/4 sec. cor. marked	40.00
	1/4 on W. face & raised a	
	mound of stone along	
	side.	
82.12	The cor. to secs. 4, 5, 8 & 9.	
	Land mountainous	
	Soil 3d qlty - rocky	60.00
	No timber.	63.25
		68.00
		72.00
		82.00
		110.00
		130.50

Chains	
	Knowing that the line North will close more than 5 chs. "out", I therefore run North bet. Secs. 4 & 5 on a true line.
3.50	Gulch drains NW.
15.00	Ridge bears E & W.
40.00	set Limestone 14×12×10 ins. 9 ins. in the ground for 1/4 sec. cor. marked 1/4 on W. face, & raised a mound of stones alongside.
60.00	Main Gulch drains NE.
63.25	Gulch " E.
68.00	Ridge bears E & W.
72.00	Gulch drains E
82.00	Ridge bears NE & SW.
110.00	Wash drains NE.
130.50	Head of wash drains NE.

490

BOOK

		Chains.
150.00	On N. side of ravine, where I intersect the N. boundary of the township 9.70 chs. E. of the 1/4 sec. cor. on the S. side secs. 36 & 25 T. 23 S. R. 6 W. where I set a Limestone 20 x 9 x 9 ins. 15 ins. in the ground for "Double cor." to secs. 4 & 5, marked "D. C" with 4 notches on E. & 2 on W. Edges & raised a Mound of stone along side.	
	Land Mountainous,	
	Soil 1st & 2d rate.	50
	No timber —	70
	Oak & Sage brush.	80
On 15 chs	Sept. 21st 1882	

BOOK-A-189 491

Chains.	
	Sept. 22d 1882.
	From the cor. to secs. 31
	32, on the S. side of
	the township which is a
	Granite 18 x 12 x 8 ins with
	stone mound & new
	Arch bet. secs. 31 & 32
	Var. 16° E.
8.00	Ridge bears N. & S.
24.00	Gulch drains N. ascend
40.00	On Ridge bears N.W. & E. Set
	Granite 12 x 12 x 11 ins, 8 ins
	in the ground for 1/4 sec.
	cor. marked 1/4 on N. face
50.00	Head of ravine drains N.
70.00	Ridge bears N. & S.
80.00	Set Granite 16 x 11 x 8 ins.
	10 ins. in the ground for
	cor. to secs. 29, 30, 31 & 32

chains	marked 5 notches on E. & 1 on S. Edges & raised a mound of stone along side.	3.
	Land Mountainous, Soil 2d rate.	39.98
	No timber.	
	— " —	
	East on random line bet. Secs. 29 & 32. Var. 16° E.	79.96
10.00	Ridge bears NE & SW.	
23.00	Ravine drains NE.	
4[illegible]	On Ridge bears N & S. Set temp 1/4 Sec.	
59.00	Ravine drains NE.	
74.00	Ridge bears NE & SW.	
79.96	Intersect N. & S. line at the cor. to secs. 28. 29,	90

32 & 33; from which
West on true line
bet. Secs. 29 & 32
39.98 Set Granite 14 x 11 x 6 ins,
10 ins. in the ground
for 1/4 sec. cor. marked
1/4 on N. face & raised
mound of stone along
side.
79.96 The cor. to secs. 29, 30, 31 & 32.
Land Mountainous,
Soil 2d rate.
No timber.

— " —

West on random line
bet. Secs. 30 & 31
Var. 16° E.
9.00 Ravine drains N.E.

20.00 Ridge bears N.W. & S.E.
Descend.
40.00 Set temp. 1/4 sec. cor.
48.00 Ravine drains N.W.
Along N. slope.
79.70 Intersect W. boundary of
the Tp. at the cor. to secs.
30 & 31, which is a Sand=
stone 15×15×10 ins. with
stone mound, from which
East on true line
bet. Secs. 30 & 31
39.70 Set Granite 15×10×9 ins.
10 ins. in the ground
for 1/4 sec. cor. marked
1/4 on N. face & raised a
mound of stone alongside.
79.70 The cor. to secs. 29.30.31 & 32.
Land mountainous.
Soil 2d rate. No timber

BOOK-A-189

Chains	
	North bet. Secs. 29 & 30
	Var. 16° E.
8.00	Ravine drains N.
30.00	N. point of hill.
39.00	Ravine drains NE.
40.00	Set Granite 16×11×8 ins 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face & raised a mound of stone alongside.
	Ascend NE. slope.
8.00	Set Granite 15×7×7 ins. 10 ins. in the ground for cor. to secs. 19. 20. 29 & 30, marked 5 notches on E. & 2 on S. Edges, & raised a mound of stone along side.
	Land mountainous.

BOOK-A-

chains		
	Soil 2d rate.	89.97
	No timber.	
	"	
	East on random line	
	bet. Secs. 20 & 29	79.94
	Var. 16° E.	
	Descend.	
30.00	Ravine drains NE.	
40.00	On N. point of ridge: Set temp. 1/4 sec. cor.	
53.00	Gulch drains NW.	
65.00	Ridge bears NW & SE.	
79.94	Intersect N. & S. line 13 lks. N. of the cor. to secs. 20. 21. 28 & 29. from which	
	N. 89° 54' W. on true line	
	bet. Secs. 20 & 29.	

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5.00
17.00
25.00
35.00

BOOK-A-189

19.97 Set Granite 16 x 13 x 4 ins.
10 ins. in the ground
for 1/4 sec. cor. marked
1/4 on N. face & raised
mound of stone along
side.

19.94 The cor. to secs. 19, 20, 29 & 30.
Land mountainous
soil 2d rate.
No timber.

—— " ——

West on random line
bet. secs. 19 & 30
Var. 16° E.

5.00 Ridge bears NE & SW.
17.00 Ravine drains NW.
25.00 N. point of ridge.
35.00 Ravine drains NE.

BOOK-A

40.00 set temp. 1/4 sec. cor.
Thence along N. slope
79.72 Intersect W. boundary
of the Tp. 15 lks. S. of
the cor. to secs. 19 & 30,
which is a Sandstone 18
18 x 5 ins. with stone mound
from which
S. 89° 54' E. on true line
bet. secs. 19 & 30
39.72 Set Sandstone 14 x 11 x 9 in
10 ins. in the ground for
1/4 sec. cor. Marked 1/4
on N. face & raised a
mound of stone along
side.
79.72 The cor. to secs. 19. 20. 29 & 30
Land mountainous
Soil 2d rate.
Oak brush & some cedars.

Chains | N.
7.00 | R
40.00 | Tk
Se
8
1
0.
7
60.00
80.00

BOOK-A-189

chains

North bet. Secs. 19 & 20
Var. 16° E.

7.00 Ridge bears N & S N.
40.00 Head of Gulch drains N W.
set Sandstone 12 x 12 x 8 ins.
8 ins. in the ground for
1/4 sec. cor. marked 1/4
on W. face & raised a
mound of stone along
side. - Ascend W. Slope.
60.00 Ridge bears N & S E.
80.00 On N. point of ridge. Set
Sandstone 16 x 13 x 7 ins.
10 ins. in the ground
for cor. to secs. 17, 18, 19 &
20. Marked 5 notches on
E. & 3 on S. Edges & raised
mound of stone along
side.

Land monumentation.

BOOK-A-18

chains Soil 2d rate.
No timber.

East on random line
bet. secs. 17 & 20.
Var. 16° E.

20.00 Gulch drains N.W.
35.00 S.E. point of ridge.
40.00 set temp. 1/4 sec. cor.
77.00 Ridge bears N.W. & S.E.
79.88 Intersect N. & S. line 7 lks.
N. of cor. to secs. 16, 17, 20 & 21
from which
N. 89° 57' W. on true line
bet. secs. 17 & 20
39.94 set Sandstone 14 x 9 x 7
ins. 10 ins. in the ground
for 1/4 sec. cor. marked

1/4 a
a M
al
79.88 The
La

W

17.00
40.00
79.68

BOOK-A-189

1/4 on N. face & raised
a mound of stone
along side.
79.88 The cor. to secs. 17, 18, 19 & 20.
Land mountainous,
Soil 2d rate,
No timber.

West on random line
bet. secs. 18 & 19
Var. 16° E.
17.00 Gulch drains N.
Ascend.
40.00 On Ridge bears N. & S. Set
temp. 1/4 sec. cor.
Descend.
79.68 Intersect N. boundary
of the Township 13 Rks.

BOOK-A-189

S. of the cor. to secs. 18 & 19 which is a Limestone 24 x 10 x 4 ins. with Stone mound, from which S. 89° 54' E. on true line bet. Secs. 18 & 19.

39.68 Set Limestone 16 x 11 x 9 ins 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on b. face & raised a mound of stone along side.

79.68 The cor. to secs. 17, 18, 19 & 20.
Land Mountainous,
Soil 2d rate.
No timber.
Oak brush. on 79.68 chs

Lains

19.50

40.00

55.00

79.75

80.00

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Arch bet. Secs. 17 & 18.
Var. 16° E.
Descend.
Gulch drains N.W.
On Ridge bears N.W. & S.E. Set
a Limestone 17 x 11 x 9 ins.
11 ins. in the ground
for 1/4 sec. cor. marked
1/4 on W. face & raised
a mound of stone
along side.
Gulch drains N.W.
Ridge bears N.W. & S.E.
Set Sandstone 14 x 10 x 6
ins. 10 ins. in the ground
for cor. to secs. 7, 8, 17 & 18
Marked 5 notches on E.
& 4 on S. Edges & raised
a mound of stone
along side.

BOOK-A-1

chains	Land Mountainous, soil 2d rate. No timber.
	"
	East on random line bet. Secs. 8 & 17 Var. 16° E.
30.00	Gulch drains N.W.
40.00	set temp. 1/4 sec. cor.
60.00	Gulch drains N.W.
79.80	Intersect N. & S. line 10 lks S. of the cor. to secs. 8. 9. 16 & 17, from which S. 89° 56' W. on true line bet. Secs. 8 & 17,
39.90	set Limestone 16 x 8 x 7 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4

on
m
se
79.80 Th
2
0.50
31.10
40.00
60.18
79.64

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on N. face & raised a
mound of stone along
side.

79.80 The cor. to secs. 7, 8, 17 & 18.
Land mountainous
Soil 2d rate.
No timber.

"

West on random line
bet. secs. 7 & 18.
Var. 16° E.

0.50 Ridge bears N.W. & S.E.
31.10 Gulch draws N.W.
Set temp. 1/4 sec. cor.
40.00 On ridge bears N.W. & S.E.
60.18 Head of Gulch draws N.W.
79.64 Intersect N. Boundary of
the Tp. 12 lks. S. of the
cor. to secs. 7 & 18. which is

a Limestone 19 x 17 x 12 ins.
with mound of stone,
from which
S. 89°55' E. on true line
bet. Secs. 7 & 18

39.64 Set Limestone 18 x 12 x 6
ins. 12 ins. in the ground
for 1/4 sec. cor. marked
1/4 on N. face & raised
a mound of stone along
side.

79.64 The cor. to secs. 7. 8. 17 & 18.
Land Mountainous.
Soil 2d rate.
No timber.

"

BOOK-A-189

Rains	North bet. secs. 7 & 8.
	Var. 16° E.
12.25	Ravine drains N.
40.00	Set Limestone 14 x 10 x 6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face & raised a mound of stone alongside.
57.76	Ravine drains N.
80.00	On Ridge bears NE & SW. Set Limestone 17 x 11 x 6 ins. 11 ins. in the ground for cor. to secs. 5. 6. 7 & 8, marked 5 notches on E. & S. Edges, and raised a mound of stone alongside.
	Land Mountainous, soil 2d rate. No timber.

BOOK-A-1

chains	East on random line bet. Secs. 5 & 8. Var. 16° E.
19.76	Ravine drains N.
32.25	" " N.
40.00	Set temp. 1/4 sec. cor.
43.00	N. point of ridge.
79.85	Intersect N. & S. line 15 links S. of the cor. to secs. 4, 5, 8 & 9, from which S. 89°54' W. on true line bet. Secs. 5 & 8
39.92½	Set Limestone 16 x 11 x 6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face & raised a mound of stone around,
79.85	The cor. to secs. 5, 6, 7 & 8. Land Meandered,

35.60

40.00

61.25

74.90

79.60

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Lot 2d rate.
No timber.

West on random line
bet. Secs. 6 & 7
Var. 16° E.

Descend.
35.60 Ravine drains N.
Ascend.
40.00 Set temp. 1/4 sec cor.
61.25 Ridge bears N.W. & S.E.
74.90 Ravine drains N.W.
79.60 Intersect W. boundary
of the Tp. 20 links S.
of the cor. to secs. 6 & 7
which is a Sandstone
18 x 12 x 4 ins. with stone
mound, from which

BOOK-A-

chains	
	S 89°51' E. on true line bet. Secs. 6 & 7
39.60	Set Sandstone 14 x 10 x 6 ins. 10 ins. in the ground for 1/4 sec. cor. marked 1/4 on N. face & raised a mound of stone along side.
79.60	The cor. to secs. 5. 6. 7 & 8. Land Mountains, Soil 2d rate. No timber.

" "

BOOK-A-189

Running that the
line North will close
more than 5 chs. "out"
I therefore, I run,
North on true line
bet. Secs. 5 & 6
Var. 16° E.
Descend N.W. slope.
4000 Set Limestone 12 x 12 x 6
ins. 8 ins. in the ground
for 1/4 Sec. cor. marked
1/4 on W. face & raised
a mound of stone
alongside.
45.60 Ravine drains N.W.
105.00 Gulch drains N.
186.50 Ridge bears N 21 W S E
Descend.
126.60 Road N & S W.
149.75 Intersect North boundary

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of the township 9.40
chs. E. of the 1/4 sec. cor.
on the S. side of sec. 33
T. 23 S. R 6 W. where I
set a Limestone 15 x 10 x
4 ins. 10 ins. in the
ground for "Double Cor.
to secs. 5 & 6, marked
"D C", with 3 notches on
& 1 on W. Edges, & raised
mound of stone along
side.
Land Mountainous
Soil 2d rate.
No timber except
a few cedars on N. part
Sept. 22d 1882

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Note:
The observation for latitude was taken at every point, and time, when I set up my instrument to line in my flagman.

—"—

514

General Description.

The lands in this Ty.
are mostly mountaino
There are several small
creeks and springs
in different parts of
the township.
The Settlement of Chas.
Crane, in sec. 30 & 36,
is the only one now in
the Township. The gra
in Bull Vally and
along grass creek &
in the canons affora
fine pasturage for th
heards of stock.

Henry Fitzhugh
U. S. Dep. Surv.

575

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U. S. SURVEYOR GENERAL'S OFFICE,

Salt Lake City, Utah, Dec. 20th 1882

The foregoing field notes of the survey of the ...

Subdivisions

Township No. 24 South Range No. 5 West.

Executed by Henry Fitzhugh

Under Sus. contract No. 109 of the 20th

day of July 1882 in the month of

September 1882, having been critically examined, the necessary corrections and explanations made, the said field notes, and the surveys they describe are hereby approved.

Fred Salomon

U. S. Surveyor General for Utah.