Volume

#

R0382

BOOK A-382

INDEX DIAGRAM.

Township 27 South, Range 10 West

				21		22		23
6	5	4	20	3	44	2	31	1
				43		43		31
7	8	9	19	10	42	11	30	12
				41		40		29
18	17	16	18	15	39	14	28	13
				39		38		28
19	20	21	17	22	37	23	27	24
				36		36		26
30	29	28	16	27	35	26	25	25
				34		33		25
31	32	33	15	34	32	35	24	36

6—151

FIELD NOTES

OF THE SURVEY OF THE

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Of the ..... *Meridian,*

In the State of .....

EXECUTED BY

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In the capacity of U. S. Surveyor...., under instructions dated ....., *191....,*

issued by the United States Surveyor General to govern surveys included in

Group No. ....., *which were approved by the Commissioner of the General Land*

Office, ..., *191...., pursuant to authority contained in the Act of*

Congress dated ....., *191....*

Survey commenced ....., *191....*

Survey completed ....., *191....*

BOOK A-382

INDEX DIAGRAM.

Township 26 South, Range 10 West

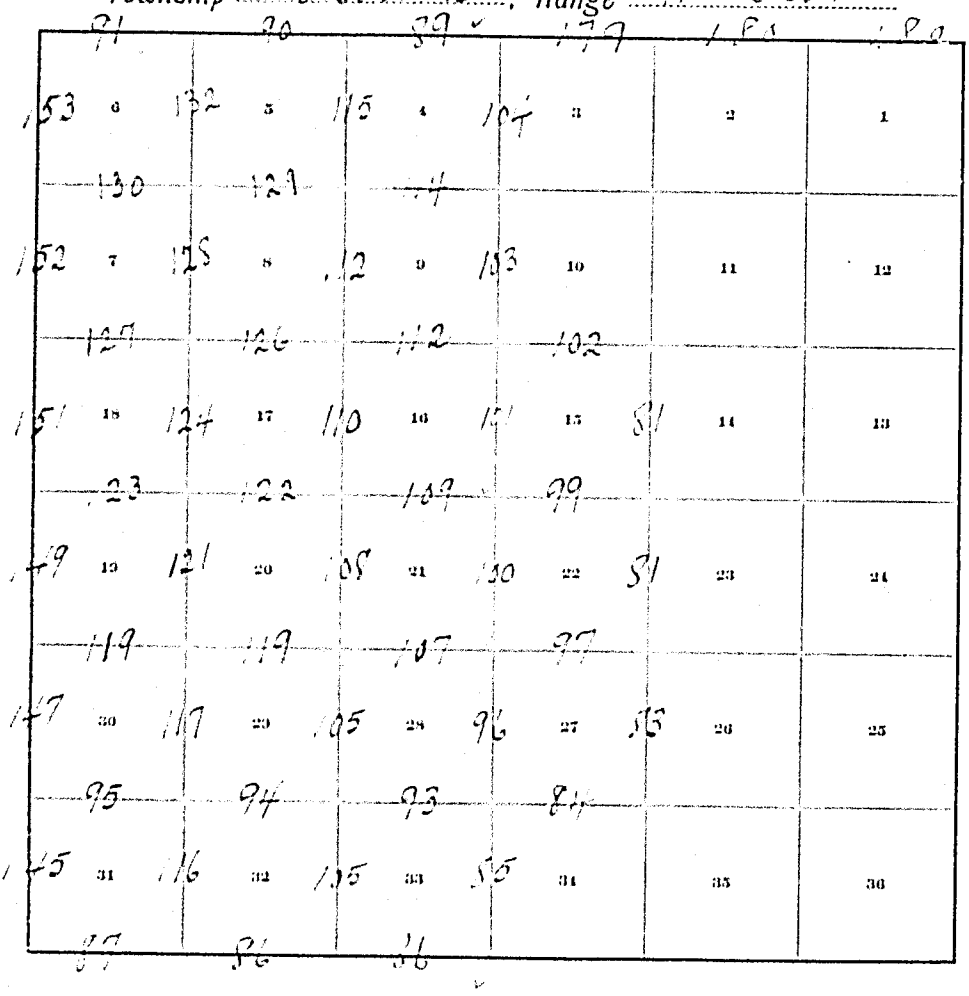
6	5	4	3	2 67	1 68
7	8	9	10	11 65	12 65
18	17	16	15	14 63	13 64
19	20	21	22	23 61	24 62
30	29	28	27	26 59	25 60
31	32	33	34 56	35 57 58	36 58

6—151

BOOK A-382

INDEX DIAGRAM.

Township 28 South, Range 11 West



6—151

BOOK A-382

INDEX DIAGRAM.

Township 27 South, Range 11 West

	193		192		191		190		189			
160	6	231	5	222	4	213	3	203	2	195	1	184
	233		232		223		214		204		196	
159	7	235	8	223	9	214	10	204	11	196	12	183 185
	237		236		224		215		205		197	
158	18	238	17	225	16	216	15	206	14	198	13	183 186
	239		239		226		217		207		199	
157	19	240	20	227	21	218	22	208	23	199	24	183 187
	242		241		227		219		210		200	
156	30	242	29	228	28	219	27	210	26	201	25	182 187
	244		243		229		220		211		201	
155	31	245	32	230	33	221	34	212	35	202	36	182 188
	91		90		89		179		180		180	

6—151

FIELD NOTES

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Survey completed ....., *191*....

BOOK A-382

INDEX DIAGRAM.

Township 26 South, Range 11 West

	262		261		260		259		258		257	
168	6	329	5	312	4	303	3	294	2	287	1	277
	329		328		312		302		294		287	
167	7	327	8	310	9	301	10	293	11	286	12	276
	326		326		310		301		292		285	
166	18	324	17	309	16	300	15	292	14	284	13	275
	323		322		309		299		291		283	
165	19	320	20	307	21	298	22	290	23	282	24	274
	319		318		307		297		290		282	
163	30	317	29	305	28	296	27	289	26	280	25	273
	316		315		305		296		289		280	
162	31	313	32	303	33	295	34	288	35	279	36	272

6—151

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Survey completed ....., *191*....

BOOK A-382

INDEX DIAGRAM.

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

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

6—151

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Survey commenced....., 191....

Survey completed....., 191....

4—679.

Lats.Deps.&c JLS.
Obs.chkd.MFY.
Ex. E.B.

BOOK A-382

Filed Feb.12, 1912.
WSH.

L.

FIELD NOTES

KFB.

OF THE SURVEY OF THE

SUBDIVISION

OF

FRACTIONAL TOWNSHIP NO. 27 SOUTH, RANGE NO.10 WEST

AND

RETRACEMENT OF PART OF SUBDIVISION AND N.BDY.

T.27 S., R.10 W.

Of the SALT LAKE BASE AND *Meridian,*

UTAH

AS SURVEYED BY

John W.Dougall, *United States* Transitman ~~*Deputy Surveyor*~~,

Under Assignment Group ~~*his Contract*~~ *No.* 5, *dated* August 6, *19*10,

Survey commenced April 6, *19*11

Survey completed April 13, *19*11

6—151

Rete N.Bdy. 3 01 06
Rete Subs. 6 04 36
Subs. 26 76 40
Cabs. 10 88

BOOK A-382

NAMES AND DUTIES OF ASSISTANTS.

William B. Clark,	Chainman.
Willis Whitmore,	Chainman.
Ernest Harmer,	Roundman.
Ralph A. Groesbeck,	Flagman.

BOOK A-382

INDEX DIAGRAM.

Township 27 South, Range 10 West.

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

Meanders Page .....

6—151

PRELIMINARY OATHS OF ASSISTANTS.

WE, William B. Clark and Willis Whitmore

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the subdivision of fractional townships 26 and 27 S., R. 10 W.. of the S.L.B.& M., Utah.

William B. Clark, *Chainman.*

Willis Whitmore, *Chainman.*

Subscribed and sworn to before me this 5 day of April, 1911

S. D. Atkins
Notary Public

SEAL

my commission expires January 26-1915

~~WE,~~ I, Ernest Harmer ~~and~~

do solemnly swear that ~~we~~ I will well and truly perform the duties of moundman in the establishment of corners, according to the instructions given ~~us~~ me to the best of ~~our~~ my skill and ability, in the survey of the subdivision of fractional townships 26 and 27 S., R. 10 W. of the S.L.B.& M., Utah.

Ernest Harmer, *Moundman.*

, *Moundman.*

Subscribed and sworn to before me this 5th day of April, 1911

S. D. Atkins
Notary Public

SEAL

my commission expires January 26-1915

WE, and

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

, *Axman.*

, *Axman.*

Subscribed and sworn to before me this day of , 19

SEAL

I, Ralph A. Groesbeck, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of the subdivision of fractional townships 26 and 27 South. R. 10 W. of the S.L.B.& M., Utah.

Ralph A. Groesbeck, *Flagman.*

Subscribed and sworn to before me this 5th day of April, 1911

S. D. Atkins
Notary Public

SEAL

my commission expires January 26-1915

Retracement

Subdivision of Fractional T27S R10W

Chains.	
	Survey commenced April 6, 1911 and executed with a W & L.E. Gurley light mountain transit, no number, with solar attachment.
	For description of instrument see Book A.
	Knowing that my instrument is in perfect adjustment from recent observations on Polaris.
	Preliminary to commencing the subdivision of this fractional township, I retrace the line bet. secs 33 & 34, 27 & 28, 21 & 22, 15 & 16, 9 & 10 and 3 & 4 which is the West boundary of this fractional township.
	I also retrace the N. bdy. of secs. 1, 2 & 3 as follows
	April 6, 1911. At 2 h 03 m. p.m. l. m. t. I set off 38° 25' N on the lat. arc; 6° 18' N on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 3, 4, 33 & 34 on S bdy of Tp. heretofore described
	Thence I run
	N on retracement line bet. secs. 33 & 34
	Over gently rolling land through scattering growth of sagebrush.
20.00	Foot of low bench bears N 45° E & S 45° W.
26.00	Top of low bench.
40.50	The old 1/4 sec. cor. bears E 10 lks, which is a cedar post, greatly decayed, marks nearly obliterated.
	I destroy all traces of old cor. and re-establish it at same point as follows
	Set an iron post 3 ft. long, 1 in. diam. 26 in in ground for 1/4 sec. cor. marked on brass cap 1/4 S 33 on W half; S 34 on E half; dig pits 18 X 18 X 12 in N & S of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W of cor.
42.65	Wash 4 ft. deep, 15 lks. wide drains S 55° W.
49.25	Wood road bears E & W.
61.00	Leave sagebrush bears E & W.
77.60	Wood road bears N 70° E.

Retracement

Subdivision of Fractional T27S R10W

78.70	Wash 2 ft. deep, 12 lks wide drains S70°W.
79.00	Enter shadscale, bears E & W.
81.00	Old cor. of secs 27, 28, 33 & 34 bears E. 2 lks. which is a cedar post, greatly decayed and marks nearly obliterated.
	I destroy all traces of old cor. and re-establish it at same point as follows Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 27, 28, 33 & 34 marked on brass cap
	T27S S28 in NW
	R10W S27 in NE
	S34 in SE
	S33 in SW. quadrant; dig pits 18 X 18 X 12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base 2 ft. high, W of cor.
	Therefore the course of this line is N0°08'E.
	Land, rolling.
	Soil, good brown clay loam, 1 to 3 ft. deep, fine texture, moist, on clay subsoil.
	Growth of sagebrush & shadscale.
	No timber.
	N on retracement line bet. secs. 27 & 28
	Over gently rolling land through shadscale
15.00	Leave shadscale: enter sagebrush bears N80°E & S80°W.
16.00	Top of bench, bears N70°W & S70°E.
26.75	Foot of bench: leave sagebrush: enter shadscale bears E & W
40.31	Intersect old ¼ sec. cor. which is a cedar post greatly decayed and marks nearly obliterated.
	I destroy all traces of old ¼ sec. cor. & re-establish it at same point as follows Set an iron post 3 ft. long, 1 in diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S28 on W half; S27 on E half dig pits 18 X 18 X 12 in. N & S of post, 3 ft. dist; and raise a mound of earth 3½ ft. base, 1½ ft.

high, W of cor.
80.62 Intersect old cor. of secs. 21, 22, 27 & 28, which is a cedar post, greatly decayed and marks nearly obliterated.
I destroy all traces of old cor. and re-establish it at same point as follows
Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 21, 22, 27 & 28 marked on brass cap
T27S S21 in NW
R10W S22 in NE
S27 in SE
S28 in SW, quadrant; dig pits 18X18X12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor.
Land rolling.
Soil, good sandy loam, 10 to 20 in. deep medium texture, moist, on clay subsoil.
Growth of sagebrush & shadscale.
No timber.

Now retracement line bet. secs. 21 & 22.
Over gently rolling land through shadscale
10.20 Wash 1 ft. deep, 8 lks. wide, drains S65°W.
40.35 Old ¼ sec. cor. bears E 10 lks, which is a cedar post, greatly decayed, marks nearly obliterated.
I destroy all traces of old cor. and re-establish it at same point as follows
Set an iron post 3 ft. long, 1 in. diam. 26 in in ground for ¼ sec. cor. marked on brass cap ¼ S21 on W half; S22 on E half; dig pits 18X18X12 in N & S of post, 3 ft. dist; & raise a mound of earth, 3½ ft. base, 1½ ft. high W of cor.
44.75 Wash 2 ft. deep, 12 lks. wide drains S55°W
54.75 Wash 2 ft. deep, 12 lks. wide drains S55°W.
72.25 Foot of low hill, bears N50°W & S50°E.
Leave shadscale; enter sagebrush
80.70 Old cor. of secs. 15, 16, 21 & 22, bears E 20 lks

dist, and is a cedar post, greatly decayed marks nearly obliterated.
I destroy all traces of old cor. and re-establish it at same point as follows
Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 15, 16, 21 & 22 marked on brass cap
T 27 S S 16 in NW
R 10 W S 15 in NE
S 22 in SE
S 21 in SW, quadrant; dig pits 18X18X12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base 2 ft. high, W of cor.
Therefore the course of this line is N 0° 08' E.
Land rolling.
Soil, sandy loam, 4 to 20 in. deep, medium texture, moist, on gravel & clay subsoil.
Growth of sagebrush & shadscale.
No timber.

N. on retracement line bet. secs. 15 & 16.
Over gently rolling land through sagebrush
3.00 Top of bench bears N 60° W & S 60° E.
37.00 Wood road bears N 45° W & S 45° E.
39.87 Old ¼ cor. bears E 13 lks. dist, which is a cedar post greatly decayed and marks nearly obliterated.
I destroy all traces of old cor. and re-establish it at same point as follows
Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 16 on W half; S 15 on E half; dig pits 18X18X12 in. N & S of post, 3 ft. dist; and raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor.
48.00 SW cor. of narrow piece of plowed ground bears E 2.00 chs.
79.00 Leave sagebrush; enter shadscale bears N 20° E & S 20° W.
79.10 NW cor. of plowed ground bears E 20 lks. dist.

Retracement
Subdivision of Fractional T27S R10W

79.74 The old cor. of secs. 9, 10, 15 & 16, bears E, 26 lks. dist. and is a cedar post, greatly decayed, marks nearly obliterated.
I destroy all traces of the old cor & re-establish it at same point as follows
Set an iron post 3 ft. long 2 in. diam 24 in. in ground for cor. of secs. 9, 10, 15 & 16, marked on brass cap
T27S S9 in NW
R10W S10 in NE
S15 in SE
S16 in SW, quadrant; dig pits 18 X 18 X 12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor.
Therefore the course of this line is N0° 11' E.
Sand, gently rolling.
Soil, good brown clay loam, 1 to 2 ft. deep, fine texture, moist on clay subsoil
Growth of sagebrush & shadscale.
No timber.

April. 6, 1911.

Apr. 7, 1911. At 9h 2m. a. m. l. m. t. I set off 38°29' N on the lat. arc; 6°36' N on the decl. arc; and determine a meridian with the solar at the cor. of secs. 9, 10, 15 & 16.
Thence I run
N. on retracement line, bet. secs. 9 & 10.
Over level land through shadscale.
15.65 Wood road bears NE & SW.
32.00 Road Milford to Antelope Springs bears N 20° E.
40.82 Old ¼ sec. cor. bears E, 8 lks. dist. which is a cedar post, greatly decayed, and marks nearly obliterated.
I destroy all traces of old cor. and re-establish it at same point as follows.
Set an iron post 3 ft. long, 1 in. diam

Retracement
Subdivision of Fractional T 27 S R 10 W

26 in. in ground, for 1/4 sec. cor. marked on brass cap 1/4 S 9 on W half; S 10 on E half; dig pits 18 X 18 X 12 in. N & S of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor.

42.65 Wash 3 ft. deep 8 lks wide, drains W.

81.64 The cor. of secs. 3, 4, 9 & 10 bears E, 16 lks. dist, and is a cedar post, greatly decayed & marks nearly obliterated.

I destroy all traces of old cor. and re-establish it at same point as follows. Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 3, 4, 9 & 10 marked on brass cap

T 27 S S 4 in NW
R 10 W S 3 in NE
S 10 in SE
S 9 in SW, quadrant; dig pits 18 X 18 X 12 in. in each sec. 5 1/2 ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor.

Therefore the course of this line is N 0° 07' E.

Sand, level.

Soil, good brown clay loam 11 to 20 in. deep moist on clay subsoil.

Growth of shadscale.

No timber.

N 0° 09' E on retracement line bet. secs. 3 & 4.

Over gently rolling land through shadscale

9.10 Wash 1 ft. deep, 3 lks. wide, drains W.

15.05 Wash 1 ft. deep, 5 lks. wide, drains W.

20.00 Top of low bench, 10 ft. high, bears E & W.

40.33 The old 1/4 sec. cor. bears W, 5 lks. dist; & is a cedar post greatly decayed & marks nearly obliterated.

I destroy all traces of old cor. and re-establish it at same point as follows. Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 4 on W half; S 3 on E half;

Retracement
Subdivision of Fractional T 27 S R 10 W

dig pits 18 x 18 x 12 in N & S of post, 3 ft. dist; & raise a mound of earth 3/2 ft. base, 1 1/2 ft. high W of cor.

77.90 Wash 2 ft. deep, 6 lks. wide; drains W

80.66 Intersect N. bdy. of Tp. 12 lks. E. of cor. of secs. 3, 4, 33, & 34 which is a sandstone 10 x 6 x 3 in. above ground, firmly set, marked three notches on E & W edges; dig pits 18 x 18 x 12 in. in each sec. 5 1/2 ft. dist.; & raise a mound of earth 4 ft. base, 2 ft. high W of cor.

Therefore the course of this line is N 0°.04' E.

Land, gently rolling.

Soil, brown clay loam, 6 to 18 in. deep, fine texture, moist, on clay subsoil.

Growth of shadscale.

No timber.

Retracement North Boundary T. 27 S. R. 10 W.

E. on retracement line on N. bdy. of sec. 3. Over gently rolling land through shadscale.

10.00 Enter small drifting sand hills bears N 20° E.

20.00 Leave same.

31.00 Top of low bench 6 ft. high bears N 40° W & S 40° E.

40.37 Intersect old 1/4 sec. cor. which is a black granite 6 x 6 x 4 in. above ground, loosely set. I destroy all traces of old cor. and re-establish it at same point as follows

Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 34 on N half; S 3 on S half; dig pits 18 x 18 x 12 in E & W of post, 3 ft. dist; & raise a mound of earth 3/2 ft. base, 1 1/2 ft. high, N of cor.

43.75 Road Milford to Antelope Springs bears N 20° E.

44.34 Wash 1 ft. deep, 5 lks. wide drains N 80° W.

52.00 Wash 1 1/2 ft. deep, 8 lks. wide, drains N 60° W.

77.00 Wash 4 ft. deep, 12 lks. wide drains N 45° W.

80.74 Intersect the cor. of secs. 2, 3, 34 & 35 which is a sandstone 10 x 6 x 2 in. above ground; badly broken.

I destroy all traces of old cor. and re-establish it at same point as follows

Retracement North Boundary T 27 S R 10 W.

Chains	
	Set an iron post 3 ft. long, 3 in. diam. 24 in. in ground for cor. of secs. 2, 3, 34 & 35 marked on brass cap T 26 S S 34 in NW R 10 W S 35 in NE R 10 W S 2 in SE T 27 S S 3 in SW, quadrant; dig pits 18 X 18 X 12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor.
	Land, gently rolling.
	Soil, brown clay loam, 6 to 20 in. deep, fine texture, moist, on clay subsoil
	Growth of shadscale.
	No timber
	Apr. 7. 1911. At this cor. I set off 6° 38' N on the decl. arc; and at 12 h 2 m. p.m. m.t. observe the sun on the meridian, the resulting lat. is 38° 30' N.
	E on retracement line bet. secs. 2 & 35
	Over gently rolling land through shadscale.
6.35	Wash 2 ft. deep, 13 lks. wide, drains N 50° W.
20.88	Wash 2 ft. deep, 14 lks. wide, drains N 60° W.
40.08	Intersect old ¼ sec. cor. which is a limestone 10 X 8 X 4 in. above ground, poorly marked and not witnessed.
	I destroy all traces of the old cor. and re-establish it at same point as follows.
	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 35 on N half; S 2 on S half; dig pits 18 X 18 X 12 in. E & W of post, 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high N of cor.
48.00	Leave shadscale; enter scattering sage brush bears N 10° E & S 10° W.
80.16	Intersect old cor. of secs. 1, 2, 35 & 36 which is a sandstone 12 X 8 X 4 in. above ground firmly set, marked five notches on W & one notch on E edges.

Retracement North Boundary T27S R10W

I destroy all traces of old cor. and re-
establish it at same point as follows
Set an iron post 3 ft. long, 3 in. diam. 24 in.
in ground for cor of secs. 1, 2, 35 & 36 marked
on brass cap
T26S S35 in NW
R10W S36 in NE
R10W S1 in SE
T27S S2 in SW, quadrant; dig pits 18X18
X12 in. in each sec. 5½ ft. dist; & raise a
mound of earth, 4 ft. base, 2 ft. high, W of cor.
Land, gently rolling.
Soil, good brown clay loam, 10 to 25 in. deep
fine texture, moist, on clay subsoil.
Growth of shadscale & sagebrush.
No timber.

Apr. 7, 1911. At 2h 2m p.m. l.m.t. I set off
38°30' N on the lat. arc; 6°40' N on the decl. arc,
and determine a true meridian with the
solar at the cor. of secs. 1, 2, 35 & 36.
Thence I run
E, on retracement line bet. secs. 1 & 36.
Over gently rolling land through scat-
tering sagebrush.
16.35 Wood road bears N60°E & S60°W.
40.08 Intersect ¼ sec. cor. which is a sandstone
10X5X4 in. above ground, firmly set, marked
& witnessed as described by the Surveyor
General.
80.16 Intersect cor. of Tps. 26 & 27 S Rs 9 & 10 W, cor.
before described.
Land, gently rolling.
Soil, good brown clay loam, 10 to 20 in.
deep, fine texture, moist, on clay subsoil.
Growth of scattering sagebrush.
No timber.

April 7, 1911.

Subdivision of Fractional T 27 S R 10 W

	Apr. 8, 1911. At 9 h. 2 m. a. m. l. m. t. I set off 38°25' N on the lat. arc; 6°58' N on the declinar. & determine a true meridian with the solar at the cor. of secs. 1, 2, 35 & 36 on the S. bdy. of Tp, which is an iron post before described. Thence I run N 0°01' W bet. secs. 35 & 36. Over gently rolling bench lands through sagebrush.
28.63	S. bank of draw from Ranch Canyon bears N 75° W & S 75° E. Chas. Hollis' cabin bears N 47° W
32.00	Foot of descent; thence across bottom of draw.
33.15	Enter plowed ground bears N 80° W & S 80° E.
36.00	Leave same.
37.40	Wash 4 ft. deep, 25 lks. wide draws N 80° W.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap, 1/4 S 35 on W half; S 36 on E half; from which A cedar tree 10 in. diam. bears N 17°30' E, 5.69 chs. dist. marked 1/4 S 36 B J A cedar tree, 12 in. diam. bears N 1° W, 10.36 chs. dist. marked 1/4 S 35 B J
41.12	Wood road bears N 60° W & S 80° E.
46.00	Leave bottom of draw, ascend.
50.00	Enter scattering cedar bears N 70° W & S 70° E.
52.00	Top of N. bank of draw from Ranch Canyon bears E & W.
56.00	Leave scattering cedar bears N 70° E & S 70° W.
80.00	Set an iron post 3 ft. long 2 in. diam. 24 in. in ground for cor. of secs. 25, 26, 35 & 36 marked on brass cap T 27 S S 26 in NW R 10 W S 25 in NE S 36 in SE S 35 in SW, quadrant; dig pits 18 X 18 X 12 in. in each sec. 5 1/2 ft. dist; & raise a mound of

Subdivision of Fractional T 27 S R 10 W

earth 4 ft. base, 2 ft. high, W of cor.
Land, gently rolling bench, sloping W
Soil, good brown clay loam, 1 to 2 ft. deep
medium texture, moist, on clay subsoil.
Growth of sagebrush.
Timber, scattering cedar.

E on random line bet. secs. 25 & 36.
40.00 Set temp 1/4 sec. cor.
80.06 Intersect E bdy. of Tp. 30 lks. N. of cor. of secs.
25, 30, 31 & 36, heretofore described
Thence I run
N 89° 47' W on true line bet. secs. 25 & 36
Over gently rolling land through sage
brush.
4.00 Enter scattering cedar bears N 20° E & S 20° W.
7.00 Leave same.
40.03 Set an iron post 3 ft. long, 1 in. diam. 26 in.
in ground for 1/4 sec. cor. marked on brass
cap 1/4 S 25 on N half; S 36 on S half; dig pits
18 X 18 X 12 in. E & W of post, 3 ft. dist; & raise a
mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N of cor.
45.00 Wood road bears N 45° W & S 45° E.
80.06 The cor. of secs. 25, 26, 35 & 36.
Land, gently rolling.
Soil, good clay loam, 2 to 3 ft. deep,
medium texture, moist, on clay subsoil.
Growth of sagebrush.
Timber, scattering cedar.

N 0° 01' W bet. secs. 25 & 26.
Over gently rolling land.
19.80 Road, Milford to Ranch Canyon bears N 80°
E & S 80° W.
36.60 Wood road bears N 40° W & S 40° E.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in
ground for 1/4 sec. cor. marked on brass cap
1/4 S 26 on W half; S 25 on E half; dig pits 18 X 18 X 12
in N & S of post 3 ft. dist; & raise a mound of

Subdivision of Fractional T27S R10W

Chains	
	earth 3½ ft. base 1½ ft. high, W of cor.
62.50	Road, Milford to Roosevelt Hot Springs bears N 58° E & S 55° W.
65.00	Wash, 2 ft. deep 25 lks. wide, in hollow drains S 80° W.
80.00	Set an iron post 3 ft. long, ½ in. diam. 24 in. in ground for cor. of secs. 23, 24, 25, 26 marked on brass cap T27S S23 in NW R10W S24 in NE S25 in SE S26 in SW, quadrant; dig pits 18x18x12 in. in each sec. 3½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high W of cor.
	Land, gently rolling bench, sloping W.
	Soil, good brown clay loam, 10 to 20 in. deep, medium texture, moist, on clay subsoil.
	No timber.
	Apr. 8, 1911. At this cor. I set off 7°01' N on the decl. arc, and at 12 h 12 m p.m. L.M.T. observe the sun on the meridian the resulting lat. is 38°27' N.
	S 89° 47' E on random line bet. secs. 24 & 25
40.00	Set temp ¼ sec. cor.
80.04	Intersect E bdy. of Tp. at the cor. of secs. 19, 24, 25 & 30. heretofore described.
	Thence Drum.
	N 89° 47' W on true line bet. secs. 24 & 25.
	Over gently rolling land through sage brush
40.02	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S24 on N half; S25 on S half; dig pits 18x18x12 in. E & W of post, 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, N of cor.
40.50	Wash, 1 ft. deep, 12 lks. wide, in hollow, drains S 70° W.
60.00	Road, Milford to Roosevelt Hot Springs

Subdivision of Fractional T27S R10W

bears N 55° E & S 50° W.
80.04 The cor. of secs. 23, 24, 25 & 26.
Land, gently rolling bench sloping W.
Soil, good brown clay loam, 4 to 16 in. deep
medium texture, moist, on clay and
gravel subsoil.
Growth of sagebrush.
No timber.

Apr. 8, 1911. At 2 h 2 m. p. m. l. m. t. I set off
38° 27' N on the lat. arc; 7° 03' N on the decl.
arc; and determine a true meridian with
the solar at the cor. of secs. 23, 24, 25 & 26.
Thence I run:
N 0° 01' W bet. secs. 23 & 24.
Over gently rolling land through sage
brush.
2.37 Enter plowed ground bears E & W: extends
E 4.00 chs & W 6.00 chs.
4.80 Leave same.
40.00 Set an iron post 3 ft. long, 1 in. diam, 26 in.
in ground for 1/4 sec. cor. marked on brass
cap 1/4 S 23 on W half; S 24 on E half; dig pits
18 X 18 X 12 in N & S of post, 3 ft. dist; & raise a
mound of earth 3/2 ft. base, 1/2 ft. high,
W of cor.
45.00 Wash, 3 ft. deep, 15 lks. wide, in bottom of
hollow, drains W.
80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in.
in ground for cor. of secs. 13, 14, 23 & 24,
marked on brass cap
T 27 S S 14 in NW
R 10 W S 13 in NE
S 24 in SE
S 23 in SW, quadrant; dig pits 18 X 18 X 12
in. in each sec. 5 1/2 ft. dist; & raise a mound
of earth 4 ft. base, 2 ft. high, W. of cor.
Land, gently rolling bench sloping W.
Soil, good brown clay loam, 10 to 20 in. deep
medium texture, moist, on clay & gravel

Subdivision of Fractional T 27 S R 10 W.

Chains	
	subsoil.
	Growth of sagebrush.
	No timber.
	S 89°47' E on random line bet. secs. 13 & 24.
40.00	Set temp. 1/4 sec. cor.
80.02	Intersect E bdy. of Tp. 14 lks. S of cor. of secs. 13, 18, 19 & 24. heretofore described
	Thence I run
	N 89°53' W on true line bet. secs. 13 & 24
	Over gently rolling bench land through sagebrush.
40.01	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 13 on N half; S 24 on S half; dig pits 18 X 18 X 12 in. E & W of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft high, N of cor.
45.00	Top of bench bears N 40° W & S 40° E.
48.25	Wash 3 ft. deep, 30 lks. wide drains N 70° W.
80.02	The cor. of secs. 13, 14, 23 & 24.
	Land, gently rolling bench.
	Soil, brown, clay loam, 13 to 20 in. deep, medium texture, moist, on clay and gravel subsoil.
	Growth of sagebrush.
	No timber.
	April 8, 1911.
	Apr. 10, 1911. At 8 h 32 m. a. m. l. m. t. I set off 38°28' N on the lat. arc; 7°43' N on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 13, 14, 23 & 24.
	Thence I run
	N 0° 01' W bet. secs. 13 & 14.
	Over gently rolling land through sage brush.
9.00	Wash 6 ft. deep, 15 lks. wide, drains W.
38.25	S E cor. of plot of plowed ground bears W 40 lks. This plot is 2.25 chs. wide.

Subdivision of Fractional T27S R10W

40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S14 on W half; S13 on E half; dig pits 18X18X12 in. N & S of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W of cor.
55.30	N end of plot of plowed ground.
57.00	Small wash in hollow drains N 60° W.
80.00	Set an iron post 3 ft. long 2 in. diam. 24 in. in ground for cor. of secs. 11, 12, 13 & 14 marked on brass cap T27S S11 in NW R10W S12 in NE S13 in SE S14 in SW, quadrant; dig pits 18X18X12 in. in each sec. 5 1/2 ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor.
	Land, gently rolling bench, sloping W.
	Soil, good, brown clay loam, 10 to 20 in. deep
	Medium texture, moist, on clay & gravel subsoil.
	Growth of sagebrush.
	No timber.
	The cor. of secs. 7, 12, 13 & 18 on E bdy. of Tp. being plainly visible, I run for said cor.
	S 89° 45' E on random line bet. secs. 12 & 13
40.00	Set temp. 1/4 sec. cor.
80.06	Intersect E bdy. of Tp. at the cor. of secs. 7, 12, 13 & 18. heretofore described
	Thence I run
	N 89° 45' W on true line bet. secs. 12 & 13.
	Over gently rolling land through sagebrush
33.10	Wash 3 ft. deep, 12 lks. wide, drains N 60° W.
40.03	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S12 on N half; S13 on S half; dig pits 18X18X12 in. E & W of post. 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N of cor.
41.80	Wash 3 ft. deep, 10 lks. wide drains N 50° W.

Subdivision of Fractional T27S R10W

76.55	Enter plowed ground bears N & S.
79.20	Leave same. Plot extends S 2.70 chs & N 5.75 chs.
80.06	The cor. of secs. 11, 12, 13 & 14. Sand, gently rolling bench sloping W. Soil, good clay loam, 4 to 20 in. deep, medium texture, moist, on clay and gravel subsoil. Growth of sagebrush. No timber.
	N 0°01' W bet. secs. 11 & 12. Over gently rolling land through sage brush.
5.75	NW cor of plot of plowed ground bears E 64 lks.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S11 on W half; S12 on E half; dig pits 18X18X12 in N & S of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W of cor.
45.35	Wash 6 ft. deep, 50 lks. wide drains N 60° W.
46.20	Enter plowed ground bears E & W.
54.55	Leave same at NE cor. of plot: same bears W 2.35 chs.
80.00	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 1, 2, 11 & 12 marked on brass cap T27S S2 in NW R10W S1 in NE S12 in SE S11 in SW, quadrant; dig pits 18X18X12 in. in each sec. 5 1/2 ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W. of cor. Sand, gently rolling bench. Soil, good brown clay loam, 10 to 25 in. deep, medium texture, moist, on clay & gravel subsoil. Growth of sagebrush.

Subdivision of Fractional T27S R10W

No timber.
Apr. 10, 1911. At this cor. I set off 7°46' N on the decl. arc; and at 12 h 2 m. l. m. t. observe the sun on the meridian the resulting lat. is 38°29' N.

The cor. of secs. 1, 6, 7 & 12 on E bdy. of Tp. being plainly visible, I run for said cor.
S 89° 45' E on random line bet. secs. 1 & 12
40.00 Set temp 1/4 sec. cor.
80.10 Intersect E bdy of Tp. at the cor. of secs. 1, 6, 7 & 12. heretofore described.
Thence I run
N 89° 45' W on true line bet. secs. 1 & 12.
Over gently rolling land through sagebrush
40.05 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 1 on N half; S 12 on S half; dig pits 18 X 18 X 12 in. E & W of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. ~~bases~~ 1 1/2 ft. high N of cor.
80.10 The cor. of secs. 1, 2, 11 & 12.
Land, gently rolling bench sloping W.
Soil, good brown clay loam, 10 to 20 in. deep, fine texture, moist, on clay subsoil.
Growth of sagebrush.
No timber.

Apr. 10, 1911. At 2 h 32 m. p. m. l. m. t. I set off 38°29' N on the lat. arc; 7°48' N on the decl. arc; & determine a true meridian with the solar at the cor. of secs. 1, 2, 11 & 12.
Thence I run
N 0° 01' W on random line bet. secs. 1 & 2.
40.00 Set temp 1/4 sec. cor.
84.66 Intersect N. bdy. of Tp. 3 lks. E of cor. of secs. 1, 2, 35 & 36. heretofore described.
Thence I run
S 0° 02' E on true line bet. secs. 1 & 2.
Over gently rolling land through scattering

Subdivision of Fractional T27S R10W.

sagebrush.
15.25 Wood road bears N45°E & S45°W.
18.00 Enter plowed ground bears E & W. This plot is 2.50 chs. wide.
44.66 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 2 on W half; S 1 on E half; dig pits 18x18x12 in. N & S of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor.
47.66 Small wash 1 ft. deep, 8 lks. wide drains W.
58.76 Leave plowed ground bears E & W.
72.86 Small wash 1 ft. deep, 10 lks. wide drains W.
84.66 The cor. of secs. 1, 2, 11 & 12.
Land, gently rolling.
Soil, good brown clay loam, 10 to 25 in. deep, medium texture, moist, on clay subsoil.
Growth of sagebrush.
No timber.

Apr. 10, 1911.

Apr. 11, 1911. At 8h 1m. a. m. l. m. t. I set off 38°25' N on the lat. arc; 8°05' N on the decl. arc; & determine a true meridian with the solar at the cor. of secs. 2, 3, 34 & 35 on S bdy. of Tp. heretofore described
Thence I run
N 0°01' W bet. secs. 34 & 35.
Over gently rolling land through sagebrush.
14.00 Wood road bears N60°W & S60°E.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in in ground for 1/4 sec. cor. marked on brass cap 1/4 S34 on W half; S35 on E half; dig pits 18x18x12 in. N & S of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor.
48.95 Estella Van Fleet's cabin bears N33°W.
Estella Van Fleet's stable bears N36°W.
59.30 Enter plowed ground, bears E & W.

Subdivision of Fractional T27S R10W.

64.70 Leave same.
66.50 Road Milford to Ranch Canyon bears N60° E & S60° W.
71.70 Road, Milford to Roosevelt Hot Springs bears N 50° E & S 50° W.
71.85 Wash, from Ranch Canyon, 2 ft. deep, 6 lks. wide, drains W.
80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 26, 27, 34 & 35 marked on brass cap
T27S S27 in NW
R10W S26 in NE
S35 in SE
S34 in SW, quadrant; dig pits 18 X 18 X 12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base 2 ft. high, W of cor.
From this cor. Estella Van Fleets cabin bears S 43° W.
Estella Van Fleets stable bears S46° W
Chas. Hollis cabin bears S 74° E.
Land, gently rolling bench, sloping W.
Soil, good brown sandy loam, 12 to 30 in. deep, medium texture, moist, on clay subsoil.
Growth of sagebrush.
No timber.

E on random line bet. secs. 26 & 35
40.00 Set temp ¼ sec. cor.
79.98 Intersect N & S line 2 lks N of cor. of secs. 25, 26, 35 & 36.
Thence I run
N 89° 51' W on true line bet. secs. 26 & 35
Over gently rolling land through sagebrush.
39.99 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 26 on N half; S 35 on S half; dig pits 18 X 18 X 12 in E & W of post, 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, N of cor.

Subdivision of Fractional T27S R10W

52.08 Road, Milford to Ranch Canyon bears N60°E & S60°W.
67.43 Enter plowed ground bears N & S. This plot extends S 4.50 chs. & N 35.00 chs.
71.18 Road, Milford to Roosevelt Hot Springs, bears N50°E & S50°W.
78.00 Leave plowed ground bears N & S.
79.98 The cor of secs. 26, 27, 34 & 35.
Land, gently rolling bench sloping W.
Soil, good brown sandy loam, 1 to 3 ft. deep, medium texture, moist, on clay subsoil.
Growth of sagebrush.
No timber.

W. on true line bet. secs. 27 & 34.
Over gently rolling land through sagebrush
4.00 Leave sagebrush; enter yellow top bears N & S.
10.50 Enter plowed ground bears N & S.
14.70 Leave same.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 27 on N half; S 34 on S half; dig pits 18 X 18 X 12 in E & W of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N of cor.
60.50 Leave yellow top; enter shadscale bears N40°E & S40°W.
75.35 Wood road bears N50°E & S50°W.
77.30 Wash 2 ft. deep, 8 lks. wide, drains S70°W.
81.70 Intersect N & S line 1.11 chs S0°08'W of cor. of secs 27, 28, 33 & 34.
Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for closing cor. of secs. 27 & 34 marked on brass cap
T27S R10W in N half
CC S28 S33 on W half
S27 in NE
S34 in SE quadrant; dig pits 24 X 18 X 12

Subdivision of Fractional T27S R10W

in crosswise on line N & S 3 ft, & E of post 7 ft, dist; & raise a mound of earth 4 ft. base, 2 ft. high, E of cor.
I destroy all marks on cor. of secs. 27, 28, 33 & 34 that pertain to secs. 27 & 34.
Land, gently rolling bench sloping W.
Soil, good, brown sandy loam, 18 to 20 in. deep, medium texture, moist, on clay subsoil.
Growth of sagebrush, yellow top & shadscale.
No timber

N 0° 01' W bet. secs. 26 & 27
Over gently rolling land through sagebrush.
12.50 Wood road bears N 80° E & S 80° W.
34.20 Enter plowed ground, bears E & W. This plot extends E 25 lks & W 5.60 chs.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 27 on W half; S 26 on E half; dig pits 18 X 18 X 12 in N & S of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high W of cor.
60.00 Leave plowed ground bears N 2° W & S 2° E.
75.00 N. end of plowed ground is 50 lks W of line.
77.75 Wash, 1 ft. deep, 6 lks. wide, in hollow drains W.
80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 22, 23, 26 & 27 marked on brass cap
T 27 S S 22 in NW
R 10 W S 23 in NE
S 26 in SE
S 27 in SW, quadrant; dig pits 18 X 18 X 12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high W of cor.
Land, gently rolling bench sloping W.
Soil, good sandy loam 6 to 20 in. deep, medium texture, moist, on clay and gravel subsoil
Growth of sagebrush.
No timber

Subdivision of Fractional T27S R10W

Apr. 11, 1911. At this cor. I set off 8°08' N on the decl. arc; and at 12h 1m p.m. l.m.t. observe the sun on the meridian, the resulting lat. is 38°27' N.

S 89°51' E on random line bet. secs. 23 & 26.
40.00 Set temp 1/4 sec. cor.
80.00 Intersect N & S line, 7 lks. N of cor. of secs. 23 24, 25 & 26.
Thence I run
N 89°48' W on true line bet. secs. 23 & 26.
Over gently rolling land through sagebrush.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 23 on N half; S 26 on S half; dig pits 18 X 18 X 12 in. E & W of post 3 ft. dist. & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N of cor.
46.70 Wood road bears N 45° W & S 45° E.
59.00 Wash, 2 ft. deep 8 lks. wide, in hollow drains S 60° W.
80.00 The cor. of secs. 22, 23, 26 & 27.
Sand, gently rolling bench, sloping W.
Soil, brown sandy loam, stony, 6 to 18 in. deep, medium texture, moist, on clay & gravel subsoil.
Growth of sagebrush.
No timber.

Apr. 11, 1911. At 2h 31m p.m. l.m.t. I set off 38°27' N on the lat. arc; 8°10' N on the decl. arc; and determine a true meridian with the solar at the cor of secs. 22, 23, 26 & 27.
Thence I run
West on true line bet. secs. 22 & 27.
Over gently rolling land through sagebrush.
15.90 Wash, 4 ft. deep 8 lks. wide, in hollow drains N 80° W.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap

Subdivision of Fractional T 27 S R 10 W.

Chains	
	1/4 S 22 on N half; S 27 on S half; dig pits 18X18X12 in E & W of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, N of cor.
47.50	Top of sandy bench, bears S 40° W & N 40° E.
70.00	Leave sagebrush; enter shadscale bears N 40° E & S 40° W.
81.62	Intersect N & S line 1.64 chs. S of cor. of secs. 21, 22, 27 & 28.
	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for closing cor. of secs. 22 & 27 marked on brass cap
	T 27 S R 10 W on N half
	CC S 21 & 28 on W half
	S 22 in NE
	S 27 in SE, quadrant: dig pits 24X18X12 in crosswise on line N & S 3 ft. & E. of post 7 ft. dist; & raise a mound of earth 4 ft. base 2 ft. high, E of cor. Distinguishing marks on cor. secs. 21-22-27 & 28 pertaining to secs. 22 & 27
	Land, gently rolling bench sloping W.
	Soil, good brown sandy loam, 10 to 25 in. deep medium texture, moist, on clay & gravel subsoil.
	Growth of sagebrush & shadscale.
	No timber.
	N 0° 01' W bet. secs. 22 & 23.
	Over gently rolling land through sagebrush
35.35	Wood road bears N 45° W & S 45° E.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 22 on W half; S 23 on E half; dig pits 18X18X12 in N & S of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor.
59.85	Wash 4 ft. deep, 15 lks. wide, drains W.
75.95	Enter plowed ground bears E & W.
76.90	Wash 4 ft. deep, 16 lks. wide drains S 80° W.
77.30	Leave plowed ground bears S 80° W & N 80° E.
80.00	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 14, 15, 22 & 23 marked on brass cap

Subdivision of Fractional T27S R10W.

Chains.

T27S S15 in NW
R10W S14 in NE
S23 in SE
S22 in SW quadrant; dig pits 18X18X12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor.
Land, gently rolling bench, sloping W.
Soil, sandy loam, stony, 4 to 24 in. deep medium texture, moist, on clay & gravel subsoil.
Growth of sagebrush
No timber.

April 11, 1911.

Apr. 12, 1911. At 8 h 1 m a.m. l.m.t. I set off 38°28' N on the lat. arc; 8°27' N on the decl arc; & determine a true meridian with the solar at the cor. of secs. 14, 15, 22 & 23.
Thence I run
S 89°48' E on random line bet. secs. 14 & 23.
40.00 Set temp ¼ sec. cor.
79.98 Intersect N & S line 12 lks. S. of cor. of secs. 13, 14, 23 & 24.
Thence I run
N 89°53' W on true line bet. secs. 14 & 23.
Over gently rolling land through sage brush.
39.99 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S14 on N half; S23 on S half; dig pits 18X18X12 in. E & W of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, N of cor.
42.10 Wash 6 ft. deep, 15 lks. wide, drains S 80° W.
47.30 Enter plowed ground bears N 82° E & S 82° W.
58.50 Leave same, bears N 82° E & S 82° W.
79.98 The cor. of secs. 14, 15, 22 & 23.
Land, gently rolling bench, sloping W.
Soil, good brown sandy loam, 6 to 24 in. deep, medium texture, moist, on clay

Subdivision of Fractional T27S R10W.

Chains	
	& gravel subsoil.
	Growth of sagebrush.
	No timber.
	West on true line bet. secs. 15 & 22.
	Over gently rolling land through sagebrush
34.15	Wash 1 ft. deep 6 lks wide drains S70°W.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S15 on N half; S22 on S half; dig pits 18X18X12 in. E & W of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N of cor.
43.10	Wood road bears N45°W & S45°E.
61.00	Enter plowed ground bears N80°W & S80°E.
77.25	Leave same, bears N & S.
81.40	Intersect N & S line 2.44 chs. S0°08'W of cor. of secs. 15, 16, 21 & 22.
	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for closing cor. of secs. 15 & 22 marked on brass cap
	T27S R10W on N half
	CC S16 S21 on W half
	S15 in NE
	S22 in SE, quadrant; dig pits 24X18X12 in. crosswise on line, N & S 3 ft, & E of post 7 ft. dist; & raise a mound of earth 4 ft. base 2 ft. high E of cor.
	Land, gently rolling bench sloping W.
	Soil, brown sandy loam, 10 to 30 in. deep, medium texture, moist, on clay & gravel subsoil
	Growth of sagebrush.
	No timber.
	I destroy marks on cor. of secs. 15-16-21 & 22, pertaining to secs. 15 & 22
	N0°01'W bet. secs. 14 & 15.
	Over gently rolling land through sagebrush.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass

Subdivision of Fractional T27S R10W

cap 1/4 S15 on W half; S14 on E half; dig pits 18X18X12 in. N & S of post, 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft high W of cor.
Apr. 12, 1911. At this cor. I set off 8°30' N on the decl. arc; and at 12 h 1 m. p.m. l.m.t. observe the sun on the meridian, the resulting lat. is 38°28' N.
71.00 Top of bench, 50 ft. high, bears N 70° E & S 70° W.
80.00 Set an iron post 3 ft. long 2 in. diam. 24 in. in ground for cor. of secs. 10, 11, 14 & 15 marked on brass cap
T27S S10 in NW
R10W S11 in NE
S14 in SE
S15 in SW, quadrant; dig pits 18X18X12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor.
Land, gently rolling bench sloping W.
Soil, good brown sandy loam 12 to 30 in. deep, medium texture, moist, on clay & gravel subsoil.
Growth of sagebrush.
No timber.

Apr. 12, 1911. At 2 h 1 m. p.m. l.m.t. I set off 38°29' N on the lat. arc; 8°32' N on the decl. arc; & determine a true meridian with the solar at the cor. of secs. 10, 11, 14 & 15.
Thence I run
S 89°53' E on random line bet. secs. 11 & 14.
40.00 Set temp. 1/4 sec. cor.
80.10 Intersect N & S line 7 lks N of cor. of secs. 11, 12, 13 & 14.
Thence I run
N 89°50' W on true line bet. secs. 11 & 14.
Over gently rolling land through sagebrush.
40.05 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S11 on N half; S14 on S half;

Subdivision of Fractional T27SR10W.

Chains	
	dig pits 18x18x12 in E & W of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high N of cor.
45.00	Wash 5 ft. deep 25 lks. wide, drains N 50° W.
80.10	The cor. of secs. 10, 11, 14 & 15.
	Land, gently rolling sloping W.
	Soil, brown, sandy, loam, 10 to 20 in. deep medium texture, moist, on clay subsoil.
	Growth of sagebrush.
	No timber.
	West on true line bet. secs. 10 & 15.
	Over gently rolling land through sagebrush.
18.00	Top of low bench 15 ft. high, bears N 30° E & S 30° W.
37.00	Wash 1 ft. deep, 6 lks. wide, drains N 20° W.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 10 on N half; S 15 on S half; dig pits 18x18x12 in. E & W of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high N of cor.
48.00	Leave sagebrush: enter shadscale bears N 20° E & S 20° W.
80.68	Enter plowed ground bears N & S.
81.00	Leave same.
81.14	Intersect N & S line 2.02 chs S 0° 11' W of cor. of secs. 9, 10, 15 & 16.
	Set an iron post 3 ft. long, 2 in. diam, 24 in. in ground for closing cor. of secs. 10 & 15 marked on brass cap
	T27S R10W on N half
	C C S9 S16 on W half
	S 10 in NE
	S 15 in SE, quadrant; dig pits 24x18x12 in crosswise on line N & S 3 ft. and E of post 7 ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high E of cor.
	I destroy marks on cor. of secs. 9-10-15 & 16 pertaining to secs. 10 & 15.

Subdivision of Fractional T27S R10W.

Land gently rolling.
Soil, brown sandy loam, 10 to 20 in. deep
medium texture, moist, on clay subsoil.
Growth of sagebrush & shadscale.
No timber.

April 12, 1911.

Apr. 13, 1911. At 8h 31m. a. m. l. m. t. I set off
38°29' N on the lat. arc; 8°49' N on the decl.
arc; and determine a true meridian with
the solar at the cor. of secs. 10, 11, 14 & 15
Thence I run
N 0°01' W bet. secs. 10 & 11.
Over gently rolling land through sagebrush.
6.00 S. end of narrow plot of plowed ground is
60 lks. W of line.
35.75 Top of small sand ridges bears E & W.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in.
in ground for 1/4 sec. cor. marked on brass
cap 1/4 S10 on W half; S11 on E half; dig pits 18
X 18 X 12 in N & S of post 3 ft. dist; & raise a
mound of earth 3 1/2 ft. base, 1 1/2 ft high W of cor
47.40 Wash 5 ft. deep, 20 lks. wide, drains N.W.
51.00 Leave sagebrush; enter shadscale bears
N 45° E & S 45° W.
76.30 Wood road bears N 50° E & S 50° W.
80.00 Set an iron post 3 ft. long, 2 in. diam, 24 in.
in ground for cor. of secs. 2, 3, 10 & 11 mark-
ed on brass cap
T27S S3 in NW
R10W S2 in NE
S11 in SE
S10 in SW, quadrant; dig pits 18 X 18 X 12
in. in each sec. 5 1/2 ft. dist; & raise a mound
of earth 4 ft. base, 2 ft. high W of cor.
Land, gently rolling bench sloping W.
Soil, brown sandy loam, 12 to 16 in. deep
medium texture, moist, on clay subsoil.
Growth of sagebrush & shadscale.
No timber.

Subdivision of Fractional T27S R10W

Chains	
	The cor. of secs. 1, 2, 11 & 12 being plainly visible I run to said cor
	S 89°50' E on random line bet. secs. 2 & 11
40.00	Set temp 1/4 sec. cor.
80.16	Intersect N & S line at the cor. of secs, 1, 2, 11 & 12.
	Thence I run
	N 89°50' W on true line bet. secs. 2 & 11.
	Over gently rolling land through small sagebrush.
40.08	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 2 on N half; S 11 on S half; dig pits 18 X 18 X 12 in. E & W of post, 3 ft. dist; & raise a mound of earth 3/2 ft. base, 1/2 ft. high N of cor.
52.00	Wash 2 ft. deep 6 lks wide drains N 60° W.
69.00	Leave sagebrush: enter shadscale bears N 40° E & S 40° W.
75.50	Wood road bears N 50° E & S 50° W.
80.16	The cor. of secs. 2, 3, 10 & 11.
	Land, gently rolling, sloping W.
	Soil, brown sandy loam, 10 to 24 in. deep. medium texture, moist, on clay subsoil.
	Growth of sagebrush & shadscale.
	No timber.
	Apr 13. 1911, at this cor I set off 8°52' N on the decl arc; and at 12 h 7 m. l.m.t. observe the sun on the meridian, the resulting lat. is 38° 29' N.
	West on true line bet. secs. 3 & 10.
	Over gently rolling land through shadscale.
0.43	Enter plowed ground bears N & S.
1.12	Leave same.
20.20	Wash 8 ft. deep, 25 lks. wide, drains N 40° W.
34.40	Top of bench 60 ft. high bears N 40° W & S 40° E.
39.00	Foot of same.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 3 on N half; S 10 on S half; dig pits 18 X

Subdivision of Fractional T27S R10W.

18x12 in E & W of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, N of cor.

65.45 Road, Milford to Antelope Springs bears N 20° E & S 20° W.

80.98 Intersect N & S line 3.67 chs. S 0° 07' W. of cor. of secs. 3, 4, 9 & 10.

Set an iron post 3 ft. long, 2 in. diam. 24 in in ground for closing cor. of secs. 3 & 10, marked on brass cap

T27S R10W on N half

CCS 4 S9 on W half

S3 in NE

S10 in SE, quadrant; dig pits 24x18x12 in. crosswise on line N & S 3 ft. & E of post 7 ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high E of cor. Destroy marks on cor. secs. 3, 4, 9 & 10 pertaining to secs. 3 & 10.

Sand, gently rolling, sloping W.

Soil, brown clay loam, 12 to 16 in. deep, medium texture, moist, on clay subsoil.

Growth of shadscale.

No timber.

Apr. 13, 1911. At 2 h. 31 m. p. m., l. m. t. I set off 38° 29' N on the lat. arc; 8° 54' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 2, 3, 10 & 11.

Thence I run

N 0° 01' W on random line bet. secs. 2 & 3.

40.00 Set temp. ¼ sec. cor.

84.40 Intersect N. bdy. of Tp. 10 lks. W of cor. of secs. 2, 3, 34 & 35 heretofore described.

Thence I run

S 0° 03' W on true line bet. secs. 2 & 3.

Over level land through shadscale.

5.60 Wash 2 ft. deep, 12 lks. wide drains N 50° W.

17.15 Wash 3 ft. deep, 10 lks. wide drains N 60° W.

24.40 Wash 3 ft. deep, 6 lks. wide drains N 50° W.

44.40 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 3 on W half; S 2 on E half; dig pits

Subdivision of Fractional T 27 S R 10 W.

Drains	18 x 18 x 12 in. N & S of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1/2 ft. high, W of cor.
77.65	Wash 3 ft. deep. 6 lks wide drains N 70° W.
77.90	N end of narrow strip of plowed ground is 65 lks W of line.
84.40	The cor. of secs. 2, 3, 10 & 11.
	Land, level.
	Soil, fine clay loam 10 to 20 in. deep fine texture, moist, on clay subsoil.
	Growth of shadscale.
	No timber.
	April 13, 1911.

General Description.

This fractional township is nearly all bench land sloping W.
The soil is good brown clay loam, stony in places & mostly underlayed with a good clay subsoil.
On most of this fractional township there is a good growth of sagebrush.
All of sec. 3 and part of secs. 2 & 10 have a good growth of shadscale.
There is very little grass in this fractional township and with the exception of some scattering cedar trees in secs. 35 & 36 there is no timber.
Under modern dry farming methods medium crops of wheat or corn can be raised every other year.
There are no indications of mineral in this fractional township.
There is no water in this fractional township, and from present indications water can never be had for irrigation for this fractional township.
Chas. Hollis has a small frame cabin in sec. 35 also has about 25 acres of land newly plowed but nothing planted to date. Valuation $200.
Estella Van Fleet has a small frame house and frame stable in sec. 34.
Valuation $125.
Both the above settlers haul water for all domestic purposes from Milford
This fractional township furnishes some winter range for sheep.
This fractional Tp. is exposed to dry, hot south winds very detrimental to vegetation.

John W. Dougall
U. S. Transitman.

27 S 10 W

Latitudes and Departures

Line designated	True bearing	Dist	Latitudes N	Latitudes S	Departures E	Departures W
		chs.	chs.	chs.	chs.	chs.
S bdy. secs. 34, 35, 36	West	242.00 ✓				242.00 ✓
W bdy. sec. 34	N 0°08' E	81.00 ✓	81.00 ✓		.19 ✓	
W bdy. sec. 27	North	80.62 ✓	80.62 ✓			
W bdy sec. 22	N 0°08' E	80.70 ✓	80.70 ✓		.19 ✓	
W bdy sec. 15	N 0°11' E	79.74 ✓	79.74 ✓		.26 ✓	
W bdy sec. 10	N 0°07' E	81.64 ✓	81.64		.17 ✓	
W bdy sec. 3	N 0°04' E	80.66	80.66		.09 ✓	
N bdy. secs. 1, 2 & 3	East	241.06			241.06	
E bdy of Tp	South	485.15 ✓		485.15 ✓		
Convergency					28 ✓	
			484.36 ✓	485.15	242.24	242.00
				484.36	242.00	
			Errors in Lat	.79	.24	Errors in Dep't's

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by _____

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

_____

showing the respective capacities in which they acted:

_____, *Chainman.*

For list of names and final oath of assistants see book "M" _____, *Chainman.*

T.26 S., R. 10 W. _____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted _____

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

_____

_____

_____ of the _____

_____ meridian, _____ of _____, which are represented 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 _____

_____, *Chainman.*

_____, *Chainman.*

_____, *Moundman.*

_____, *Moundman.*

_____, *Axman.*

_____, *Axman.*

_____, *Flagman.*

_____

Subscribed and sworn to before me this _____ day of _____, 190

SEAL

_____

_____

6—151

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, _____, United States Deputy Surveyor, do solemnly swear that, in pursuance of a contract received from _____, bearing date of the United States Surveyor General for _____ day of _____, 190 , I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for _____, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of _____

For final oath of transitman see book "W" T. 26 S., R. 10 W.

_____ of the _____ meridian, in the _____ of _____, which are represented in the foregoing field notes as having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for _____ and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

_____
United States Deputy Surveyor.

Subscribed by said _____, and sworn to before me this _____ day of _____, 190

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Sept. 16, 1913. ~~xxxx~~

The foregoing field notes of the survey of the subdivisional lines of fractional Township No. 27 South, Range No. 10 West of the Salt Lake Base and Meridian, Utah,

executed by John W. Dougall under his ~~contract No.~~ Special instructions, dated August 6, 1910, ~~190~~, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Thomas Hull
United States Surveyor General.

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

_____
United States Surveyor General.

8—151

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Page

53

FILED
FEB 12 1912

4—679

BOOK A-382

M.

FIELD NOTES

OF THE SURVEY OF THE

Subdivision
of
Fractional T26S R10W

Of the Salt Lake Base & Meridian,

In the State of Utah

EXECUTED BY

John W Dougall

In the capacity of U. S. ~~Surveyor~~ Transitman, under instructions dated Aug. 6, 1910, issued by the United States Surveyor General to govern surveys included in Group No. 5, which were approved by the Commissioner of the General Land Office, Aug. 25, 1910 pursuant to authority contained in the Act of Congress dated ....., 191...

Survey commenced April 14, 1911

Survey completed April 18, 1911

Retr. Sub. 2 00 42
Res. " 602 80
Sub. 417 12

Res. 5th St. Par. S. 10124

6—151

BOOK A-382

INDEX DIAGRAM.

Township 26 South, Range 10 West

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

For list of names and preliminary affidavits see book "L" 6—151
T.27 S., R. 10 W.

Subdivision of Fractional T26SR10W.

Survey commenced Apr. 14, 1911 and executed with a W & L. E. Gurley light-mountain transit, no number, with solar attachment.
For description of instrument see Book A.
Knowing that my instrument is in perfect adjustment from recent observations on Polaris, I omit test at this time.
Preliminary to commencing the subdivision of this fractional Tp. I run from the cor. of secs 1, 2, 35 & 36 on S. bdy. of Tp, heretofore described, North on a blank line bet. secs 35 & 36: at 40.00 chs find no trace of old 1/4 sec. cor. and at 80.20 chs find a part of old cor loosely set and marks obliterated. I continue my line N bet. secs. 25 & 26 & at 40.00 chs find no trace of old 1/4 sec. cor. & at 81.98 chs. the old cor. of secs. 23, 24, 25 & 26 bears E, 26 lks. dist.
I then run North bet. secs. 23 & 24: at 40.00 chs. no trace of old 1/4 sec. cor. is found: at 80.02 chs. the remains of old cor. of secs. 13, 14 23 & 24 bears E, 56 lks. dist.
I then run North bet. secs. 13 & 14: at 40.00 chs no trace of old 1/4 sec. cor. is found: at 80.10 chs. remains of old cor. of secs. 11, 12, 13 & 14 bears E. 40 lks. dist.
I continue North bet. secs. 11 & 12 & at 40.00 chs. old 1/4 sec. cor. bears E, 2 lks. dist; at 80.18 old cor. of secs. 1, 2, 11 & 12 bears E 5 lks. dist.
Apr. 14, 1911.

In order to prove that the place I found the old cor. of secs. 25, 26, 35 & 36 is the correct point for cor.
Apr. 15, 1911. At 9 a. m. l. m. t. I set off 38° 31' on the lat. arc; 9° 33' N. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 2, 3, 34 & 35 on S bdy of Tp. heretofore described

Subdivision of Fractional T26 S R10 W

Thence I run
N. on retracement line bet. secs. 34 & 35.
Over level land through shadescale.
3.08 Wash 2 ft. deep, 10 lks. wide drains N 60° W.
6.05 Dim wood road bears N 60° W & S 60° E.
34.00 Wash 2 ft. deep, 12 lks. wide drains N 50° W.
40.12 Intersect the old 1/4 sec. cor. which is a cedar post, 3 in. diam. greatly decayed and marks nearly obliterated.
I destroy all traces of the old cor. and re-establish it at same point as follows
Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 34 on W half; S 35 on E half; dig pits 18 x 18 x 12 in N & S of post, 3 ft. dist; and raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor.
117.65 Old dim wood road bears N 80° W & S 80° E.
172.10 Wash 2 ft. deep, 15 lks. wide drains N 40° W.
180.25 Intersect old cor. of secs. 26, 27, 34 & 35 which is a cedar post greatly decayed & marks nearly obliterated.
I destroy all traces of the old cor. & re-establish it at same point as follows.
Set an iron post 3 ft. long 2 in. diam. 24 in. in ground for cor. of secs. 26, 27, 34 & 35 marked on brass cap
T26 S S 27 in NW
R10 W S 26 in NE
S 35 in SE
S 34 in SW, quadrant; dig pits 18 x 18 x 12 in. in each sec. 5 1/2 ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor.
Land, level.
Soil, fine clay loam, 4 to 10 in. deep, fine texture, dry, on clay subsoil.
Good growth of shadescale.
No timber.

Subdivision of Fractional T26S R10W.

East on retracement line bet. secs. 26 & 35
Over level land through shadscale.
37.30 Dim wood road bears N 40° W & S 40° E.
40.08 Intersect old 1/4 sec. cor. which is a cedar post 3 in. diam. greatly decayed, and marks nearly obliterated.
I destroy all traces of the old cor. and re-establish it at the same point as follows
Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 26 on N half; S 35 on S half; dig pits 18 X 18 X 12 in. E & W of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N of cor.
43.00 Leave shadscale; enter sagebrush bears NE and SW.
44.50 Top of bench 70 ft. high proj. W.
80.17 Intersect remains of old cor. of secs. 25, 26, 35 & 36.
I destroy all traces of old cor. and re-establish it at the same point as follows
Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 25, 26, 35 & 36 marked on brass cap
T26S S26 in NW
R10W S25 in NE
S36 in SE
S35 in SW quadrant; dig pits 18 X 18 X 12 in. in each sec. 5 1/2 ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor.
Land, gently rolling.
Soil, good brown clay loam, 4 to 24 in. deep, fine texture, dry, on clay subsoil.
Sparse growth of shadscale & sagebrush.
No timber.

April 15, 1911. At this cor. I set off 9° 35' N on the decl. arc; and at 12 h. 11 m. l. m. t. observe the sun on the meridian, the resulting lat. is 38° 31' N.

Subdivision of Fractional T26S R10W

	E. on random line bet. secs. 25 & 36.
40.00	Set temp. 1/4 sec. cor.
80.12	Intersect E. bdy. of Tp. 34 lks. N. of cor. of secs. 25, 30, 31 & 36 heretofore described;
	Thence I run
	N 89° 45' W on true line bet. secs. 25 & 36
	Over gently rolling land through sagebrush
7.00	Enter plowed ground bears N & S.
9.35	Leave same.
36.00	Top of low bench bears N & S.
40.06	Set an iron post, 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 25 on N half; S 36 on S half; dig pits 18 X 18 X 12 in. E & W of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N of cor.
43.60	Dirt wood road bears N 20° W & S 20° E.
72.30	Top of low bench, 20 ft. high, bears N 30° W.
76.00	Foot of same.
80.12	The cor. of secs. 25, 26, 35 & 36.
	Land, gently rolling bench
	Soil, good, brown, clay loam 10 to 30 in. deep, fine texture, dry, on clay subsoil.
	Good growth of sagebrush.
	No timber.
	South on resurvey line bet. secs. 35 & 36.
	Over gently rolling land through sagebrush.
29.75	Small wash drains S 70° W
36.75	Small wash drains S 70° W.
40.10	Set an iron post 3 ft long, 1 in. diam. 26 in in ground for 1/4 sec. cor. marked on brass cap 1/4 S 35 on W half; S 36 on E half; dig pits 18 X 18 X 12 in. N & S of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor.
50.00	Wood road bears E & W.
57.50	Wash, 1 ft. deep, 4 lks. wide, drains S 50° W
69.75	Wood road bears E & W
80.20	The cor. of secs. 1, 2, 35 & 36 on S bdy of Tp. heretofore described.

Subdivision of Fractional T26 S R 10 W.

Sand, gently rolling, sloping W.
Soil, good brown clay loam, 6 to 24 in. deep
fine texture, dry, on clay subsoil.
Good growth of sagebrush.
No timber.

April 15, 1911.

April 17, 1911. At 9 h. a. m. l. m. t. I set off
38°31' N on the lat. arc; 10°15' N on the decl.
arc; & determine a true meridian with
the solar at the cor. of secs. 25, 26, 35 & 36.
Thence I run
N 0°11' E on resurvey line bet. secs. 25 & 26.
Over gently rolling land through sagebrush.
32.00 Foot of ascent bears E & W.
39.00 Top of spur from bench 100 ft. high proj.
W, thence across top of spur.
40.99 Set an iron post 3 ft. long, 1 in. diam. 26 in.
in ground for 1/4 sec. cor. marked on brass
cap 1/4 S 26 on W half; S 25 on E half; dig pits
18 X 18 X 12 in N & S of post, 3 ft. dist; & raise a
mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor.
44.60 Leave spur, bears E & W. descend.
50.75 Foot of descent, 90 ft. below spur bears E & W.
Leave sagebrush; enter white sage bears E & W.
70.25 Wood road bears N 80° W & S 80° E.
74.30 Wood road bears N 80° W & S 80° E.
81.98 The cor. of secs. 23, 24, 25 & 26 which is a
cedar post greatly decayed, marks nearly
obliterated.
I destroy all traces of the old cor. and re-
establish it at the same point as follows.
Set an iron post 3 ft. long, 2 in. diam. 24 in.
in ground for cor of secs. 23, 24, 25 & 26
marked on brass cap
T 26 S S 23 in NW
R 10 W S 24 in NE
S 25 in SE
S 26 in SW, quadrant; dig pits 18 X 18 X 12
in. in each sec. 5 1/2 ft. dist; & raise a

Subdivision of Fractional T26S R10W

mound of earth 4 ft. base, 2 ft. high, W of cor.
Land, gently rolling bench.
Soil, brown clay loam, 12 to 24 in. deep,
fine texture, dry, on clay subsoil.
Growth of sagebrush & white sage.
No timber.

S 89° 45' E on random line bet. secs. 24 & 25.
40.00 Set limp. 1/4 sec. cor.
79.88 Intersect E bdy of Tp. 1.98 chs. N of cor. of secs.
19, 24, 25 & 30. heretofore described.
Set an iron post 3 ft. long, 2 in. diam. 24 in.
in ground for closing cor. of secs. 24 & 25,
marked on brass cap
T26S on N half
CC R9W S19 S30 on E half
S24 in NW
R10W S25 in SW, quadrant; dig pits
24 X 18 X 12 in. crosswise on each line, N & S
3 ft. & W of post 7 ft. dist; & raise a mound
of earth 4 ft. base, 2 ft. high, W of cor.)
I destroy all marks on cor. of secs. 19, 24,
25 & 30 that pertain to secs. 24 & 25.
Thence I run
N 89° 45' W on true line bet. secs. 24 & 25.
Over gently rolling land through white
sage.
0.25 Enter plowed ground, bears N & S.
3.98 Leave plowed ground, bears N & S.
25.90 Low bench 10 ft. high, bears N 10° E & S 10° W.
39.94 Set an iron post 3 ft. long, 1 in. diam. 26 in.
in ground for 1/4 sec. cor. marked on brass
cap 1/4 S24 on N half; S25 on S half; dig pits
18 X 18 X 12 in. E & W of post, 3 ft. dist; & raise a
mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N of cor.
41.00 Wash 2 ft. deep, 8 lks. wide, drains N 60 W
47.70 Wash, 1 ft. deep, 10 lks. wide drains N 60 W
79.88 The cor. of secs. 23, 24, 25 & 26.
Land, gently rolling.
Soil good brown clay loam, 14 to 24 in. deep

Subdivision of Fractional T26S R10W

fine texture, moist, on clay subsoil.
No timber.
April 17, 1911. At this cor. I set off 10°18' N on the decl. arc; and at 12 h. l. m. t. observe the sun on the meridian, the resulting lat. is 38°32' N.

N 0°24' E on reservoir line bet. secs. 23 & 24.
Over gently rolling land through white sage.
4.00 Leave white sage: enter shadscale bears N 40° E & S 40° W.
18.10 Wash 4 ft. deep, 20 lks. wide drains N 70° W.
31.25 Top of hill, 70 ft. high, bears N 80° W & S 80° E.
Thence across top of hill.
110.01 Set an iron post 3 ft. long, 1 in. diam. 26 in. ground for 1/4 sec. cor. marked on brass cap 1/4 S 23 on W half; S 24 on E half; dig pits 18 X 18 X 12 in N & S of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft high, W of cor.
116.60 Leave hill bears E & W, descend.
130.00 Foot of descent 60 ft. below hill, bears E & W.
137.85 Wash 1 ft. deep 8 lks wide, drains N 60° W.
169.80 Wood road bears N 30° E & S 30° W.
171.90 Wash 1 ft deep, 15 lks. wide, drains N 60° W
180.02 The cor. of secs. 13, 14, 23 & 24, which is a cedar post, greatly decayed and marks nearly obliterated.
I destroy all traces of old cor. and re-establish it at the same point as follows
Set an iron post 3 ft. long, 2 in. diam. 24 in in ground for cor. of secs. 13, 14, 23 & 24 marked on brass cap
T 26 S S 14 in NW
R 10 W S 13 in NE
S 24 in SE
S 23 in SW, quadrant; dig pits 18 X 18 X 12 in. in each sec. 5 1/2 ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high W of cor.

Subdivision of Fractional T26S R10W

Sand, gently rolling.
Soil, good brown clay loam, 6 to 24 in deep, fine texture, dry, on clay subsoil
Growth of white sage & shadscale
No timber

April 17, 1911. At 2h 30m p.m. l.m.t. I set off 38°33' N on the lat. arc; 10°20' N on the decl. arc; and determine a true meridian with the solar at the cor. of secs. 13, 14, 23 & 24.
Thence I run
S 89°45' E on random line bet. secs. 13 & 24.
40.00 Set temp. 1/4 sec. cor.
79.32 Intersect E bdy. of Tp. 2.05 Chs. N of cor. of secs. 13, 18, 19, & 24, heretofore described.
Set an iron post, 3 ft. long, 2 in. diam. 24 in in ground for closing cor. of secs. 13 & 24 marked on brass cap
T26S on N half
CC R9W S18 S19 on E half
S13 in NW
R10W S24 in SW, quadrant; dig pits 24 x 18 x 12 in. crosswise on each line, N & S 3 ft, & W of post 7 ft. dist; raise a mound of earth, 4 ft. base, 2 ft. high, W of cor.
I destroy all marks on cor. of secs. 13, 18, 19 & 24 that pertain to secs. 13 & 24.
Thence I run
N 89°45' W on true line bet. secs. 13 & 24.
Over gently rolling land through white sage
0.10 Enter plowed ground bears N & S
2.00 Leave plowed ground bears N & S
26.00 Wash 7 ft. deep, 20 lks wide drains N 45° W.
39.32 Set an iron post, 3 ft. long, 1 in diam. 26 in in ground for 1/4 sec. cor. marked on brass cap 1/4 S13 on N half; S24 on S half; dig pits 18 x 18 x 12 in E & W of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N of cor.
41.10 Leave white sage; enter shadscale bears

Subdivision of Fractional T26 S R 10 W

N 20° E & S 20° W.
47.75 Wash 2 ft. deep, 8 lks wide, drains N 50° W.
55.30 Wash 2 ft. deep, 12 lks wide, drains N 50° W.
75.50 Wood road bears N 30° E & S 30° W.
79.32 The cor. of secs. 13, 14, 23 & 24.
Land, gently rolling.
Soil, good brown clay loam, 6 to 20 in. deep, fine texture, moist, on clay subsoil.
Growth of white sage & shadscale.
No timber.

April 17, 1911.

April 18, 1911. At 9 h. a. m. l. m. t. I set off 38° 33' N on the lat. arc; 10° 36' N on the decl. arc; & determine a true meridian with the solar at the cor. of secs. 13, 14, 23 & 24.
Thence I run
N 0° 17' E on reserving line bet. secs. 13 & 14
Over gently rolling land through shadscale
40.05 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 14 on W half; S 13 on E half; dig pits 18 x 18 x 12 in. N & S of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high W of cor.
42.00 Wash 1 ft. deep 10 lks wide, drains N 70 W.
43.00 Wood road bears E & W.
80.10 The cor. of secs. 11, 12, 13 & 14 which is a cedar post, greatly decayed, marks nearly obliterated.
I destroy all traces of old cor. and re-establish it at same point as follows
Set an iron post 3 ft. long, 1 2 in. diam. 24 in. in ground for cor. of secs. 11, 12, 13 & 14 marked on brass cap
T 26 S S 11 in NW
R 10 W S 12 in NE
S 13 in SE
S 14 in SW, quadrant; dig pits 18 x 18 x 12 in. in each sec. 5½ ft. dist; & raise a mound

of earth 4 ft. base, 2 ft. high W of cor.
Land, gently rolling.
Soil, brown clay loam, 4 to 20 in. deep, fine
texture, moist, on clay subsoil.
Growth of shadescale.
No timber.

Knowing that I will not intersect E. Bdy. of Tp. within limits, I run
S 89° 45' E on true line bet. secs. 12 & 13.
Over level land through shadescale.
38.60 Wash 1 ft. deep, 6 lks. wide runs N 30° W
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in.
in ground for 1/4 sec. cor. marked on brass
cap 1/4 S 12 on N half; S 13 on S half; dig pits
18 x 18 x 12 in. E & W of post 3 ft. dist.; & raise
a mound of earth 3 1/2 ft. base, 1 1/2 ft. high,
N of cor.
61.00 Leave shadescale; inter. white sage bears
N 45° E & S 45° W.
78.92 Intersect E. bdy. of Tp. 1.87 chs. N of cor. of
secs. 7, 12, 13 & 18, heretofore described.
Set an iron post 3 ft. long, 2 in. diam. 24
in. in ground for closing cor. of secs. 12 & 13
marked on brass cap
T26 S on N half
C C R9 W S 7 S 18 on E half
S 12 in NW
R10 W S 13 in SW, quadrant; dig pits
24 x 18 x 12 in. crosswise on each line N & S
3 ft., & W of post 7 ft. dist.; & raise a mound
of earth 4 ft. base, 2 ft. high W of cor.
I destroy all marks on cor. of secs. 7, 12, 13
& 18 that pertain to secs. 12 & 13.
Land, level.
Soil, good brown clay loam, 4 to 16 in.
deep, fine texture, moist, on clay subsoil.
Growth of white sage and shadescale.
No timber.

April 18, 1911. At the cor. of secs. 11, 12, 13 & 14 I
set off 10° 39' N on the decl. arc; and at 12 h.

Subdivision of Fractional T26S R10W

	l.m.t. observe the sun on the meridian the resulting lat. is 38° 34' N.
	Thence I run
	N 0° 02' E on retracement line bet. secs. 1 & 12.
	Over gently rolling land through shadscale.
40.00	Intersect old 1/4 sec. cor. which is a limestone 14x10x4 in. above ground marked 1/4 on W face, loosely set.
	I reset same, 12 in. in ground; and raise a mound of stone 2 ft. base, 1 1/2 ft. high W of cor. Pits impracticable.
56.80	Road, Milford to Antelope Springs bears N 20° E & S 20° W.
62.55	S. bank of draw bears N 80° W & S 80° E.
66.90	Wash 4 ft. deep, 10 lks. wide, in draw drains N 80° W.
78.75	N bank of draw, 60 ft. high, bears N 80° W & S 80° E.
80.18	Intersect cor. of secs. 1, 2, 11 & 12 which is a limestone 14x10x5 in. above ground marked 5 notches on S. and one notch on E edges.
	I raise a mound of stone 2 ft. base, 1 1/2 ft. high, W of cor. Pits impracticable.
	Land, gently rolling.
	Soil on S 20.00 chs. brown clay loam, 4 to 16 in. deep, fine texture, moist, on clay subsoil.
	Soil on N 60.18 chs. light clay loam, 4 to 6 in. deep, coarse texture, very stony, dry, on limestone bedrock.
	Growth of shadscale.
	No timber.
	April, 18, 1911. At 2 h. p.m. l.m.t. I set off 38° 35' N on the lat. arc; 10° 41' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 1, 2, 11 & 12
	Thence I run
	S 89° 45' E on true line bet. secs. 1 & 12.

Subdivision of Fractional T26S R10W.

Over gently rolling stony land through shadscale.

15.05 Road, Milford to Antelope Springs bears N 20° E & S 20° W.

40.00 Set an iron post 3 ft. long, 1 in. diam., 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S1 on N half; S12 on S half. Raise a mound of stone 2 ft base, 1 1/2 ft. high N of cor. Pits impracticable.

48.00 Leave stony land; enter clay land bears N 60° W & S 60° E.

78.88 Intersect E bdy. of Tp 2.13 chs. N of cor. of secs. 1, 6, 7 & 12, heretofore described.

Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for closing cor. of secs. 1 & 12, marked on brass cap

T26S on N half
CC R9W S6 S7 on E half
S1 in NW
R10W S12 in SW, quadrant; dig pits 24 x 18 x 12 in. crosswise on each line, N & S 3 ft. & W of post, 7 ft. dist; and raise a mound of earth 4 ft. base 2 ft. high W of cor.

Destroy all marks on cor. of secs. 1, 6, 7 & 12 that pertain to secs. 1 & 12.

Land, gently rolling

Soil on W 48.00 chs. sandy & stony, 3 to 4 in. deep, coarse texture, dry, on limestone bedrock.

E 30.88 chs. fine clay loam 4 to 16 in. deep fine texture, moist, on clay subsoil.

Growth of shadscale

No timber.

April 18, 1911.

John W. Dougall
U. S. Transitman.

Subdivision of Fractional T26S R10W

On account of sec 1, T26S R10W not closing within allowable limits, I return to field to retrace west & north boundaries.
May 21, 1913. At 8 h 56 m. a. m. l. m. t. I set off 38° 35' on the lat. arc; 20° 10' N on the decl. arc; and determine a meridian with the solar at cor. of secs. 1, 2, 11 & 12 heretofore described.
Thence I run
N 0° 06' E on retracement line bet. secs. 1 & 2.
40.00 After careful search find no trace of old 1/4 sec. cor.
80.32 Intersect Fifth Standard Parallel South 72 lks. W of S.C. of secs 35 & 36 which is a cedar post firmly set & plainly marked as described by Survey General.
I destroy all traces of old cor. & re-establish it at same point as follows
Set an iron post 3 ft. long, 3 in. diam. 24 in. in ground for S.C. of secs. 35 & 36 which is also cor. for secs. 1 & 2, marked on brass cap
T25S S35 in NW
R10W S36 in NE
R10W S1 in SE
T26S S2 in SW, quadrant; dig pits 24 x 18 x 12 in. crosswise on each line E & W 3 ft & N & S of post 7 ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high N & S of cor.
Thence I run
S 0° 37' W on resurvey line bet. secs. 1 & 2.
Over gently rolling land through small greasewood & shadscale.
24.00 Wood road bears E & W.
40.11 By proportionate measurement Set a limestone 16 x 10 x 6 in, 12 in. in ground for 1/4 sec. cor. marked 1/4 on W face; dig pits 18 x 18 x 12 in N & S of stone 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor.
55.00 Foot of bench bears E & W.
59.00 Top of bench 30 ft. high bears E & W.
80.32 The cor. of secs. 1, 2, 11 & 12.

Subdivision of Fractional T26S R10W.

Land, gently rolling, W slope.
Soil, sandy loam 4 to 12 in. deep, medium texture, dry, clay subsoil.
Scrubby growth of greasewood & shadscale
No timber.

From the S. C. of secs. 35 & 36, T25S R10W, heretofore described.
I run
East on retracement line on S bdy sec. 36.
40.00 After careful search find no trace of old Standard 1/4 sec. cor.
81.24 Fall 45 lks. S of S. C. of Tps. 25S, Rs 9 & 10 W heretofore described.
May 21, 1913. At this cor. I set off 20°11' N on the decl. arc; & at 11 h. 56 m. l. m. t. observe the sun on the meridian the resulting lat is 38°36'.
Thence I run
S 89°41' W on resurvey line along S bdy sec. 36.
Over gently rolling bench land through shadscale.
25.25 Road, Milford to Antelope Springs bears N 25°E, & S 25°W
30.00 Leave bench bears N 10°W & S 10°E.
35.00 Foot of bench which is 20 ft. high bears N 10° W & S 10°E; enter scattering greasewood bears N & S.
40.62 Set a limestone 18 x 11 x 6 in. 14 in. in ground for Standard 1/4 sec. cor. marked S.C. 1/4 on N face; dig pits 18 x 18 x 2 in. E & W of stone 3 ft. dist, & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N. of cor.
81.24 The S.C. of secs. 35 & 36. which is also cor. for secs. 1 & 2.
Land, gently rolling bench, W slope.
Soil, light sandy loam, medium texture dry, clay & gravel subsoil.
Growth of shadscale & greasewood.
No timber.

Latitudes & Departures

ne designated	True bearing	Distance	Latitudes N	Latitudes S	Departures E	Departures W
		chs	chs.	chs.	chs.	chs.
dy secs. 35 & 36	West	160.32				160.32
bdy sec. 35	North	80.25	80.25			
bdy sec. 35	East	80.17			80.17	
bdy sec 25	N 0° 11' E	81.98	81.98		.26	
bdy sec 24	N 0° 24' E	80.02	80.02		.56	
bdy sec. 13	N 0° 17' E	80.10	80.10		.46	
bdy sec. 12	N 0° 02' E	80.18	80.18		.05	
bdy sec 1	N 0° 37' E	80.32	80.32		.86	
bdy sec 1	N 89° 41' E	77.74	.43		77.74	
dy T 26 S R 10 W	South	483.03		483.03		
nvergency					.10	
			483.28	483.03	160.15	160.32
			483.03			160.15
		Error in lat	.25		Error in Depart	.17

General Description

This fractional township contains gently rolling bench land.

Soil is a friable mixture of sand & clay loam, that can under modern dry farm methods be made to produce medium crops of wheat, rye or corn once in two years.

There is no water in this fractional township.

There is a fair growth of sagebrush in sections 25 & 36; the remaining sections have a fair growth of shad scale. Very little grass grows.

This fractional township is exposed to hot south winds very detrimental to vegetation.

There is no timber in this fractional Tp.

There are no indications of mineral in this fractional Tp.

There are no settlers in this fractional Tp.

John W. Dougall
U. S. Transitman.

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by John W Dougall, United States ~~Deputy Surveyor~~ Transitman, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of Subdivision of Fractional T26S R10W and T27S R10W S L B & M. showing the respective capacities in which they acted:

William B Clark, Chainman.
Willis Whitmore, Chainman.
Ernest Harmer, Moundman.
, Moundman.
, Axman.
, Axman.
Ralph A Groesbeck, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted John W Dougall, United States ~~Deputy Surveyor~~ Transitman, in surveying all those parts or portions of the Subdivision of Fractional T's 27 and 26 S R 10 W

of the Salt Lake Base and meridian, State of Utah, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said 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

William B Clark, Chainman.
Willis Whitmore, Chainman.
Ernest Harmer, Moundman.
, Moundman.
, Axman.
, Axman.
Ralph A Groesbeck, Flagman.

Subscribed and sworn to before me this 18th day of April 1911, 19

SEAL

John W. Dougall
U.S. Transitman

6—151

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, John W. Dougall, Transitman United States ~~Deputy Surveyor~~, do solemnly swear that, in pursuance of special instructions received from Thomas Hull United States Surveyor General for Utah, bearing date of the 6th day of August, 1910, I have well, faithfully, and truly, in my own proper person, and in strict conformity with the instructions furnished by the United States Surveyor General for Utah, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the subdivision of fractional Townships 26 and 27 South, Range 10 West of the Salt Lake Base and meridian, in the State of Utah, which are represented in the foregoing field notes in books A-6 and A-7 having been surveyed by me, and under my direction; and I do further solemnly swear that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the United States Surveyor General for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

John W. Dougall
~~United States Deputy Surveyor~~.
United States Transitman

Subscribed by said John W. Dougall, and sworn to before me this 17 day of April, 1912.

Thomas Hull
U.S. Surveyor-General
for Utah.

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Sept. 16, 1913.

The foregoing field notes of the survey of the subdivisional lines of fractional Township No. 26 South, Range No. 10 West of the Salt Lake Base and Meridian, Utah,

executed by John W. Dougall under his special instructions, dated August 6, 1910, having been carefully examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Thomas Hull
United States Surveyor General.

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

United States Surveyor General.

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Obs.chkd.MFY.
Ex. AKG.

4—679.

BOOK A-382

Filed Apr. 1, 1912.
WSH.

MSB.

FIELD NOTES

OF THE SURVEY OF THE

Subdivision of Fractional

and

Part of North & South Boundaries

of

Township No.28 South, Range No.11 West

Of the Salt Lake Base and *Meridian,*

Utah.

AS SURVEYED BY

John W.Dougall, *United States* Transitman ~~Deputy Surveyor~~,

Under Assignment Group ~~his Contract~~ *No.* 5, *dated* August 6, 1910, xxx

Survey commenced April 24, 1911. xxx

Survey completed May 16 1911. xxx

6—151

BOOK A-382

NAMES AND DUTIES OF ASSISTANTS.

William B.Clark,	Chainman.
Willis Whitmore,	Chainman.
Ernest Harmer,	Moundman.
Ralph A.Groesbeck,	Flagman.

BOOK A-382

INDEX DIAGRAM.

Township 28 South, Range 11 West.

13 6 52	12 54 5 51	11 37 4 36	26 3	2	1
7 49	50 8 48	34 9 33	25 10 24	11	12
18 45	46 17 44	32 16 31	23 15 21	3 14	13
19 41	43 20 40	30 21 29	22 21 19	3 23	24
30 17	39 29 16	27 28 15	18 27 6	5 26	25
31 9	38 32 8	26 33 8 7	34	35	36

Meanders Page .....

6—151

PRELIMINARY OATHS OF ASSISTANTS.

WE, William B. Clark and Willis Whitmore, do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level the chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; that we will report the true distances to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of T. 2 S. R. 11 W. S. L. B. & M. Utah.

William B. Clark, *Chainman.*

Willis Whitmore, *Chainman.*

Subscribed and sworn to before me this 24th day of April, 1911

SEAL

John W. Dougall
U. S. Transitman

WE, Ernest Harmer and ——, do solemnly swear that I will well and truly perform the duties of moundman in the establishment of corners, according to the instructions given me, to the best of my skill and ability, in the survey of T. 2 S. R. 11 W. S. L. B. & M. Utah.

Ernest Harmer, *Moundman.*

——, *Moundman.*

Subscribed and sworn to before me this 24th day of April, 1911

SEAL

John W. Dougall
U. S. Transitman

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

———, *Axman.*

———, *Axman.*

Subscribed and sworn to before me this ——— day of ———, 19

SEAL

———

———

I, Ralph A. Groesbeck, do solemnly swear that I will well and truly perform the duties of flagman according to instructions given me, to the best of my skill and ability, in the survey of T. 2 S. R. 11 W. S. L. B. & M. Utah.

Ralph A. Groesbeck, *Flagman.*

Subscribed and sworn to before me this 24th day of April, 1911

SEAL

John W. Dougall
U. S. Transitman

6—131

Retracement of part of Subdivision T28S R11W

Survey commenced Apr. 24, 1911, and executed with a W&S.E. Gurley light mountain transit, no number, with solar attachment.

For full description of instrument see Book A.

April 23, 1911. At my camp which is near the cor. of secs. 23, 24, 25 & 26, T27S R10W, latitude 38° 27' N, longitude 112° 54' W, I observe Polaris at 4h 25m a.m. l.m.t. and mark the direction thus determined by a tack driven in a stake firmly set, 5.00 chs. north of my station.

Astronomical l.m.t. of obs. Apr. 22,	16h 25m	
U.C. Polaris Apr. 15,	23h 52.2m	
Red. to Apr. 22	27.5	
U.C. Polaris Apr. 22,	23h 24.7m	23h 24.7
Hour angle of Polaris & time argument		6h 59.7m
Azimuth of Polaris, at obs.		1° 25.5'

After daylight I lay off the meridian 1° 25.5' to the west of line of observation.

At 8h 58m a.m. l.m.t. I set off 38° 27' N on the lat. arc; 12° 19' N on the decl. arc; and mark the meridian determined with the solar by a pencil mark on a stake already set 5.00 chs north of my station; this mark falls 0.5 ins. east of the meridian established by the Polaris observation.

At 2h 58m p.m. l.m.t. I set off 38° 27' N on the lat. arc; 12° 24' N on the decl. arc; & mark the meridian determined with the solar by a pencil mark on a stake already set 5.00 chs. N. of my station; this mark falls 0.6 ins. west of the meridian established by the Polaris observation.

The solar apparatus by A.M. & P.M. observations defines positions for meridians about 0' 26" east, and 0' 32" west of the meridian established by the Polaris observation; therefore I conclude that the adjustments of the instrument are satisfactory

Retracement of part of Subdivision T 28 S R 11 W

Preliminary to commencing the subdivision of this fractional township, I retrace & resurvey the boundaries as follows-

Apr. 24, 1911. At 9 h 58 m a. m. l. m. t. I set off 38° 25' N on the lat. arc; 12° 40' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 3, 4, 33 & 34 on N. bdy. of Tp.

Thence I run

S 0° 07' E on blank line on E. bdy. of sec. 4: at 41.04 chs. after diligent search no cor. is found; at 81.74 chs. the cor. of secs. 3, 4, 9 & 10 bears W 17 lks. dist.

Thence south on E. bdy. of sec. 9; at 40.00 chs. after careful search find no cor: at 80.62 chs. intersect old cor. of secs. 9, 10, 15 & 16.

Thence east on N. bdy. of sec. 15: at 40.00 chs. after careful search no cor. is found at 81.00 chs. the cor. of secs. 10, 11, 14 & 15 bears N. 31 lks. dist.

Thence South on E bdy. of sec. 15: at 40.00 chs. find no trace of 1/4 sec. cor: at 80.70 chs. the cor. of secs. 14, 15, 22, & 23 bears E. 7 lks. dist.

Apr. 24, 1911.

Apr. 25, 1911. At 7 h 58 m. a. m. l. m. t. I set off 38° 23' N on the lat. arc; 12° 58' N on the decl. arc; and determine a meridian with the solar at the cor. of secs. 10, 11, 14 & 15, which is a cedar post greatly decayed and marks nearly obliterated.

I destroy all traces of the old cor. & re-establish it at same point as follows

Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 10, 11, 14 & 15 marked on brass cap

T 28 S S 10 in NW
R 11 W S 11 in NE
S 14 in SE
S 15 in SW quadrant; dig pits 18 x 18 x 12

Retracement of part of Subdivision T28S R11W

Chains	in. in each sec. 5½ ft. dist; & raise a mound earth 4 ft base 2 ft. high, W of cor. ✓
	Thence I run
	S 0° 03' E on true line bet. secs. 14 & 15.
	Over gently rolling land through white sage.
10.12	Road, Milford to Shauntie bears N 50° E.
20.90	Road, Smelter to Harrington mines bears S 60° E, & N 60° W.
23.00	Leave white sage.
29.15	Wood road, bears N 45° E, & S 45° W.
40.35	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 15 on W half; S 14 on E half; dig pits 18x18x12 in. N & S of post 3 ft. dist. & raise a mound of earth 3½ ft. base, 1½ ft. high W. of cor. ✓
46.30	Wood road, bears S 60° E & N 60° W.
80.70	The cor. of secs. 14, 15, 22 & 23 which is a cedar post greatly decayed and marks nearly obliterated.
	I destroy all traces of the old cor. and re-establish it at same point as follows.
	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 14, 15, 22 & 23, marked on brass cap
	T 28 S S 15 in NW
	R 11 W S 14 in NE
	S 23 in SE
	S 22 in SW, quadrant; dig pits 18x18x12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor. ✓
	Land, gently rolling.
	Soil, brown clay loam, 4 to 20 in. deep, medium texture, moist, on clay and gravel subsoil.
	Growth of white sage on N 23.00 chs.
	No timber.
	S. on retracement line bet. secs. 22 & 23.

Retracement of part of Subdivision T 28 S R 11 W

40.00 No trace of old 1/4 sec. cor. is found.
81.00 The cor. of secs. 22, 23, 26 & 27 bears W 32 lks. dist. and is a cedar post, greatly decayed marks nearly obliterated.
I destroy all traces of old cor. & re-establish it at same point as follows.
Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 22, 23, 26 & 27, marked on brass cap
T 28 S S 22 in NW
R 11 W S 23 in NE
S 26 in SE
S 27 in SW, quadrant; dig pits 18x18x12 in. in each sec. 5 1/2 ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor.
Thence I run
N 0° 14' E. on resurvey line bet. secs. 22 & 23.
Over gently rolling land, through grease wood
11.25 Wash 1 ft. deep 8 lks. wide drains N 40° E.
20.50 Wash 4 ft. deep 15 lks. wide drains N 30° E.
22.65 Road, Milford to Rock Quarry bears, N 30° E & S 30° W.
40.50 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 22 on W half; S 23 on E half; dig pits, 18x18x12 in. N & S of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor.
58.00 Wood road, bears N 20° W & S 20° E.
70.00 Top of bench, 15 ft. high bears N 30° E & S 30° W.
Leave grease wood, bears N 30° E & S 30° W.
81.00 The cor. of secs. 14, 15, 22 & 23.
Land, gently rolling.
Soil, light brown clay loam, 4 to 10 in. deep, fine texture, moist, on clay subsoil.
Growth of greasewood.
No timber.
Apr. 25, 1911. At this cor. I set off 13° 01' N on

Retracement of part of Subdivision T 38 S R 11 W

Trains	the decl. arc; and at 11 h 38 m. 2 s. l. m. t. observe the sun on the meridian, the resulting lat. is 38° 23' N.
	S on retracement line bet. secs. 26 & 27. Over gently rolling land, through grease wood.
7.00	Top of bench, 25 ft. high bears N 30° E & S 30° W
12.00	Foot of same bears N 30° E & S 30° W: enter bottom land: leave grease wood.
40.37	The 1/4 sec. cor. bears W 9 lks. dist. which is a cedar post greatly decayed, marks nearly obliterated.
	I destroy all traces of the old cor. and re-establish it at same point as follows Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 27 on W half; S 26 on E half; dig pits 18 x 18 x 12 in N & S of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor.
	Therefore the course of this line is S 0° 08' W. Moved to cor.
	S on retracement line bet. secs. 26 & 27.
40.38	The cor. of secs. 26, 27, 34 & 35 bears W 15 lks. dist, and is a cedar post, greatly decayed marks nearly obliterated.
	I destroy all traces of the old cor. and re-establish it at same point as follows Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 26, 27, 34 & 35, marked on brass cap
	T 28 S S 27 in NW
	R 11 W S 26 in NE
	S 35 in SE
	S 34 in SW, quadrant; dig pits 18 x 18 x 12 in. in each sec. 5 1/2 ft. dist; & raise a mound of earth 4 ft. base 2 ft. high, W of cor.
	Land, gently rolling
	Therefore the course of this line is S 0° 13' W

Retracement of part of Subdivision T 28 S R 11 W

Soil, alkali clay 4 to 12 in. deep, moist, on clay subsoil.
Growth of greasewood on N. 12.00 chs.
No timber

Apr. 25, 1911. At 2 h 58 m. p.m. l.m.t. I set off 38° 21' N on the lat arc; 13° 54' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 26, 27, 34 & 35.
Thence I run
N 89° 57' W on retracement line bet. secs. 27 & 34.
40.20 The old 1/4 sec. cor. bears S 4 lks. dist; which is a cedar post, greatly decayed, marks nearly obliterated.
I destroy all traces of the old cor. and re-establish it at same point as follows
Set an iron post 3 ft. long 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 27 on N half; S 34 on S half; dig pits 18 X 18 X 12 in. E & W of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N. of cor.
Therefore the course of this line is West.
Moved to cor.
N 89° 57' W on retracement line bet. secs. 27 & 34.
40.35 The cor. of secs. 27, 28, 33 & 34 bears S 4 lks. dist, which is a cedar post, greatly decayed and marks nearly obliterated.
I destroy all traces of the old cor. and re-establish it at same point as follows,
Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 27, 28, 33 & 34, marked on brass cap
T 28 S S 28 in NW
R 11 W S 27 in NE
S 34 in SE
S 33 in SW, quadrant; dig pits 18 X 18 X 12 in. in each sec. 5 1/2 ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high W of cor.
Therefore the course of this line is West.
Apr. 25, 1911.

Retracement of part of Subdivision T28S R11W.

Apr. 26, 1911. At 8 h 58 m. a. m. l. m. t. I set off 38° 21' N on the lat. arc; 13° 19' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 27, 28, 33 & 34.
Thence I run
S. on retracement line bet. secs. 33 & 34.
40.31 The 1/4 sec. cor. bears E. 3 lks. which is a cedar post, greatly decayed and marks nearly obliterated.
I destroy all traces of the old cor. and re-establish it at same point as follows,
Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 33 on W half; S 34 on E half; dig pits 18x18x12 in. N & S of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor.
Therefore the course of this line is S 0° 02' E.
Moved to cor.
S. on retracement line bet. secs. 33 & 34
40.80 The cor. of secs. 33 & 34 on S. bdy. of Tp. bears E. 2 lks. dist; and is a cedar post, greatly decayed & marks nearly obliterated.
I destroy all traces of the old cor. and re-establish it at same point as follows.
Set an iron post 3 ft. long, 3 in. diam 24 in. in ground for cor. of secs. 3, 4, 33 & 34 marked on brass cap
T28S S33 in NW
R11W S34 in NE
R11W S3 in SE
T29S S4 in SW; quadrant; dig pits 18x18x12 in. in each sec. 5 1/2 ft. dist; & raise a mound of earth 4 ft. base 2 ft. high, W of cor.
Therefore the course of this line is S 0° 02' E.

Retracement of part of South bdy. T28S R11W.

Chains	
	West on retracement line bet. secs. 4 & 33.
40.44	The 1/4 sec. cor. bears N. 2.9 lks. dist; & is a cedar post greatly decayed and marks nearly obliterated.
	I destroy all traces of the old cor. and re-establish it at same point as follows. Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 33 on N half; S 4 on S half; dig pits 18x18x12 in E & W of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N of cor.
	Therefore the course of this line is N 89°35' W.
	Moved to cor.
	Apr. 26, 1911. At this cor. I set off 13°21' N on the decl. arc; and at 11 h 58 m a.m. l. m. t. observe the sun on the meridian, the resulting lat. is 38°20' N.
	Thence I run
	W. on retracement line bet. secs. 4 & 33
40.56	The cor. of secs. 4, 5, 32 & 33 bears S. 1.2 lks. dist; and is a trachyte 10x8x6 in. above ground, firmly set, marked & witnessed as described by the Surveyor General.
	Therefore the course of this line is S 89°50' W.
	W. on retracement line bet. secs. 5 & 32.
40.06	The 1/4 sec. cor. bears S 4 lks. dist; and is a quartzite stone 7x8x7 in. above ground, firmly set, marked & witnessed as described by the Surveyor General.
80.12	The cor. of secs. 5, 6, 31, & 32 bears S 7 lks. dist; & is a limestone 7x7x6 in. above ground firmly set, marked & witnessed as described by the Surveyor General.
	Therefore the course of this line is S 89° 57' W.
	April, 26, 1911.

Retracement of Part of South Bdy T28S R11W

April 27, 1911. At 8h 58m a.m. l.m.t. I set off 38°20' on the lat. arc; 13°38' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 5, 6, 31, & 32.

Thence I run

West on retracement line bet. secs. 6 & 31.

40.00 After diligent search no trace of old 1/4 sec. cor. is found.

79.10 Intersect the Guide Meridian at the cor. of Tps. 28 & 29 S, Rs 11 & 12 W, which is an iron stained porphyry stone 10 x 7 x 6 in. above ground marked & witnessed as described by the Surveyor General.

On account of the difficulty in recognizing a stone cor. at this place I destroy all traces of the old cor. and reestablish it at same point as follows

Set an iron post 3 ft. long 3 in. diam. 24 in. in ground for cor. of Tps. 28 & 29 S, Rs 11 & 12 W marked on brass cap

T 28 S in N half
T 29 S in S half
R 12 W S 36 in NW
R 11 W S 31 in NE
R 11 W S 6 in SE
R 12 W S 1 in SW, quadrant; raise a mound of stone 4 ft. base, 3 ft. high, S of cor. Pits impracticable.

Apr. 27, 1911.

May 1, 1911. At 8h 59m a.m. l.m.t. I set off 38°20' on the lat. arc; 14°53' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 5, 6, 31 & 32 on S bdy. of Tp.

Thence I run

West on resurvey line bet. secs. 6 & 31.

Over gently rolling bench land; south slope.

7.80 Wood road bears N 35° W & S 35° E.

24.25 Wash 10 ft. deep 40 lks. wide drains S.

39.65 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass

Retracement of Part of South Bdy. T 28 S R 11 W.

	cap ¼ S 31 on N half; S 6 on S half; raise a mound of stone 2 ft. base 1½ ft. high N of cor. Pits impracticable.
48.30	Wood road bears N 25° E & S 25° W: leave bench land; enter mountainous land bears N & S, ascend.
64.00	Begin very abrupt ascent through slide rock.
78.00	Leave slide rock, bears N & S.
78.95	Ridge 450 ft. above ¼ sec. cor. bears N & S.
79.10	The cor. of Tps. 28 & 29 S, Rs 11 & 12 W.
	E 48.00 chs. gently rolling bench land, S slope. Soil, poor sandy loam, with some gravel, 5 to 7 in. deep, coarse texture, dry, on gravel subsoil.
	W. 31.10 chs. broken & hilly.
	Ridges & slopes very stony & washed.
	No timber.
	May 1, 1911.

Resurvey of Part of North Bdy T 28 S R 11 W

Apr. 29, 1911. At 9 h 57 m. a. m. l. m. t. I set off 38°25' on the lat arc; 14°17' N on the decl. arc; & determine a meridian with the solar at the old cor. of Tps. 27 & 28 S., Rs 11 & 12 W heretofore described & which was afterward destroyed when re-established corner was set on G. M.
Thence I run
East on blank line on N bdy of sec. 6.
At 41.92 chs. I find the 1/4 sec. cor. S 4 lks: at 82.06 chs. the cor. of secs. 5, 6, 31 & 32 S 2 lks: 122.46 chs. 1/4 cor. bet. secs. 5 & 32 bears S. 2.09 chs: at 162.86 chs. the cor. of secs. 4, 5, 32 & 33 bears S 2.25 chs: at 203.05 chs. the 1/4 cor bet. secs. 4 & 33 bears S 2.38 chs: & at 243.22 chs. the cor. of secs. 3, 4, 33 & 34 bears S 2.49 chs. dist. & as these townships have not been subdivided west of this cor except the NE. 1/4 & N 1/2 of SE 1/4 of sec. 4 & as no entries are made in this sec. I resurvey the N bdy of secs. 4, 5 & 6 and re-establish the 1/4 cor on which areas above mentioned are dependent as follows:

Apr. 29, 1911.

May. 4, 1911. At 9 h 57 m. a. m. l. m. t. I set off 38° 25' N on the lat. arc; 15°48' N on the decl. arc, & determine a meridian with the solar at the cor. of secs. 3, 4, 33 & 34 on N bdy of Tp.
Thence I run
West on resurvey line bet. secs. 4 & 33.
Over gently rolling land through sagebrush.

1.10 The Beaver River Power Co's Pole line to Frisco bears N 64°30' W & S 64°30' E.

31.00 Wood road bears N 10° W & S 10° E.

33.90 Wash 4 ft. deep 30 lks. wide drains S 70° E.

40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 33 on N half; S 4 on S half; dig pits 18 x 18 x 12 in. E & W of post 3 ft. dist; & raise a mound of earth 3/2 ft. base, 1 1/2 ft. high, N of cor.
I destroy all trace of old 1/4 sec. cor.

49.00 Wood road bears N 45° W & S 45° E.
56.00 Foot of abrupt ascent; leave rolling; enter mountainous land bears N 20° W & S 20° E.
68.00 Top of spur 250 ft. high proj. N 20° W, thence descend gently.
80.00 Set an iron post 3 ft. long 3 in. diam. 24 in. in ground for cor. of secs. 4, 5, 32 & 33 marked on brass cap
T27 S S32 in NW
R11 W S33 in NE
R11 W S4 in SE
T28 S S5 in SW, quadrant; raise a mound of stone 2 ft. base 1½ ft. high W of cor. Pits impracticable. I destroy all trace of old sec. cor.
E 56.00 chs. high rolling bench land E slope. Soil, light poor sandy loam, 4 to 12 in. deep medium texture, dry; sand & gravel subsoil. Scattering growth of sagebrush.
W 24.00 chs. broken and hilly.
Ridges, light poor sandy loam; stony, washed on slopes; subsoil, clay and limestone bedrock.
No timber.
May 4, 1911. At this cor. I set off 15° 49' N on the decl. arc; & at 11 h 57 m. a.m. l. m. t. observe the sun on the meridian, the resulting lat. is 38° 25' N.

West on resurvey line bet. secs. 5 & 32. Over mountainous land, through sagebrush, descend.
2.80 Foot of mountainous land. Wash 100 ft. below cor. drains N 10° W; enter rolling land.
28.75 R. M. B. Telephone line to Shauntie bears N 16° 30' E, & S 16° 30' W.
31.50 Road to Shauntie bears N 50° E & S 50° W.
40.00 Falls in wash 6 ft. deep 70 lks. wide, drains N 45° E., ¼ sec. cor. not set.
40.50 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for junction ¼ sec. cor. marked on

Resurvey of Part of North Bdy T 28 S R 11 W.

brass cap WC 1/4 S 32 on N half; S 5 on S half; from which
A lone cedar 8 in. diam. bears
N 41° 15' E, 2.06 chs. dist. marked
WC 1/4 S 32 B T
A lone cedar 10 in. diam. bears
S 7° W, 2.79 chs. dist. marked
WC 1/4 S 5 B T. I destroy all trace of old 1/4 sec. cor.
55.00 Wash 6 ft. deep 20 lks. wide drains N 40° E.
64.00 Wash 8 ft. deep 50 lks. wide drains N 50° E.
75.30 Wash 8 ft. deep 25 lks wide drains N 50° E.
80.00 Set an iron post 3 ft. long, 3 in. diam. 24 in. in ground for cor. of secs. 5. 6. 31 & 32 marked on brass cap
T 27 S S 31 in NW
R 11 W S 32 in NE
R 11 W S 5 in SE
T 28 S S 6 in SW, quadrant; dig pits 18 x 18 x 12 in. in each sec 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor. I destroy all trace of old sec. cor.
E 2.50 chs. broken & hilly.
Ridges, light poor sandy loam, stony, on limestone bedrock.
W 77.20 chs. high rolling bench land NE slope
Soil, light poor sandy loam 4 to 6 in. deep, stony, coarse texture, dry, clay & gravel subsoil.
Scattering growth of sagebrush.
No timber.

May 4, 1911. At 2 h 57 m. p. m. l. m. t. I set off 38° 25' on the lat. arc; 15° 51' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 5, 6, 31 & 32.
Thence I run
West on resurvey line bet. secs. 6 & 31.
Over rolling land through scattering sagebrush.
4.10 Wash 10 ft. deep 40 lks. wide drains N 60° E.

Resurvey of Part of North Bdy T28S R11W.

30.00	Wash in hollow drains N 50° E.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap, 1/4 S31 on N half; S6 on S half; dig pits 18x18x12 in. E & W of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high. N of cor. I destroy all trace of old 1/4 sec. c
80.07	Intersect Guide Meridian 5.84 chs. N of the re-established cor. of Tps. 27 & 28 S, Rs 11 & 12 W. Set an iron post 3 ft. long, 3 in. diam. 24 in in ground for closing cor. of Tps. 27 & 28 S, R 11 W, marked on brass cap T27S on N half T28S on S half CC R12W S1 S36 on W half R11W S31 in NE S6 in SE. quadrant; dig pits 24x18 x12 in. crosswise on each line N & S 4 ft. & E of post 8 ft. dist; & raise a mound of earth 5 ft. base, 2½ ft. high, E of cor. Land, high rolling bench NE slope. Soil, light poor sandy loam, stony, 4 to 8 in. deep, medium texture, dry, clay & gravel subsoil. No timber. I destroy all marks on corners set for Tps. 27 & 28 S. Rs 11 & 12 W. pertaining to Tps 27 & 28 S. R. 11 W. May 4-1911.

Subdivision of Part of T28S R11W

Survey commenced May 5, 1911 and executed with a W & L. E Gurley light mountain transit no number, with solar attachment.

For full description of instrument see Book A.

Knowing my instrument is in perfect adjustment from recent observations on Polaris.

Knowing from retracements that a Sectional Correction Line is necessary. May 5, 1911. At 8 h 27 m. a. m. l. m. t. I set off 38°21' N on the lat. arc; 16°04' N on the decl. arc; and determine a meridian with the solar at the cor. of secs. 27, 28, 33 & 34.

Thence I run

W. on retracement line bet. secs. 28 & 33

Over gently rolling bench land through chaparral.

17.00 Wood road bears N 45° E, & S 45° W.

17.20 Wood road bears N 10° E, & S 10° W.

32.80 Wash, 1 ft. deep, 12 lks. wide, drains S 60° E.

40.10 Intersect old 1/4 sec. cor. which is a cedar post greatly decayed, marks nearly obliterated.

I destroy all traces of the old cor. and re-establish it at same point as follows.

Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 28 on N half; S 33 on S half; dig pits 18 x 18 x 12 in E & W of post, 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, N of cor.

West on Sectional Correction Line bet secs 28 & 33.

11.10 Wood road bears N 20° E & S 20° W.

16.00 Foot of rolling foot hills bears N & S.

34.00 Top of low ridge 150 ft. high bears N & S

40.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs 28, 29, 32, & 33 marked on brass cap

Subdivision of Part of T28 S R11W

T28 S S29 in NW
R11 W S28 in NE
S 33 in SE
S 32 in SW, quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor.
Pits impracticable. ✓
E 56.00 chs. gently rolling bench land sloping East.
Soil, poor sandy loam, 4 to 12 in. deep, medium texture, dry, clay & gravel subsoil.
W 24.00 chs. low, stony hills.
Soil, light poor sandy loam on ridges, washed & stony on slopes.
No timber.
From this cor. hoist at shaft of Gold Crown bears N 10° W.

West on Sectional Correction Line bet. secs. 29 & 32.
Over stony rolling mountainous land.
4.00 Foot of mountainous land bears N & S.
Enter rolling land.
11.25 Wash 6 ft. deep, 20 lks. wide, drains S 45° E.
16.20 Wash 6 ft. deep, 20 lks. wide, drains S 45° E.
17.40 Wood road bears N 60° E & S 60° W.
30.65 Wash, in hollow, 8 ft. deep, 30 lks wide drains S 45° E.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 29 on N half; S 32 on S half; from which
A lone cedar tree, 12 in. diam. bears
S 13° E, 2.40 chs. dist. marked
¼ S 32 B T
Dig pits 18 X 18 X 12 in E & W of post, 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, N of cor. ✓
46.85 Mouth of draw drains S 20° E, thence ascend
Enter rolling mountainous land bears N & S.
80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 29, 30, 31 & 32

Subdivision of Part of T 28 S R 11 W.

marked on brass cap
T 28 S S 30 in NW
R 11 W S 29 in NE
S 32 in SE
S 31 in SW, quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor.
Pits impracticable.
E 11.00 chs. & W 33.15 chs. broken & hilly.
Ridges, poor clay loam, washed on slopes stony, subsoil, gravel & limestone.
The balance of this mile is gently rolling bench land sloping SE.
Soil, poor sandy loam, 6 to 10 in. deep, coarse texture, stony, dry, gravel subsoil.
No timber.
May 5, 1911. At this cor. I set off 16°06' N on the decl. arc; and at 11 h 57 m. a.m. l. m. t. observe the sun on the meridian, the resulting lat. is 38°21' N.

West on Sectional Correction Line bet. secs. 30 & 31.
Over broken mountainous land, ascend.
2.50 Spur 150 ft. above cor. proj. S10° E, descend.
15.75 Wash in bottom of Elephant Canyon, 300 ft. below spur, drains S10° E.
17.50 Wood road in Elephant Canyon bears N & S.
35.00 Enter scattering cedar & pinion timber bears N 50° W & S 50° E.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 30 on N half; S 31 on S half; from which
A cedar tree, 10 in. diam. bears
S 14° 30' W, 1.96 chs. dist. marked
¼ S 31 B T
A cedar tree, 5 in. diam. bears
N 28° 30' W, 3.70 chs. dist. marked
¼ S 30 B T
From this cor. miners cabin bears N 69° 15' W ✓
48.15 Pipe line bears N 65° 30' W & S 65° 30' E

Subdivision of Part of T28SR11W

48.30 Telephone Line bears N65°30'W & S65°30'E
60.00 Hoist at Lucky Find Mine bears N21°47'W
64.00 Begin abrupt ascent bears N70°W & S70°E
78.80 Miners cabin bears N55°40'E.
Hoist at Lucky Find Mine bears N49°50'E
80.26 Intersect W bdy. or Guide Meridian 88 lks
N of cor. of secs. 25, 30, 31 & 36. heretofore described.
Set an iron post 3 ft. long, 2 in. diam. 24 in
in ground for closing cor. of secs. 30 & 31
marked on brass cap
T28S in N half
CC R12W S25S36 on W half
S30 in NE
R11W S31 in SE, quadrant; from which
A cedar tree, 8 in. diam. bears
N71°30'E, 91 lks. dist. marked
CC T28S R11W S30 BJ
A pinion tree, 6 in. diam. bears
S73°30'E, 54 lks. dist. marked
CC T28S R11W S31 BJ. ✓
I destroy all marks on cor. of secs. 25, 30, 31,
& 36 that pertain to secs. 30 & 31.
Sand, broken hilly & stony mountainous.
Practically no soil on ridges; slopes wash-
ed & stony; valleys with brown clay loam,
gravelly & stony; subsoil, gravel & limestone
Timber, scattering cedar & pinion.
May 5, 1911.

May 6, 1911. At 1 h 57 m. p. m. l. m. t. I set off
38°21' N on the lat. arc; 16°25' N on the decl.
arc; & determine a meridian with the solar
at the cor. of secs. 27, 28, 33 & 34,
From this cor. smokestack at old Estella
Mill bears N16°52'E.
Thence I run
N. on retracement line bet. secs. 27 & 28,
Over gently rolling bench land through
shad scale.
16.50 Leave shadscale; enter small sagebrush

Subdivision of Part of T 28 S R 11 W.

	bears N 40° E & S 40° W.
17.40	Wood road bears N 35° E, & S 35° W.
37.25	Road, Estella Mine to Estella Mill bears S 80° E.
40.44	The old 1/4 sec. cor. bears E. 6 lks. dist; which is a cedar post, greatly decayed, marks nearly obliterated.
	I destroy all braces of the old cor. and re-establish it at same point as follows.
	Set an iron post 3 ft. long, 1 in. diam. 26 in in ground for 1/4 sec. cor. marked on brass cap 1/4 S. 28 on W half; S 27 on E half; dig pits 18 X 18 X 12 in. N & S of post 3 ft. dist; & raise a mound of earth 3/2 ft. base, 1/2 ft. high W of cor.
	Therefore the course of this line is N 0° 55' E.
	Thence I run
	North bet. secs. 27 & 28.
1.45	Wood road bears E & W.
3.40	Smokestack of Estella Mill bears S 41° E.
15.00	Enter rolling mountainous land bears E & W, ascend.
16.25	Wood road bears N 60° E & S 60° W.
16.50	Wood road bears N 25° E, & S 25° W.
28.00	Point of spur 60 ft. high proj. S 60° E.
34.80	Wash, 10 ft. deep 30 lks. wide, in mouth of draw drains S 70° E.
40.00	Set temp. cor. for secs. 21, 22, 27 & 28.
	East on random line bet. secs. 22 & 27.
40.28	Remains of old 1/4 sec. cor. bears N 32 lks. dist.
	I resurvey old line bet. secs. 22 & 27 as follows.
	From remains of old 1/4 sec. cor.
	I run East on random line
40.44	Intersect N & S line 6 lks. S of cor. of secs. 22, 23, 26 & 27.
	Thence I run:
	S 89° 55' W on retracement line bet. secs. 22 & 27.
	Over gently rolling land sloping East

Subdivision of Part of T 28 S R 11 W

through greasewood.
9.37 Wash 1 ft. deep, 8 lks. wide drains N 40° E.
20.00 Leave greasewood; enter shadscale bears N 40° E.
31.70 Road, Milford to Estella Mill bears N 35° E & S 35° W.
40.44 Destroy all traces of old 1/4 sec. cor. and re-establish it at same point as follows
Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 22 on N half; S 27 on S half; raise a mound of stone 2 ft. base, 1 1/2 ft. high, N of cor.
From this cor. Granite Stone Quarry bears S 63° W, 8.25 chs.
Thence I run
West on true line bet. secs. 22 & 27
11.30 Leave rolling land; enter rolling mountainous land, ascend.
10.25 Reef of granite known as Rock Quarry bears S 40° E & N 40° W.
14.30 Dry lake or sink.
27.25 Wood road bears N & S.
40.28 Intersect N & S line 32 lks. N. of temp. cor. of secs. 21, 22, 27 & 28 previously set. I destroy all trace of temp. cor., and at my point of intersection
Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 21, 22, 27 & 28 marked on brass cap
T 28 S S 21 in NW
R 11 W S 22 in NE
S 27 in SE
S 28 in SW, quadrant; raise a mound of stone 2 ft. base, 1 1/2 ft. high, W of cor.
Pits impracticable.
Sand, rolling.
Soil on E 44.00 chs. brown clay loam, 4 to 10 in. deep, medium texture, dry, clay subsoil
W 36.72 chs. sandy loam with some

Subdivision of Part of T28 S R11W

gravel, 6 to 10 in. deep, gravel & decomposing granite subsoil.
Growth of greasewood & shadscale.
No timber.

May 6, 1911.

May 8, 1911. At 7h 56m a.m. l. m. t. I set off 38°22' N on the lat. arc; 16°55' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 21, 22, 27 & 28.
From the permanent cor. of secs. 21, 22, 27 & 28 I run north on random line bet. secs. 21 & 22 and at 80.00 chs. set temp. cor. for secs. 15, 16, 21 & 22. Thence I run east on a random line bet. secs. 15 & 22
40.58 Old 1/4 sec. cor. bears N 1.10 chs. dist; which is a cedar post, greatly decayed, marks nearly obliterated.
I destroy all traces of the old cor. and re-establish it at same point as follows.
Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 15 on N half; S 22 on S half; dig pits 18 x 18 x 12 in E & W of post, 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high N of cor. ✓
From this 1/4 sec. cor. I run
East on blank line bet. secs. 15 & 22
40.41 Intersect N & S line at cor. of secs. 14, 15, 22 & 23.
Thence I run
West on retracement line bet. secs. 15 & 22
Over gently rolling bench land sloping E.
28.15 Wood road bears S 45° E & N 45° W.
36.25 Wash 3 ft. deep 25 lks. wide drains S 45° E.
40.41 The 1/4 sec. cor. bet. secs. 15 & 22.
My falling being out of limit, I abandon random line and beginning at the 1/4 sec. cor. bet. secs 15 & 22, I run
West on true line bet. secs. 15 & 22

Subdivision of Part of T28S R11W

7.45 Wood road bears N & S.
14.55 Enter rolling mountainous land bears N & S
20.00 Point of spur 150 ft. high prog. N 20° E.
30.00 Mouth of draw 100 ft. below spur drains N 60° E
40.58 Intersect N & S line 1.10 chs. N of temp. cor. of secs. 15, 16, 21 & 22 previously set. I destroy all traces of temp cor., and at my point of intersection
Set an iron post 3 ft. long, 2 in. diam. 24 in in ground for cor. of secs. 15, 16, 21 & 22 marked on brass cap
T28S S16 in NW
R11W S15 in NE
S22 in SE
S21 in SW, quadrant; raise a mound of stone 2 ft. base, 1/2 ft. high W of cor.
Pits impracticable. ✓
From this cor. mouth of Boston No 1 tunnel bears S 27° E, 75 lks. dist. ✓
Boston No 1 location monument bears S 68° E, 86 lks. ✓
E 55.00 chs. gently rolling bench land, slope E.
Soil, light poor sandy loam, with some gravel, 3 to 15 in. deep, coarse texture, dry gravel subsoil.
West 26.00 chs. broken & hilly.
Ridges & slopes, stony; valleys, light, poor, sandy loam with gravel; subsoil, gravel.
No timber.

South on true line bet. secs. 21 & 22.
Over stony, rolling, mountainous land, descend
7.10 Head of draw, 75 ft. below cor. drains N 40° E
15.00 Spur 110 ft. above draw prog. E.
22.10 Abandoned shaft, 1.25 chs. E. ✓
23.10 Abandoned shaft 1.00 ch. E.
40.55 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S21 on W half; S22 on E. half; raise a

Subdivision of Part of T 28 S R 11 W

	mound of stone 2 ft. base, 1½ ft. high, W of cor.
	Pits impracticable.
41.50	Mouth of draw 200 ft. below spur, drains E
56.60	Spur 225 ft. above draw proj. S. 60° E.
72.00	Wood road bears N 60° E & S 60° W.
81.10	The cor. of secs. 21, 22, 27 & 28.
	Land, rolling mountainous.
	Soil on ridges, gravelly & stony: slopes have some clay & sand, gravel & stone subsoil. Valleys, good brown sandy loam, 4 to 6 in. deep; subsoil, gravel & stone.
	No timber.
	From the permanent cor. of secs. 15, 16, 21 & 22 I run North on random line bet. secs. 15 & 16.
40.00	Set temp ¼ sec. cor.
80.55	The cor. of secs. 9, 10, 15 & 16 bears E. 3 lks. dist; which is a small cedar post, greatly decayed & marks nearly obliterated.
	I destroy all traces of old cor. and re-establish it at same point as follows
	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 9, 10, 15 & 16 marked on brass cap
	T 28 S S 9 in NW
	R 11 W S 10 in NE
	S 15 in SE
	S 16 in SW, quadrant; dig pits 18 X 18 X 12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base 2 ft. high, W of cor.
	May 8, 1911. At this cor. I set off 16° 57' N on the decl. arc; and at 11 h 56 m. a.m. l. m. t. observe the sun on the meridian the resulting lat. is 38° 23' N.
	Thence I run
	S 0° 01' W on true line bet. secs. 15 & 16.
	Over gently rolling bench land sloping E.
29.25	Wash 6 ft. deep, 3 lks. wide drains N 50° E.
37.05	Wood road bears N 70° W & S 70° E.
38.05	Road, Milford to Shauntie bears N 80° E & S 80° W.

Subdivision of Part of T28S R11W

39.72 Wash 5 ft. deep 25 lks. wide drains N 60° E.
40.55 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S16 on W half; S15 on E half; raise a mound of stone 2 ft. base, 1½ ft. high W of cor. Pits impracticable.
From this cor. shaft at Boston No5 bears S 31° W.
45.55 Wash 6 ft. deep, 60 lks. wide, drains N 80° E.

52.50 Enter rolling mountainous land bears N 50° E & S 50° W.
65.30 Shaft at Boston No5 bears S 68° 35' W.
Cabin belonging to Mineral Range Gold Mining Co. bears S 35° 50' W
Spur 150 ft. high proj. N 25° E.
70.70. Small draw 125 ft. below spur drains N 45° E
74.15 Spur 140 ft. above draw proj. N 45° E.
Cabin of Mineral Range Gold Mining Co, bears N 31° 40' W.
80.55 The cor. of secs. 15, 16, 21 & 22.
N 52.50 chs. gently rolling bench land sloping E.
Soil, poor sandy loam 4 to 6 in. deep, coarse texture, stony, dry, gravel subsoil.
S 28.05 chs. broken & hilly; ridges very stony, slopes washed & stony.
No timber.

May 8, 1911. At 2 h 26 m. p. m. l. m. t I set off 38° 23' N on the lat. arc; 16° 59' N on the decl. arc; and determine a meridian with the solar at the cor. of secs. 9, 10, 15 & 16.
Thence I run
N 89° 47' E on resurvey line bet. secs. 10 & 15
Over gently rolling bench land sloping E.
13.25 Wood road bears N 30° W & S 30° E.
23.40 Wood road bears N 70° W & S 70° E.
40.50 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S10 on N half; S15 on S half; dig pits 18 X 18 X 12

Subdivision of Part of T28S R11W.

in. E & W of post 3 ft. dist; & raise a mound of earth 3/2 ft. base, 1/2 ft. high, N of cor.
48.50 Enter white sage flat, bears N 70° W & S 70° E.
81.00 The cor. of secs. 10, 11, 14 & 15.
Land, gently rolling bench sloping E.
Soil on W. 10.00 chs. sandy loam 4 to 12 in. deep, coarse texture, dry, gravel subsoil.
Soil on E 71.00 chs. good brown clay loam 10 to 20 in. deep, fine texture, dry, clay subsoil.
No timber.

North on resurvey line bet. secs. 9 & 10
Over gently rolling bench land sloping E.
8.60 Wood road bears E & W.
11.25 Wash 6 ft. deep, 25 lks. wide drains E.
14.30 Road, Milford to White Rock Mine bears S 60° W & N 60° E.
19.50 Wood road bears N 15° W & S 15° E.
33.15 Power line to Harrington Hickory Mine bears N 87° 45' W & S 87° 45' E.
38.10 Road, Milford to Rebel Mines bears N 80° W & S 80° E.
40.31 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 9 on W half; S 10 on E half; dig pits 18 X 18 X 12 in. N & S of post 3 ft. dist; & raise a mound of earth 3/2 ft. base, 1/2 ft. high, W of cor.
80.62 The cor. of secs. 3, 4, 9, & 10, which is a small cedar post, greatly decayed and marks nearly obliterated.
I destroy all traces of the old cor. and re-establish it at same point as follows
Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 3, 4, 9, & 10 marked on brass cap
T 28 S S 4 in NW
R 11 W S 3 in NE
S 10 in SE
S 9 in SW, quadrant; dig pits 18 X 18 X 12 in. in each sec. 5/2 ft. dist; & raise a mound

of earth 4 ft. base, 2 ft. high W of cor.
Land, gently rolling bench, sloping E.
Soil, S 18.00 chs. brown sandy loam, 4 to 10 in. deep, coarse texture, dry, gravel subsoil.
N 62.62 chs. good brown clay loam 10 to 20 in. deep, medium texture, dry, clay subsoil.
No timber.

May 8, 1911.

May 10, 1911. At 3 h 56 m. p. m. l. m. t. I set off 38° 24' N on the lat. arc; 17° 32' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 3, 4, 9 & 10.
Thence I run
North on resurvey line bet. secs. 3 & 4.
Over gently rolling bench land sloping E.
0.95 Wash 4 ft. deep, 60 lks. wide drains S 40° E.
30.50 Wood road bears N 45° W & S 45° E.
40.35 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 4 on W half; S 3 on E half; dig pits 18 X 18 X 12 in. N & S of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor.
63.24 Enter sagebrush bears N 70° E & S 70° W.
70.25 Wash 2 ft. deep 40 lks. wide drains S 70° E.
81.22 The Beaver River Power Co's Pole Line to Frisco bears N 64° 30' W & S 64° 30' E.
81.74 The cor. of secs. 3, 4, 33 & 34, heretofore described.
Land, gently rolling bench, sloping E.
Soil, good brown sandy loam, 6 to 20 in. deep, medium texture, dry, clay and gravel subsoil.
No timber.

May 10, 1911.

May 6, 1911. At 9 h 57 m. a. m. l. m. t. I set off 38° 21' N on the lat. arc; 16° 22' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 28, 29, 32 & 33
Thence I run

Subdivision of Part of T28S R11W.

	South on random line bet. secs. 32 & 33
40.00	Set temp. 1/4 sec. cor.
80.68	Intersect S. bdy. of Tp. N 89°50' E, 85 lks. of cor. of secs. 4, 5, 32 & 33, heretofore described. Set an iron post, 3 ft. long. 2 in. diam. 24 in. in ground for closing cor. of secs. 32 & 33 marked on brass cap
	T28S S32 in NW
	R11W S33 in NE, quadrant
	C C T29S R11W S4 S5 in S half; raise a mound of stone 2 ft. base, 1½ ft. high N of cor. Pits impracticable.
	Thence North on true line bet. secs. 32 & 33.
	Over gently rolling bench land.
9.68	Pipe line bears N68°21'W & S68°21'E.
9.83	Telephone line bears N68°21'W & S68°21'E.
40.68	Set an iron post 3 ft. long 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S32 on W half; S33 on E half; dig pits 18x18x12 in N & S of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high W of cor.
41.70	Wood road bears N30°E & S30°W.
48.90	Wash 10 ft. deep 6 lks. wide drains S80°E.
50.70	Leave rolling land; enter mountainous land bears N80°W & S80°E.
80.68	The cor. of secs. 28, 29, 32 & 33.
	N. 30.00 chs. rolling stony mountainous land.
	S. 50.68 chs rolling bench land sloping E.
	Soil, light sandy loam, 6 to 12 in. deep, medium texture, dry, gravel and limestone subsoil.
	No timber.
	May 6, 1911.
	May 9, 1911. At 8h 26m. a.m. l.m.t. I set off 38°21' N on the lat. arc; 17°11' N on the decl. arc; and determine a meridian with the solar at the cor. of secs. 28, 29, 32 & 33.
	Thence I run
	N0°01'W bet. secs 28 & 29

Subdivision of Part of T28S R11W

Over stony rolling mountainous land, descend.

11.65 Wood road bears N60°E & S60°W.

19.25 Mouth of draw 75 ft. below cor. drains S60°E.

30.45 Wood road bears N60°E & S60°W.

37.25 Enter scattering cedar bears N40°W & S40°E.

40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S29 on W half; S28 on E half; from which

A cedar tree, 6 in. diam. bears West, 1.50 chs. dist. marked 1/4 S29 B T

A cedar tree, 5 in. diam. bears S41°22'E, 2.62 chains dist. marked 1/4 S28 B T

From this cor. hoist at Gold Crown bears N51°50'W.

42.00 Spur 85 ft. above draw proj. S60°E.

43.00 Leave cedar timber bears E & W.

44.85 Draw 75 ft. below spur drains S45°E.

46.85 Wood road bears N40°W & S40°E.

59.75 Spur 110 ft. above draw proj. S50°E.

66.25 Draw 75 ft. below spur drains S50°E.

80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 20, 21, 28 & 29 marked on brass cap

T28S S20 in NW

R11W S21 in NE

S28 in SE

S29 in SW quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor.

Pits impracticable.

Land, rolling mountainous: drains S.E.

Ridges with stone and coarse sandy loam

Slopes, washed & stony; poor sandy loam with gravel in valleys, gravel and limestone subsoil.

Timber, scrubby cedar.

From this cor. a deserted shop near abandoned iron mines bears S44°W, 3.60 chs.

Subdivision of Part of T 28 S R 11 W.

East on random line bet. secs. 21 & 28.
40.00 Set temp 1/4 sec. cor.
80.25 Intersect N & S line 76 lks. S of cor. of secs. 21, 22, 27 & 28.
Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for closing cor. of secs. 21 & 28 marked on brass cap
T 28 S R 11 W in N half
CC S 22 S 27 on E half
S 21 in NW
S 28 in SW, quadrant; dig pits 24 x 18 x 12 in. crosswise on line N & S 3 ft. and W of post 7 ft. dist; & raise a mound of earth 4 ft. base 2 ft. high W of cor.
I destroy all marks on cor. of secs. 21, 22, 27 & 28 that pertain to secs. 21 & 28. ✓
Thence I run
West on true line bet. secs. 21 & 28.
Over rolling mountainous land, ascend gently.
10.80 Mouth of draw drains S 50° E.
18.30 Stable near deserted mines bears N 37° 50' W.
Hoist at deserted shaft bears N 42° 35' W.

W. S. M. M. No 3 bears N 66° W.
40.13 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 21 on N half; S 28 on S half; raise a mound of stone 2 ft. base, 1 1/2 ft. high N of cor. Pits impracticable ✓
From this cor. stable at deserted mine bears N 13° 30' E. ✓
Hoist at deserted shaft bears N 8° 50' E.
40.90 Spur 350 ft. above draw proj. S 75° E.
Smoke stack at Estella Mine bears S 60° 50' W. ✓
Entrance at Estella Mine bears S 47° 40' W.
Stable bears S 26° 50' W. ✓
64.50 Draw 175 ft. below spur drains S 60° E.
70.00 Spur 125 ft. above draw proj. S.
74.00 Draw 100 ft. below spur drains S.
78.34 Smoke stack at Estella Mine bears S 42° 40' E. ✓

Subdivision of Part of T 28 S R 11 W.

Cabin at Estella Mine bears S 53° 30' E ✓
Stable bears S 52° E. ✓
80.25 The cor. of secs. 20, 21, 28 & 29.
Land, rolling mountainous.
Ridges stony, slopes washed & stony, valleys poor sandy loam with some gravel and stones, gravel subsoil.
No timber.
May 9, 1911. At this cor. I set off 17° 13' N on the decl. arc; and at 11 h 56 m a.m. l. m. t. observe the sun on the meridian, the resulting lat. is 38° 22' N.

N 0° 01' W bet. secs. 20 & 21.
Over broken stony mountainous land, ascend.
9.50 Ridge bears N 80° E & S 80° W.
37.00 Draw 200 ft. below ridge drains N 40° E.
Leave mountainous land; enter rolling land bears N 40° E & S 40° W.
38.00 Enter scattering cedar bears N 40° E & S 40° W.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 20 on W half; S 21 on E half; from which
A cedar tree 7 in. diam. bears
S 33° 40' E, 1.01 chs. dist. marked
1/4 S 21 B T
A cedar tree, 5 in. diam. bears
S 64° 15' W, 87 lks. dist. marked
1/4 S 20 B T.
From this cor. W. S. M. M. No 3 bears S 41° 05' E.
42.00 Leave cedar timber bears E & W.
46.70 Wash 10 ft. deep, 30 lks. wide, drains N 50° E.
62.65 Road, Milford to Shauntie bears N 40° E & S 40° W
80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 16, 17, 20 & 21, marked on brass cap
T 28 S S 17 in NW
R 11 W S 16 in NE
S 21 in SE

Subdivision of Part of T28S R11W.

S 20 in SW, quadrant; dig pits 18x18x12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor.
A lone cedar 10 in. diam. bears
S 88° 40' W, 2.78 chs. dist. marked
T28S R11W S20 BT.
S 37.00 chs. broken & hilly.
Ridges with light poor sandy loam very stony, slopes washed & stony, valleys poor, sandy loam, stony with some gravel, subsoil, limestone & gravel.
N 43.00 chs. rolling bench land sloping NE.
Soil, light poor sandy loam 4 to 8 in. deep stony, medium texture, dry, gravel subsoil.
Timber, scrubby cedar.

May 9, 1911. At 2h 56m. p. m. l. m. t. I set off 38° 23' N on the lat. arc; 17° 16' N on the decl. arc; and determine a meridian with the solar at the cor. of secs. 16, 17, 20 & 21.
Thence I run
East on random line bet. secs. 16 & 21.
40.00 Set temp. ¼ sec. cor.
80.30 Intersect N & S line 1.97 chs. S of cor. of secs. 15, 16, 21 & 22.
Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for closing cor. of secs. 16 & 21, marked on brass cap
T28S R11W on N half
CC S15 S22 on E half
S16 in NW
S21 in SW, quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor.
Pits impracticable.
I destroy all marks on cor. of secs. 15, 16, 21 & 22 that pertain to secs. 16 & 21.
Thence I run
West on true line bet. secs. 16 & 21.
Over rolling mountainous land, ascend.
11.00 Spur 175 ft. above cor. proj. N 40° E.

Subdivision of Part of T 28 S R 11 W.

22.25	Draw 150 ft. below spur drains N 30° W.
40.15	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 16 on N half; S 21 on S half; raise a mound of stone 2 ft. base, 1½ ft. high, N of cor.
44.25	Spur 100 ft. above draw prog. N 20° E.
47.75	Wash at foot of mountainous land, 100 ft. below spur drains N 20° E.
	Enter rolling land.
68.25	Road, Milford to Shauntie bears N 40° E & S 40° W.
80.30	The cor. of secs. 16, 17, 20 & 21.
	E 47.75 chs. broken & hilly.
	Ridges with light poor sandy loam, stony; slopes poor sandy loam, stony; valleys poor sandy loam with some gravel; subsoil, gravel & stone.
	W 33.55 chs. high rolling bench land, sloping NE.
	Soil, poor sandy loam 4 to 8 in. deep with some gravel & stones, coarse texture, dry. gravel subsoil.
	No timber.
	May 9, 1911.
	May 10, 1911. At 7h 56m. a. m. l. m. t. I set off 38°23' N on the lat. arc; 17°27' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 16, 17, 20 & 21.
	Thence I run
	N 0° 01' W bet. secs. 16 & 17.
	Over rolling land sloping E.
1.00	Wash 6 ft. deep, 30 lks. wide drains E.
14.75	Wash 10 ft. deep, 60 lks. wide drains N 80° E.
35.75	Road, Milford to Ruby Hill bears N 80° E & S 80° W.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 17 on W half; S 16 on E half; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor.
	Pits impracticable.

Subdivision of part of T28S R11W

From this cor. cemetery bears N 30° E.
44.00 Wood road bears N 5° E & S 5° W.
46.00 Wash 6 ft. deep, 20 lks. wide drains S 80° E.
76.00 Wash 3 ft. deep 10 lks. wide drains E
79.90 Road Mieford to White Rocks bears E & W.
80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 8, 9, 16 & 17, marked on brass cap
T28S S8 in NW
R11W S9 in NE
S16 in SE
S17 in SW, quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor.
Pits impracticable.
From this cor. frame house bears
N 48° 45' W. Buildings near White Rock Mines.
Frame house bears N. 42° 08' W.
Frame house bears N. 42° 45' W.
Hoist at shaft bears N 40° 06' W.
Stable bears N 42° 55' W.
Cemetery bears S 37° 30' E.
Sand, gently rolling bench sloping E.
Soil, light poor sandy loam 4 to 6 in. deep with some gravel & stones, coarse texture, dry, gravel subsoil.
No timber.

East on random line bet. secs. 9 & 16.
40.00 Set temp. ¼ sec. cor.
80.22 Intersect N & S line 2.40 chs. S of cor. of secs. 9, 10, 15 & 16.
Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for closing cor. of secs. 9 & 16 marked on brass cap
T28S R11W on N half
CC S10 S15 on E half
S9 in NW
S16 in SW, quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor.
Pits impracticable.

Subdivision of Part of T28S R11W

I destroy all marks on cor. of secs. 9, 10, 15 & 16
that pertain to secs. 9 & 16.
Thence I run
West on true line bet. secs. 9 & 16.
Over gently rolling bench land sloping E.
36.25 Wood road bears N 40° W & S 40° E.
40.11 Set one iron post 3 ft. long, 1 in. diam. 26 in.
in ground for 1/4 sec. cor. marked on brass
cap "4 S9 on N half; S16 on S half; dig pits 18
x 18 x 12 in. E & W of post, 3 ft. dist; & raise a
mound of earth 3½ ft. base, 1½ ft. high N of cor.
70.10 Road Milford to White Rocks bears S 70° W
& N 70° E.
75.10 Wood road bears N & S.
78.00 Point of spur proj. SE.
79.00 Wash 6 ft. deep 20 lks. wide, drains S 50° E.
80.22 The cor. of secs. 8, 9, 16 & 17.
Land, gently rolling bench sloping E.
Soil, light poor sandy loam 4 to 10 in. deep
with some stones & gravel, coarse texture,
dry, on gravel subsoil.
No timber.

N 0° 01' W bet. secs. 8 & 9.
Over rolling mountainous land.
0.30 Wash 6 ft. deep 30 lks. wide drains S 50° E.
6.00 Point of limestone spur 100 ft. above cor.
proj. S 50° E.
7.95 Buildings near Harrington Mine.
Frame house bears N 27° 10' E.
Frame house bears N 18° 10' E.
Frame house bears N 12° 10' E.
Frame barn bears N 8° E.
Frame house bears N 4° 30' E.
Frame house bears N 7° 50' E.
Frame house bears N 9° 45' E.
Abandoned brick bears N 5° E.
W.S. M. M. No 1 bears N 23° 15' E 24.81
16.00 R.M. 13 Telephone line to Shauntie bears
S 5° 10' & N 5° E.

Subdivision of Part of T28S R11W

21.80	R.M.B Telephone line to Shauntie bears N5°E & S5°E.
26.45	Mouth of draw drains S40°W.
32.00	Dump from abandoned mine.
32.15	Telephone line bears N25°W & S25°E.
38.22	Buildings near Harrington Mine.
	Frame house bears S18°E.
	Frame house bears S22°E.
	Frame house bears S22°45'E.
	Frame barn bears S10°E.
	Frame house bears S10°35'E.
	Frame house bears S25°30'E.
	Frame house bears S63°E.
	Abandoned hoist bears N61°30'E.
	W.S.M.M. No 1 bears S52°40'E. (12.33 chs.
	Hoist at Harrington & Hickory shaft bears S81°45'E; said shaft is 570 ft. deep and is flooded with water.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S8 on W half; S9 on E half; raise a mound of stone 2 ft. base, 1/2 ft. high W of cor. Pits impracticable.
	May 10. 1911. At this cor. I set off 17°29' N on the decl. arc; and at 11h 56m a.m. l. m. t. observe the sun on the meridian, the resulting lat. is 38°24' N.
40.50	Spur 200 ft. above draw proj. S50°E.
46.00	Draw 210 ft. below spur drains S40°E.
51.00	Spur 225 ft. above draw proj. S45°E.
58.50	Draw 250 ft. below spur drains S50°E.
62.00	Spur 220 ft. above draw proj. S50°E
62.35	Hoist at Rebel Mine bears N61°05'E.
	Frame house bears N55°35'E.
	Engine house bears N45°E.
	Frame house bears S81°E.
71.25	Draw 100 ft. below spur drains S50°E.
75.55	Spur 110 ft. above draw proj. S50°E.
	Hoist at Rebel Mine bears S12°10'E.
	Frame house bears S19°20'E

Engine house bears S10° 30' E.
Frame house bears S22° E.
80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in in ground for cor. of secs. 4, 5, 8 & 9 marked on brass cap
T28S S5 in NW
R11W S4 in NE
S9 in SE
S8 in SW, quadrant; raise a mound of stone 2 ft. base 1½ ft. high, W of cor.
Pits impracticable.
Land, broken & hilly.
Ridges with light poor sandy loam, stony & gravelly; slopes stony; valleys, light poor sandy loam with stones & gravel; subsoil, gravel & stone.
No timber.

East on random line bet. secs. 4 & 9.
40.00 Set temp. ¼ sec. cor.
80.10 Intersect N & S line 3.17 chs. S of cor. of secs. 3, 4, 9 & 10.
Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for closing cor. of secs. 4 & 9 marked on brass cap
T28S R11W on N half
CC S3 S10 on E half
S4 in NW
S9 in SW, quadrant; dig pits 24x18x12 in crosswise on line, N & S 3 ft. and W of post 7 ft. dist; & raise a mound of earth 4 ft. base 2 ft. high, W of cor.
I destroy all marks on cor. of secs. 3, 4, 9 & 10 that pertain to secs. 4 & 9.
Thence I run
West on true line bet. secs. 4 & 9.
Over gently rolling bench land sloping E.
13.75 Wood road bears N 25° W & S 25° E.
37.60 Wood road bears N 30° E & S 30° W.
40.05 Set an iron post 3 ft. long, 1 in. diam. 26 in.

Subdivision of Part of T28S R11W

in ground for 1/4 sec. cor. marked on brass cap 1/4 S4 on N half; S9 on S half; raise a mound of stone 2 ft. base, 1½ ft. high N of cor. Pits impracticable.
Ascend; enter mountainous land bears N 40° E & S 40° W.
65.40 Spur 300 ft. above 1/4 sec. cor. proj. S 20° E.
71.30 Draw 125 ft. below spur drains S 40° E.
80.10 The cor. of secs. 4, 5, 8 & 9.
E 40.05 chs. high rolling bench land sloping E.
Soil, good brown clay loam, 6 to 14 in. deep, medium texture, dry, clay and gravel subsoil.
W 40.05 chs. hilly with light poor stony soil, gravel subsoil.
No timber.

May 10, 1911.

May 16, 1911. At 7h 56m a. m. l. m. t. I set off 38° 24' on the lat. arc; 18° 57' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 4, 5, 8 & 9.
Thence I run
N 0° 01' W on random line bet. secs. 4 & 5.
40.00 Set temp 1/4 sec. cor.
84.93 Intersect N. bdy. of Tp. 17 lks. W. of cor. of secs. 4, 5, 32 & 33, heretofore described.
Thence I run
S 0° 06' E on true line bet. secs. 4 & 5.
Over stony broken mountainous land.
9.45 Draw 70 ft. below cor. drains N 20° W, ascend
44.93 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S5 on W half; S4 on E half; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor. Pits impracticable.
50.00 Top of ridge 400 ft. above draw bears N 80° E & S 80° W, thence along E slope, through large boulders.

Subdivision of Part of T28S R11W.

67.95 Thence abrupt descent.
78.95 Head of draw 300 ft. below ridge drains S 35° E.
84.93 The cor. of secs. 4, 5, 8 & 9.
Land, broken mountainous
Ridges & slopes very stony
Valleys, light poor sandy loam; subsoil, gravel & stone.
No timber.

May 16, 1911.

May 5, 1911. At 3 h 27 m. p. m. l. m. t. I set off 38°21' on the lat. arc; 16°09' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 29, 30, 31 & 32.
Thence I run
South on random line bet. secs. 31 & 32.
40.00 Set temp 1/4 sec. cor.
80.95 Intersect S bdy. of Tp 1.03 chs. N. 89°57' E. of the cor. of secs. 5, 6, 31 & 32, heretofore described
Set an iron post 3 ft long, 2 in. diam. 24 in. in ground for closing cor. of secs. 31 & 32 marked on brass cap
T28S S31 in NW
R11W S32 in NE, quadrant
CC T29S R11W S5 S6 in S half; raise a mound of stone 2 ft. base, 1½ ft. high N of cor. Pits impracticable.
I destroy all marks on cor. of secs. 5, 6, 31, & 32 that pertain to secs. 31 & 32.
Thence I run
North on true line bet. secs. 31 & 32.
Over gently rolling land.
11.70 Wash 8 ft. deep 60 lks wide drains S 20° E.
39.45 Wood road bears N 50° E & S 50° W.
40.95 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S31 on W half; S32 on E half; raise a mound of stone 2 ft. base, 1½ ft. high W of cor. Pits impracticable.

Subdivision of Part of T28SR11W.

41.80 Pipe line bears N68°21'W & S68°21'E.
41.95 Telephone line bears N68°21'W & S68°21'E.
48.95 Leave rolling land; enter mountainous land.
56.90 Spur, proj. S45°W.
61.45 Head of draw drains S45°W.
75.95 Spur proj. S15°E.
80.95 The cor. of secs 29, 30, 31 & 32.
N 32.00 chs. broken & hilly.
Ridges & slopes washed & stony; valleys, poor light sandy loam, gravelly; subsoil, gravel & limestone.
S 48.95 chs. rolling bench land sloping S.E.
Soil, light poor sandy loam, 4 to 6 in. deep, medium texture, dry, gravel subsoil.
No timber.

May 5, 1911.

May 11, 1911. at 8 h 26 m. a. m. l. m. t. I set off 38°21' on the lat. arc; 17°43' N on the decl. arc; and determine a meridian with the solar at the cor. of secs. 29, 30, 31 & 32.
Thence I run
N 0°01' W bet. secs. 29 & 30.
Over broken mountainous land, ascend
3.00 Spur 75 ft. above cor. proj. S70°E.
9.50 Draw 125 ft. below spur drains S80°E.
17.00 Spur 150 ft. above draw proj. E.
22.45 Draw 120 ft. below spur drains E.
26.70 Spur 110 ft. above draw proj. E.
U.S.G.S. B.M. bears S86°50' W. 5.54 chs. dist. marked on brass cap 6544 elevation above sea
28.00 Enter scattering cedar bears E & W
29.00 Wood road bears E & W
40.00 Set an iron post 3 ft. long 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S30 on W half; S29 on E half; from which
A cedar tree 10 in. diam. bears
N 34° 30' E, 3.45 chs. dist. marked
1/4 S29 B J
A cedar tree, 6 in. diam. bears

Subdivision of Part of T28 S R11 W

N 74° 30' W, 1.21 chs. dist. marked
1/4 S 30 B J

44.00 Head of draw 75 ft. below spur drains S 80° E

45.00 Prospect hole 60 ft. deep.

61.00 Mouth of Capt. Jack Tunnel 40 lks. E.

70.00 Enter heavy cedar & pinion timber bears
N 60° E & S 60° W.

72.00 Top of ridge bears N 30° E & S 30° W.

80.00 Set a iron post 3 ft. long 2 in. diam. 24 in.
in ground for cor. of secs. 19, 20, 29 & 30,
marked on brass cap
T28 S S19 in NW
R11 W S20 in NE
S29 in SE
S30 in SW, quadrant; from which
in A cedar tree 6 in. diam. bears
N 28° 30' E, 67 lks. dist. marked
T28 S R11 W S20 B J
A cedar tree, 10 in. diam. bears
S 62° E, 24 lks. dist. marked
T28 S R11 W S29 B J
A cedar tree, 8 in. diam. bears
S 61° W, 33 lks. dist. marked
T28 S R11 W S30 B J
A cedar tree 9 in. diam. bears
N 16° W, 25 lks. dist. marked
T28 S R11 W S19 B J

Land, broken stony mountainous.
Ridges, with good clay loam, stony, washed
on slopes; valleys, good brown clay loam
with some gravel; clay & gravel subsoil.
Timber, cedar & pinion.

Back on random line bet. secs. 20 & 29.

40.00 Set temp 1/4 sec. cor.

80.08 Intersect N & S line 5 lks N of cor. of secs.
20, 21, 28 & 29.

May 11, 1911. At this cor. I set off 17° 45' N on the
decl. arc; and at 11 h 56 m. l. m. t. observe the
sun on the meridian, the resulting lat. is

Subdivision of Part of T 28 S R 11 W.

38°22' N.
Thence I run
N 89°58' W on true line bet secs 20 & 29.
Over broken, stony, mountainous land
descend.
20.00 Enter scattering cedar timber bears N 60° W & S 60° E
25.00 Draw 250 ft. below cor. drains S 40° E.
36.00 Point of spur 275 ft. above draw prog. N 70° E.
40.04 Set an iron post 3 ft. long, 1 in. diam. 26 in.
in ground for 1/4 sec. cor. marked on brass
cap "1/4 S 20 on N half; S 29 on S half; from which
A cedar tree, 8 in. diam. bears
N 8° E, 62 lks. dist. marked
1/4 S 20 B T
A cedar tree, 7 in. diam. bears
S 72° W, 93 lks. dist. marked
1/4 S 29 B T
43.00 Draw 100 ft. below spur drains N 60° E.
58.50 Ridge 110 ft. above draw bears S 70° W & N 70° E.
61.50 Head of draw 100 ft. below ridge drains N.
69.00 Spur 150 ft. above draw prog. N; enter heavy
cedar & pinion bears N & S.
80.08 The cor. of secs. 19, 20, 29 & 30.
Sand, broken & stony, mountainous.
Ridges & slopes, washed & stony; valleys,
light loam sandy loam with some gravel
and stones; gravel subsoil.
Timber, cedar & pinion.

May 11, 1911. At 2 h 26 m. p. m. l. m. t. I set off
38°22' on the lat. arc; 17°47' N on the decl. arc;
& determine a meridian with the solar
at the cor. of secs. 19, 20, 29 & 30.
Thence I run
West on true line bet. secs. 19 & 30.
Over rolling mountainous land through
thick cedar and pinion timber.
4.90 Road, Milford to Shauntie bears N 60° E & S 60° W.
18.00 Draw 200 ft. below cor. drains S.
24.00 Spur 175 ft. above draw prog. S 10° E

Subdivision of Part of T28S R11W.

28.75 Draw 150 ft. below spur drains S 20° E.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S19 on N half; S30 on S half; from which
A pinion tree, 12 in. diam. bears S23° E, 38 lks. dist. marked 1/4 S30 B J
A cedar tree, 6 in. diam. bears N 23° W, 17 lks. dist. marked 1/4 S19 B J. ✓
49.50 Wood road bears N & S
55.00 Spur 100 ft. above draw proj. S50° E; leave heavy: enter scattering cedar & pinion bears N & S.
60.10 Telephone line to Shauntie bears N17°15' E & S.17°15' W.
80.20 Intersect Guide Meridian or W bdy of Tp, 89 lks. N. of cor. of secs. 19, 24, 25 & 30 heretofore described. Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for closing cor. of secs. 19 & 30 marked on brass cap
T28S on N half
CC R12W S24 S25 on W half
S19 in NE
R11W S30 in SE, quadrant; from which
A cedar tree, 9 in. diam. bears N 83° E, 148 lks. dist. marked CC T28S R11W S19 B J
A cedar tree, 10 in. diam. bears S50° E, 99 lks. dist. marked CC T28S R11W S30 B J.
I destroy all marks on cor. of secs. 19, 24, 25 & 30 that pertain to secs. 19 & 30. ✓
Sand, rolling stony mountainous. Ridges, light poor sandy loam; slopes washed and stony; valleys, good brown sandy loam; subsoil, gravel & stone. Timber cedar & pinion.

May 11, 1911

Subdivision of Part of T28 S R11 W

May 12, 1911 At 8h 56m a.m. l.m.t. I set off 38°22' on the lat. arc; 17°59' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 19, 20, 29 & 30

Thence I run

N0°01' W bet. secs. 19 & 20.

Over rolling mountainous land through heavy cedar & pinion timber.

3.70 Road Milford to Shauntie bears S30°W & N30°E.

9.50 Ridge bears N80°W & S80°E; leave heavy; enter scattering timber bears E & W.

28.50 Draw 300 ft. below ridge drains N80°E.

40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S19 on W half; S20 on E half; from which

A cedar tree 10 in. diam. bears N13°E, 1.75 chs. dist. marked 1/4 S20 B.T.

A cedar tree, 8 in. diam. bears S44°W, 1.45 chs. dist. marked 1/4 S19 B.T.

47.00 Spur 325 ft. above draw prog. S25°W.

60.20 Head of draw 100 ft. below spur drains S10°W

Thence ascend along W slope

74.00 Thence descend along W slope.

80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs 17, 18, 19 & 20 marked on brass cap

T28 S S18 in NW

R11W S17 in NE

S20 in SE

S19 in SW, quadrant; from which

A pinion tree 14 in. diam. bears N59°30' E, 1.25 chs. dist. marked T28 S R11W S17 B.T.

A cedar tree 8 in. diam. bears S30°E, 1.43 chs. dist. marked T28 S R11W S20 B.T.

A cedar tree, 6 in. diam. bears S74°W, 1.36 chs. dist. marked

Subdivision of Part of T 28 S R 11 W.

T 28 S R 11 W S 19 B S
A cedar tree 8 in. diam. bears
N 81° 30' W, 1.40 chs. dist. marked
T 28 S R 11 W S 18 B S.
From this cor. U.S.M.M. No 2 bears N 42° 30' W.
Land, broken & rolling mountainous.
Ridges, light prairie stony, sandy soil, washed & stony on slopes; valleys, brown sandy loam; subsoil, gravel & limestone.
Timber, cedar & pinion.

S 89° 58' E on random line bet. secs. 17 & 20.
40.00 Set temp 1/4 sec. cor.
79.88 Intersect N & S line 9 lks. S of cor. of secs. 16, 17, 20 & 21.
Thence I run
S 89° 58' W on true line bet. secs. 17 & 20
Over rolling bench land sloping E.
4.90 Wood road bears N & S.
20.50 Foot of mountains, ascend; enter rolling mountainous land bears N & S.
36.00 Point of spur 100 ft. above foot of spur proj. N 80° E, thence along N slope.
39.94 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 17 on N half; S 20 on S half; raise a mound of stone 2 ft. base, 1½ ft. high N of cor. Pits impracticable.
May 12, 1911. At this cor. I set off 18° 00' N on the decl. arc; and at 11 h 56 m. m. t. observe the sun on the meridian the resulting lat. is 38° 23' N.
55.00 Enter scattering cedar bears N 45° E & S 45° W.
61.00 Draw 75 ft. below spur drains N 80° E; this draw heads S 45° W, thence abrupt ascent.
73.60 Top of limestone ridge 300 ft. above draw, known as "Ruby Hill" bears N & S.
75.10 Prospect Hole 15 ft. deep, 15 lks. S.
76.70 Location Monument of "Ruby Hill" 20 lks. S.
79.00 Mouth of "Ruby Hill" Tunnel 50 lks. S
79.88 The cor of secs. 17, 18, 19 & 20

Subdivision of Part of T 28 S R 11 W

This cor. is 400 ft. below ridge.
E 20.00 chs. high rolling bench land, E slope.
Soil, poor sandy loam, 3 to 8 in. deep, stony, coarse texture, dry, gravel subsoil.
W 59.38 chs. broken & hilly.
Ridges with light poor sandy loam, stony, washed on slopes; valleys, light poor sandy loam with some gravel, subsoil, gravel.
Timber, cedar.

May 12, 1911. At 1 h 56 m. p. m. l. m. t. I set off 38° 23' on the lat. arc; 18° 02' N on the decl. arc, and determine a meridian with the solar at the cor. of secs. 17, 18, 19 & 20.
Thence I run
West on true line bet. secs. 18 & 19.
Over broken mountainous land through scattering cedar & pinion timber, descend.

3.75 R. M. B. Telephone Line to Shauntie bears N 6° E & S 6° W.
4.25 Wood road bears N 10° E & S 10° W.
8.00 Draw 150 ft. below cor. drains N 10° E.
14.50 Spur 250 ft. above draw prof. S 20° E.
19.00 Head of draw 50 ft. below spur drains S 20° E, ascend.
22.00 Leave scattering cedar & pinion bears N 30° W & S 30° E.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 18 on N half; S 19 on S half; raise a mound of stone 2 ft. base, 1/2 ft. high, N of cor. Pits impracticable.
62.00 Enter scattering cedar & pinion timber bears N & S.
65.00 Ridge 650 ft. above draw bears N 10° E & S 10° W. descend.
75.00 Draw 200 ft. below ridge drains S 60° W.
80.13 Intersect Guide Meridian or W. bdy. of Tp. 1.03 chs. N of cor. of secs. 13, 18, 19 & 24 heretofore described,

Subdivision of Part of [illegible]

[illegible] 3 ft. long, 2 in. [illegible]
in ground for closing cor. of sec. 17 & 19
marked on brass cap.
[illegible] half
[illegible] half
[illegible]
[illegible] quadrant, from which
[illegible] bears
[illegible] marked
[illegible]
[illegible] bears
[illegible] marked
[illegible]
[illegible] cor. of sec. 13, 18, 19
[illegible] Cedar Extension
[illegible]
[illegible] 13, 18, 19 & 24 bears [illegible]
[illegible]
[illegible] cor. of sec. 13 & 24 [illegible] bears
[illegible]
[illegible] mountainous
[illegible] slopes, [illegible] & slopes, valley
[illegible] sandy loam, stone &
gravel [illegible]
[illegible] Cedar [illegible]

May 17, 1911.

[illegible]
[illegible]
[illegible] meridian with the
[illegible] cor. of sec. 17, 18, 19 & 20
[illegible]
[illegible] sec. 17 & 18
[illegible] mountainous land
[illegible] slopes, through scattering
[illegible] timber.
[illegible]
[illegible]
[illegible]

Subdivision of Part of T28S R11W

28.25 R. M. B Telephone line bears N 44° E & S 44° W.
28.40 Draw 100 ft. below spur drains E.
30.50 Wood road bears E & W.
34.75 Low spur 80 ft. above draw prof. S 70° E.
38.40 Draw 75 ft. below spur drains S 80° E.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S18 on W half; S17 on E half; from which
A cedar tree, 8 in. diam. bears
N 89° E, 60 lks. dist. marked
1/4 S17 B J
A cedar tree 10 in. diam. bears
West; 25 lks. dist. marked
1/4 S18 B J. ✓
60.00 Spur 250 ft. above draw ~~prof.~~ S 40° E.
68.25 Draw 150 ft. below spur drains S 60° E, thence ascend along W slope.
79.80 Bottom of small draw drains S 20° W.
80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 7, 8, 17, & 18 marked on brass cap,
T28S S7 in NW
R11W S8 in NE
S17 in SE
S18 in SW, quadrant; from which
A cedar tree, 10 in. diam. bears
N 63° 30' E, 70 lks. dist. marked
T28S R11W S8 B J
A cedar tree, 16 in. diam. bears
S 32° E, 61 lks. dist. marked
T28S R11W S17 B J
A cedar tree, 8 in. diam. bears
S 50° W, 20 lks. dist. marked
T28S R11W S18 B J
A pinion tree, 9 in. diam. bears
N 85° W, 5 lks. dist. marked
T28S R11W S7 B J
From this cor. W.S.M.M. No 2 bears S 47° 20' W.
Sand, broken stony mountainous.
Ridges & slopes with light poor sandy loam

Subdivision of Part of T28SR11W.

	valleys, light poor sandy loam with some gravel & stones; subsoil, gravel & stones. Timber, cedar & pinion.
	N 89°58' E on random line bet. secs. 8 & 17.
40.00	Set temp 1/4 sec. cor.
79.96	Intersect N & S line 3 lks. S of cor. of secs. 8, 9, 16 & 17. May 13, 1911. At this cor. I set off 18°15' N on the decl. arc; and at 11 h 56 m. a.m. l. m. t. observe the sun on the meridian, the resulting lat is 38°23' N.
	Thence I run
	S 89°57' W on true line bet. secs. 8 & 17.
	Over rolling bench land, ascend.
9.75	Frame house near White Rock Mine bears N 24°45' W.
	Frame house bears N 18° W.
	Hoist at shaft bears N 12°45' W.
	Frame house bears N 9°15' W.
	Stable bears N 16°40' E.
12.15	R. M. B. Telephone line to Shauntie bears S 47°50' W & N 47°50' E.
20.00	Enter scattering cedar timber bears N 20° W & S 20° E.
39.98	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 8 on N half; S 17 on S half; from which
	A cedar tree, 10 in. diam. bears S 39°45' W. 2.74 chs. dist. marked 1/4 S 17 B T
	A cedar tree, 12 in. diam. bears N 41°30' W, 2.39 chs. dist. marked 1/4 S 8 B T
48.00	Foot of mountains; begin abrupt ascent bears N & S.
66.25	Spur 310 ft. above foot of mountains proj. S 10° E.
71.70	Head of draw 100 ft. below spur drains S 10° E.
76.00	Spur 125 ft. above draw proj. S.
79.90	Draw 75 ft. below spur drains S 10° W.

Subdivision of Part of T28S R11W.

chains	
79.96	The cor. of secs. 7, 8, 17 & 18.
	E 48.00 chs. high rolling bench land, E slope.
	Soil, poor sandy loam 4 to 10 in. deep with
	some gravel & stones, coarse texture, dry,
	gravel subsoil.
	West 31.96 chs. broken & hilly.
	Ridges & slopes poor sandy loam with
	some gravel and very stony.
	Valleys, poor sandy loam, gravelly and
	stony; subsoil, gravel and stone.
	Timber, cedar & pinion.
	May 13, 1911. At 2 h 26 m. p. m. L. m. t. I set off
	38° 23' on the lat. arc; 18° 17' N on the decl.
	arc; & determine a meridian with the solar
	at the cor. of secs. 7, 8, 17 & 18.
	Thence I run
	West on true line bet. secs. 7 & 18.
	Over broken mountainous land through
	scattering cedar & pinion timber, ascend.
4.50	Ridge 150 ft. above cor. bears N 60° E & S 60° W.
8.00	Head of draw 75 ft. below ridge drains N.
20.00	Top of ridge 200 ft. above draw bears S 80° E
	& West, thence along top of ridge.
30.50	Leave ridge bears East & S 40° W, descend.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in.
	in ground for 1/4 sec. cor. marked on brass cap
	1/4 S 7 on N half; S 18 on S half; from which
	A pinion tree 10 in. diam. bears
	N 71° 30' E, 67 lks. dist. marked 1/4 S 7 B T
	A pinion tree 14 in. diam. bears
	S 11° E, 79 lks. dist. marked 1/4 S 18 B T
47.50	Draw 350 ft. below ridge drains N.
53.70	Spur 250 ft. above draw proj. N 30° W.
63.00	Draw 175 ft. below spur drains N 30° W.
70.50	Spur 150 ft. above draw proj. N 30° W.
80.19	Intersect Guide Meridian on W. bdy of
	Tp. 95 lks. N. of cor. of secs. 7, 12, 13 & 18
	heretofore described
	Set an iron post 3 ft. long 2 in. diam. 24 in.

Subdivision of Part of T28S R11W.

in ground for closing cor. of secs. 7 & 18
marked on brass cap
T28S on N half
CC R12W S12 S13 on W half
S 7 in NE
R11W S18 in SW, quadrant; from which
A cedar tree 10 in. diam. bears
N 37° E, 59 lks. dist. marked
CC T28S R11W S7 B T
A cedar tree 12 in. diam. bears
S 26° E, 26 lks. dist. marked
CC T28S R11W S18 B T.
I destroy marks on cor. set for secs. 7, 12, 13 & 18 that pertain to secs. 7 & 18.
Land, broken mountainous.
Ridges & slopes, light poor sandy loam very stony; valleys, light sandy loam with some gravel; subsoil, gravel & stone.
Timber, cedar & pinion.

May 13, 1911.

May 15, 1911. At 8h 56m. a.m. l.m.t. I set off 38°23' on the lat. arc; 18°43' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 7, 8, 17 & 18.
Thence I run
N 0°01' W bet. secs. 7 & 8.
Over stony mountainous land through scattering cedar & pinion timber, ascend.

10.00 Ridge 275 ft. above cor. bears N 70° E & S 70° W.
14.00 Draw 150 ft. below ridge drains N 70° W.
23.00 Spur 170 ft. above draw proj. N 60° W.
29.00 Draw 225 ft. below spur drains N 60° W.
33.20 Spur 100 ft. above draw proj. N 30° W.
40.00 Set an iron post 3 ft. long 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S7 on W. half; S8 on E half; from which
A cedar tree 12 in. diam. bears
N 84° E, 26 lks. dist. marked 1/4 S8 B T
A cedar tree 12 in. diam. bears

S76°W, 48 lks. dist. marked
1/4 S7 B J

40.15 Draw 200 ft. below spur drains N10°W
48.00 Spur 100 ft. above draw proj. W.
54.25 Draw 150 ft. below spur drains W.
66.50 Spur 300 ft. above draw proj. W.
80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 5, 6, 7 & 8 marked on brass cap
T28S S6 in NW
R11W S5 in NE
S8 in SE
S7 in SW, quadrant; from which
A cedar tree, 10 in. diam. bears
N24°E, 1.24 chs. dist. marked
T28S R11W S5 B J
A cedar tree 12 in. diam. bears
S11°E, 1.20 chs. dist. marked
T28S R11W S8 B J
A pinion 10 in. diam. bears
S75°30'W, 97 lks. dist. marked
T28S R11W S7 B J
A cedar tree, 6 in. diam. bears
N53°30'W, 41 lks. dist. marked
T28S R11W S6 B J

Land, broken stony mountainous. Ridges & slopes, poor stony gravelly sandy loam; valleys, light poor sandy loam with gravel & stones; subsoil, gravel. Timber, cedar & pinion.

N89°57'E on random line bet. secs. 5 & 8.
40.00 Set temp. 1/4 sec. cor.
80.04 Intersect N & S line 5 lks. S of cor. of secs. 4, 5, 8 & 9.
May 15, 1911. At this cor. I set off 18°45' N on the decl. arc; and at 11h 56m. a.m. l.m.t. observe the sun on the meridian, the resulting lat. is 38°24' N.
Thence I run
S89°55'W on true line bet. secs. 5 & 8.

Over stony broken mountainous land, ascend.

12.00 Ridge 300 ft. above cor. bears N25°E & S25°W.

21.90 R. M. B. Telephone line to Shauntie bears N24° W & S24°E.

22.65 Draw 75 ft. below ridge drains N20°W.

31.00 Spur 100 ft. above draw proj. N10°E.

38.25 Draw 70 ft. below spur, drains N10°E; with scattering cedar & pinion bears N40°E & S40°W.

40.02 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S5 on N half; S8 on S half; from which

A cedar tree 8 in. diam. bears N58°E, 74 lks. dist. marked 1/4 S5 B J

A cedar tree, 10 in. diam. bears S76°30'E, 1.65 chs. dist. marked 1/4 S8 B J

44.00 Spur 150 ft. above draw proj. N10°E.

52.00 Draw 200 ft. below spur drains N15°E.

60.00 Spur 250 ft. above draw proj. N20°E.

64.50 Draw 150 ft. below spur drains N20°E.

73.00 Top of spur 300 ft. above draw proj. N10°E.

80.04 The cor. of secs. 5, 6, 7 & 8.

This cor. is 200 ft. below spur.

Land, broken stony mountainous.

Ridges & slopes, light poor sandy soil mixed with gravel & stone; valleys, poor sandy loam with some gravel and stones; subsoil, gravel.

Timber, cedar & pinion.

May 15, 1911. At 2h 56m. p. m. l. m. t. I set off 38°24' on the lat. arc; 18°47' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 5, 6, 7 & 8.

Thence I run

West on true line bet. secs. 6 & 7.

Over broken mountainous land through cedar & pinion timber, descend.

Subdivision of Part of T 28 S R 11 W.

17.00 Leave mountainous land; enter rolling land 300 ft. below cor. bears N & S.
26.50 Wash 6 ft. deep 30 lks. wide drains N; leave cedar & pinion timber bears N & S
32.90 Wood road bears N 40° E & S 40° W.
34.50 Wash 10 ft. deep 1.00 ch. wide drains N 40° E.
35.45 Wood road bears N & S.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 6 on N half; S 7 on S half; raise a mound of stone 2 ft. base, 1 1/2 ft. high N of cor. Pits impracticable.
40.40 Wash 10 ft. deep 4.00 chs. wide drains N.
53.25 Wash 7 ft. deep 50 lks. wide drains N.
65.00 Enter scattering cedar timber bears N & S.
72.00 Road, Milford to Shauntie bears N 10° E & S 10° W.
79.40 Wash 6 ft. deep, 20 lks. wide, drains N 10° E.
80.16 Intersect Guide Meridian on W bdy. of Tp. 1.10 chs. N of cor. of secs. 1, 6, 7 & 12, heretofore described.
Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for closing cor. of secs. 6 & 7, marked on brass cap
T 28 S on N half
C C R 12 W S 1 S 12 on W half
S 6 in NE
R 11 W S 7 in SE, quadrant; from which
A cedar tree, 12 in. diam. bears
N 79° E, 74 lks. dist. marked
C C T 28 S R 11 W S 6 B T
A cedar tree 11 in. diam. bears
S 78° E, 67 lks. dist. marked
C C T 28 S R 11 W S 7 B T.
I destroy all marks on cor. of secs. 1, 6, 7 & 12 that pertain to secs. 6 & 7.
E 17.00 chs, mountainous land, W slope, washed & stony.
W 6 3.16 chs. high rolling bench land N slope. Soil, light poor sandy loam 4 to 6 in. deep mixed with stones & gravel; subsoil, gravel & limestone.

Subdivision of Part of T 28 S R 11 W.

Timber, cedar & pinion

May 15, 1911.

May 16, 1911. At 9h 56m. a. m. l. m. t. I set off 38° 24' on the lat. arc; 18° 58' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 5, 6, 7 & 8.
Thence I run
N 0° 01' W on random line bet. secs. 5 & 6.
40.00 Set temp. 1/4 sec. cor.
85.00 Intersect N. bdy. of Tp. at cor. of secs. 5, 6, 31 & 32 heretofore described. Thence I run
S 0° 01' E on true line bet. secs. 5 & 6.
Over gently rolling bench land, N.E. slope.
6.55 Wash 6 ft. deep 30 lks. wide drains N 40° E.
15.80 Wash 7 ft. deep 25 lks. wide drains N 45° E.
35.60 Road, Milford to Shauntie bears N 55° E & S 55° W.
37.60 Wash 8 ft. deep 70 lks. wide drains N 70° E.
39.00 Enter scattering cedar & pinion timber bears E & W.
45.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 6 on W half; S 5 on E half; from which
A cedar tree, 12 in. diam. bears
S 88° E, 2.75 chs. dist. marked
1/4 S 5 B J
A cedar tree, 8 in. diam. bears
N 68° W, 1.95 chs. dist. marked
1/4 S 6 B J
From this cor. hoist at abandoned mine bears S 34° 30' W.
65.00 Leave rolling; enter mountainous land ascend.
79.00 Hoist at abandoned mine bears N 34° W.
85.00 The cor. of secs. 5, 6, 7 & 8.
This cor. is 300 ft. above bench.
N 65.00 chs. high rolling bench land sloping N E.
Soil: light poor sandy loam 4 to 6 in. deep, coarse texture, dry, gravel subsoil

Subdivision of Part of T28S R11W

S 20.00 chs. broken & hilly.
Ridges & slopes, washed & stony.
Timber, scrubby cedar & pinion.
May 16, 1911.

General Description.

This fractional township contains bench and mountainous land.

The soil is generally poor sandy loam mixed with some gravel & stones. There is good clay loam in part of secs. 9, 15, & 16 on which a sparse growth of white sage grows.

There is a scattering growth of small sagebrush on portions of this fractional township.

There is scrubby cedar and pinion timber growing on the mountains in this fractional township.

There is one granite stone quarry in sec. 27 which affords excellent building stone & from surface indications there are large quantities of granite and limestone which underlie other portions of this fractional township.

The following minerals iron, lead, copper & silver are found in S½ sec. 5, SE¼ of sec. 6, secs. 7 & 8, W½ sec. 9, SW¼ of SW¼ of sec 15, SE¼ of sec. 16, W½ & SE¼ sec. 17, secs. 18, 19, 20 & 21, N½ sec. 28, secs. 29 & 30 and W½ sec 31.

Part of the Star and North Star Mining District is found in this fractional township.

There are three mines known as the Harrington, Hickory, Rebel & White Rock working at the present time.

The only known water in this frac-

General Description.

tional township is in the Harrington Hickory Mine was struck near the 500 ft. level. This water is said to contain 1% arsenic.

A pipe line from Martin Bros. pumps crosses sec. 30, 31, 32 & 33, which supplies the Red Warrior, Moscow, The Hub and other mines in the Star District.

There is a very small portion of this fractional township that could be used for dry farming.

John W. Dougall
U. S. Transitman.

Latitudes & Departures

Line designated	True bearing	Distance	Latitudes N	Latitudes S	Departures E	Departures W
		chs.	chs.	chs.	chs.	chs.
S bdy sec. 33	N89°35'W	40.44	.29			40.44
S bdy sec. 33	S89°50'W	40.56		.12		40.56
S bdy sec. 32	S89°57'W	80.12		.07		80.12
S bdy sec. 31	West	79.10				79.10
Guide Meridian	North.	485.84	485.84			
N. bdy secs. 4, 5 & 6	East.	240.07			240.07	
E. bdy sec. 4 & 9	South.	162.36		162.36		
N. bdy sec. 15	N89°47'E	81.00	.31		81.00	
E. bdy sec. 15	S0°03'E	80.70		80.70	.07	
E. bdy sec. 22	S0°14'W	81.00		81.00		.33
E. bdy sec. 27	S0°08'W	40.37		40.37		.09
E. bdy sec. 27	S0°13'W	40.38		40.38		.15
S. bdy sec. 27	West	80.55				80.55
E. bdy sec. 33	S0°02'E	81.11		81.11	.05	
Convergency.					.28	
			486.44	486.11	321.47	321.34
			486.11		321.34	
		Error in lat	.33		.13	Error in Dept.

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by John W. Dougall, United States ~~Deputy Surveyor~~ Transitman, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of Township No. 28 South, Range No. 11 West S.L.B.& M., Utah, showing the respective capacities in which they acted:

William B. Clark, *Chainman.*
Willis Whitmore, *Chainman.*
Ernest Harmer, *Moundman.*
, *Moundman.*
, *Axman.*
, *Axman.*
Ralph A. Groesbeck, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted John W. Dougall, United States ~~Deputy Surveyor~~ Transitman, in surveying all those parts or portions of the subdivision with retracement of part of South and resurvey of part of North Bdy. of Township 28 South, Range 11 West of the Salt Lake Base and meridian, ~~in the state~~ of Utah, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah

William B. Clark, *Chainman.*
Willis Whitmore, *Chainman.*
Ernest Harmer, *Moundman.*
, *Moundman.*
, *Axman.*
, *Axman.*
Ralph A. Groesbeck, *Flagman.*

Subscribed and sworn to before me this 17th day of May, 1911

SEAL

John W. Dougall
U. S. Transitman

6—161

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, John W. Dougall, United States ~~Deputy Surveyor~~ Transitman, solemnly swear that, in pursuance of a contract received from Thomas Hull United States Surveyor General for Utah, bearing date of t 6th day of August, 19 10 I have well, faithfully, and truly, in my ov proper person, and in strict conformity with the instructions furnished by the United States Survey General for Utah, the Manual of Surveying Instructions, and the laws of t United States, surveyed all those parts or portions of the subdivisional lines with re tracement of part of South, and resurvey of part of North boundari of Township No.28 South, Range No.11 West

of the Salt Lake Base and meridian, in the State of Utah, which are represented in t foregoing field notes as having been surveyed by me, and under my direction; and I do further solemn swear that all the corners of said survey have been established and perpetuated in strict accordance wi the Manual of Surveying Instructions, and the special written instructions of the United States Survey General for Utah and in the specific manner described in the field notes, and th the foregoing are the original field notes of such survey.

John W. Dougall
~~United States Deputy Surveyo~~
United States Transitman

Subscribed by said John W. Dougall, and sworn to before ~~me~~ this 17 day of April, 1912.

Thomas Hull
U.S. Surveyor-General
for Utah.

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Sept. 16, 1913.

The foregoing field notes of the survey of the subdivisional lines with retrace ment of part of the South, and resurvey of part of North boundari of Township No.28 South, Range No. 11 West of the Salt Lake Base a Meridian, Utah,

executed by John W. Dougall under his ~~contract No.~~ special instructions, dated August 6, 19 10 having bee critically examined, and the necessary corrections and explanations made, the said field notes, and th surveys they describe, are hereby approved.

Thomas Hull
United States Surveyor Genera

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

United States Surveyor Genera

8—151

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4—679.

BOOK A-382

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FIELD NOTES

K.J.B.

OF THE Re SURVEY OF THE

Guide Meridian

through

Townships No. 26, 27 and 28 South

Between Ranges Nos. 11 & 12 West.

Of the Salt Lake Base and Meridian,

Utah

AS SURVEYED BY

John W Dougall, United States ~~Deputy Surveyor~~ Transitman,

Under his ~~Contract~~ Assignment Group No. 5, dated Aug. 6, 1910, 19

Re Survey commenced April 27, 1911, 19

Re Survey completed June 8, 1911, 19

6—161

Bs. T.28 S. 60000
T.27 S. 60000
T.26 S. 61447
172

BOOK A-382

NAMES AND DUTIES OF ASSISTANTS.

Ralph A Groesbeck	chainman
Ernest Harmer	chainman
William B. Clark	chainman
Willis Whitmore	chainman
Lonzo Safford	flagman

BOOK A-382

INDEX DIAGRAM.

Township 27 South, Range 11 West

26 South

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

Meanders Page

6—151

PRELIMINARY OATHS OF ASSISTANTS.

Ralph A. Groesbeck — William B. Clark

WE, Ernest Harmer and Willis Whitmore

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will level chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the same; t we will report the true distances to all notable objects, and the true lengths of all lines that we assis measuring, to the best of our skill and ability, and in accordance with instructions given us, in the x survey Guide Meridian through Tps. 26-27 & 28 S Bt. Ranges 11 & 12 West S.L.B. & M. U

Ralph A. Groesbeck William B. Clark, Chainm

Ernest Harmer Willis Whitmore, Chainm

Subscribed and sworn to before me this 26th day of April, 1911

SEAL

John W. Dougall
U.S. Transitman

WE, ... and .....

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

.....

....., Moundm

....., Moundm

Subscribed and sworn to before me this ..... day of ....., 19

SEAL

WE, ... and .....

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

.....

....., Axm

....., Axm

Subscribed and sworn to before me this ..... day of ....., 19

SEAL

I, Lonzo Safford, do solemnly swear that I will well and tr perform the duties of flagman according to instructions given me, to the best of my skill and ability, in t x survey of the Guide Meridian through Tps. 26, 27 & 28 South Ranges 11 & 12 West S.L.B. & M. Wah.

Lonzo Safford, Flagm

Subscribed and sworn to before me this 26th day of April, 1911

SEAL

John W. Dougall
U.S. Transitman

6—151

Resurvey of Guide Meridian through T28S.

Survey commenced Apr 27, 1911 & executed with a W & L. E. Gurley light mountain transit, no number, with solar attachment.
For full description of instrument see Book A.
Knowing my instrument is in perfect adjustment from recent observations on Polaris.
I begin at the cor. of Tps. 28 & 29 S, R 11 & 12 W, heretofore described.
This cor. is so situated on a stony ridge that it is impossible to get a Polaris observation & mark the meridian on the ground.
Apr. 27, 1911. At 9 h 58 m. a. m. l. m. t. I set off 38°20' on the lat. arc; 13°39' N on the decl. arc; & determine a meridian with the solar at this cor.
Thence I run
North on blank line on W bdy. of sec. 31.
At 40.00 chs. find no trace of 1/4 sec. cor: at 90.79 chs. W. C. to secs. 25, 30, 31 & 36, which is a limestone 8 x 7 x 6 in. above ground badly crumbled, (I destroy all traces of the old cor.) bears W 1.08 chs. dist; therefore I continue my line north & find no part of this Guide Meridian in alinement; and that many of the corners are nearly obliterated.
At 6 miles 8.33 chs. the cor. of Tps. 27 & 28 S Rs. 11 & 12 W, which is a brachyte 12 x 12 x 10 in above ground firmly set marked and witnessed as described by the Surveyor General, bears W 3.22 chs. dist; and as these townships have not been subdivided I resurvey this Guide Meridian as follows
May 1, 1911. At 1 h 59 m. p. m. l. m. t. I set off 38°20' on the lat. arc; 14°57' N on the decl. arc, & determine a meridian with the solar at the cor. of Tps. 28 & 29 S, Rs. 11 & 12 W.
Thence I run
North bet. secs. 31 & 36.
Over broken mountainous land, descend along steep W slope.
2.00 Enter slide rock bears E & W.

36.00 Leave slide rock bears E & W.
37.00 Enter scattering cedar timber bears S60° W & N 60° E.
Difference bet. measurements of 40.00 chs by two sets of chainmen is 16 lks: position of middle point
By 1st set 40.08 chs
By 2nd set 39.92 chs: the mean of which is
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in in ground for 1/4 sec. cor. marked on brass cap 1/4 S 36 on W half; S 31 on E half; from which
A cedar tree 10 in. diam. bears
N 6° 30' E, 1.62 chs. dist. marked
1/4 S 31 B T
A cedar tree 10 in. diam. bears
S 65° W, 32 lks. dist. marked
1/4 S 36 B T
From this cor. U. S. M. M. No. 3 on Picacho Peak bears N 40° 25' W.
40.70 Small draw on W slope 200 ft. below Tp. cor. thence ascend along W slope.
43.00 Leave scattering cedar bears N 60° W & S 60° E.
44.00 Enter slide rock bears N 80° W & S 80° E.
77.00 Leave same bears E & W
78.00 Top of ridge 300 ft. above 1/4 sec. cor. bears S 80° E & N 80° W.
78.50 Enter scattering cedar & pinion bears E & W.
Difference bet. measurements of 80.00 chs by two sets of chainmen is 20 lks. position of middle point
By 1st set 79.90 chs
By 2nd set 80.10 chs: the mean of which is
80.00 Set an iron post 3 ft. long, 3 in. diam. 24 in in ground for cor of secs. 25, 30, 31 & 36 marked on brass cap
T 28 S on N half
R 12 W S 25 in NW
R 11 W S 30 in NE
S 31 in SE
S 36 in SW, quadrant; from which

Resurvey of Guide Meridian through T28S.

A cedar tree, 6 in. diam. bears
N52°E, 60 lks. dist. marked
T28S R11W S30 B J
A cedar tree, 8 in. diam. bears
S41°E, 1.10 chs. dist. marked
T28S R11W S31 B J.
A cedar tree 6 in. diam. bears
S32°W, 28 lks. dist. marked
T28S R12W S36 B J
A pinion tree, 8 in. diam. bears
N15°W, 57 lks. dist. marked
T28S R12W S25 B J
This cor. is 100 ft. below top of ridge.
From this cor. W.S.M.M. No 3 bears N87°30'W
Land, high stony broken mountainous.
Practically no soil.
Timber, scattering cedar & pinion.
May 1, 1911.

May 2, 1911. At 8h 57m. a.m. l.m.t. I set off 38°21' on the lat. arc; 15°11' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 25, 30, 31 & 36.
Thence I run
North bet. secs. 25 & 30.
Over broken mountainous land, through scattering cedar & pinion timber, descend.

6.00 Abandoned tunnel 60 lks. W.
6.25 Miners cabin 50 lks. W.
10.95 Draw 350 ft. below cor. drains N60°E.
13.20 Point of spur 100 ft. high proj. E.
15.00 Draw 150 ft. below spur drains E, ascend.
15.90 Pipe line bears N65°30'W & S65°30'E.
16.45 Telephone line, mines to Pump station bears N65°30'W & S65°30'E.
26.50 Spur 400 ft. above draw proj. N30°E, descend

Difference bet. measurement of 40.00 chs. by two sets of chainmen is 18 lks; position of middle point
By 1st set 39.91 chs.

Resurvey of Guide Meridian through T 28 S.

By 2nd set 40.09 chs; the mean of which is
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 25 on W half; S 30 on E half; from which
A pinion tree, 10 in. diam. bears N 45° 30' E, 92 lks. dist. marked 1/4 S 30 B J
A cedar tree, 14 in. diam. bears N 85° W, 14 lks. dist. marked 1/4 S 25 B J
45.50 Draw 250 ft. below spur drains N 10° E.
46.95 Road, Milford to Red Warrior Mine comes from W, goes N 10° E.
47.20 Wash from W, thence N 10° E.
64.00 Spur 100 ft. above draw proj. E.
79.90 Road, in Elephant Canyon, to Shauntie bears N 80° W & S 80° E
79.95 R. M. B. Telephone line, Milford to Shauntie bears E & W.
Difference bet. measurements of 80.00 chs. by two sets of chainmen is 12 lks.; position of middle point
By 1st set 79.94 chs.
By 2nd set 80.06 chs; the mean of which is
80.00 Set an iron post 3 ft. long, 3 in. diam. 24 in. in ground for cor. of secs. 19, 24, 25 & 30 marked on brass cap
T 28 S in N half
R 12 W S 24 in NW
R 11 W S 19 in NE
S 30 in SE
S 25 in SW, quadrant; from which
A cedar tree, 6 in. diam. bears N 80° E, 1.00 ch. dist. marked T 28 S R 11 W S 19 B J
A cedar tree, 8 in. diam. bears S 60° E. 2.10 chs. dist. marked T 28 S. R 11 W S 30 B J
A cedar tree, 5 in. diam. bears S 80° 30' W, 1.88 chs. dist. marked T 28 S R 12 W S 25 B J

Resurvey of Guide Meridian Through T 28 S.

chains

A cedar tree 10 in. diam. bears N 48° W. 143 chs. dist. marked T 28 S R 12 W S 24 B T

Land, broken mountainous.

Light poor stony & sandy soil on ridges; washed on slopes; valleys, stony & gravelly subsoil, clay gravel & limestone.

Timber, scrubby cedar & pinion, scattering.

May 2, 1911. At this cor. I set off 15° 13' N on the decl. arc; & at 11 h 57 m. a. m. l. m. t. observe the sun on the meridian the resulting lat. is 38° 22' N.

North bet. secs. 19 & 24.

Over broken mountainous land; through scattering cedar & pinion timber.

0.25 Wash in bottom of Elephant Canyon drains S 60° E.

14.00 Spur 250 ft. above Elephant Canyon prof. S 20° W.

16.00 Draw 100 ft. below spur, drains S 20° W.

37.00 Spur 350 ft. above draw prof. S 80° W.

Difference bet. measurement of 40.00 chs. by two sets of chainmen is 22 lks. position of middle point

By 1st set 39.89 chs.

By 2nd set 40.11 chs; the mean of which is

40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 24 on W half; S 19 on E half; from which

A cedar tree 6 in. diam. bears S 57° E, 38 lks. dist. marked 1/4 S 19 B T

A cedar tree 8 in. diam bears N 5° W, 10 lks. dist. marked 1/4 S 24 B T

May 2, 1911. At 1 h 57 m. p. m. l. m. t. I set off 38° 23' on the lat. arc; 15° 15' N on the decl. arc; & determine a meridian with the solar at the 1/4 sec. cor. bet. secs. 19 & 24.

43.40 Head of draw 200 ft. below spur drains W.

50.00 Low spur 100 ft. high prof. W.

57.00 Draw 150 ft. deep drains S 30° W

75.65 The old cor. of secs. 13, 18, 19 & 24 which is a charred cedar post 3 ft. long, 4 ins. square, extending 12 ins

above ground, firmly set & mkd. & witnessed as described by the Surveyor General. As instructed in letter from U.S. Surveyor General I destroy all marks on this old cor. but leave it standing for the reason that mineral claims are tied to it. Post No 1 of Silver Bug Claim of Survey N 5666 bears W. 60 lks. dist.
Hoist at shaft of Cedar Extension bears N 64°50' E 3.34 chs. dist. This mine is not working at present time.
Difference bet. measurements of 80.00 chs. by two sets of chainmen is 14 lks; position of middle point
By 1st set 79.93 chs.
By 2nd set 80.07 chs; the mean of which is
80.00 Set an iron post 3 ft. long, 3 ins. diam. 24 in. in ground for cor. of secs. 13, 18, 19 & 24 marked on brass cap T28S on N half
R12W S13 in NW
R11W S18 in NE
S19 in SE and
S24 in SW. quadrant; from which
A pinon tree 6 in. diam. bears S44°30' W 76 lks. dist. marked T28S R12W S24 B.T.
A cedar tree 10 in. diam. bears N51° W 1.47 chs. dist. marked T28S R12W S13 B.T.
No other bearing trees within limits; raise a mound of stone 2 ft. base 1½ ft. high W of cor.
Pits impracticable
The old cor. of secs. 13, 18, 19 & 24 above described bears S 28°13' W, 1.39 chs. dist.
Land; broken, stony, mountainous.
Ridges, clay loam, very stony; slopes, washed & stony; valleys, good brown clay loam, mixed with some gravel & stones; subsoil, gravel & limestone bedrock.
Timber, scrubby cedar & pinion.

May 2, 1911

May 3, 1911: At 9h 57m. a.m. l.m.t. I set off 38°22' on the lat. arc; 15°30' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 13, 18, 19 & 24.

Resurvey of Guide Meridian through T 28 S.

Chains	Thence I run
	North bet. secs. 13 & 18.
	Over stony mountainous land through scattering cedar & pinion timber, ascend.
2.75	U. S. M. M. No 4 bears S 56° 47' W.
11.00	Spur 400 ft. above cor. prog. W.
	Smokestack at Cedar Talisman mine bears N 57° 50' W.
19.00	Draw 250 ft. below spur drains W.
26.60	Spur 175 ft. above draw prog. W; leave cedar timber bears N 40° E & S 40° W.
	Smokestack at Cedar Talisman bears S 64° 45' W.
37.60	Draw 110 ft. below spur drains S 80° W.
	Difference bet. measurements of 40.00 chs. by two sets of chainmen is 10 lks.: position of middle point
	By 1st set 39.95 chs.
	By 2nd set 40.05 chs: the mean of which is
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 13 on W half; S 18 on E half; from which
	A cedar tree 8 in. diam. bears
	S 84° E, 2.50 chs. dist. marked
	1/4 S 18 B T
	Raise a mound of stone 2 ft. base, 1 1/2 ft. high
	W of cor. Pits impracticable.
41.10	U. S. M. M. No 4 bears S 42° 38' W.
47.50	Spur 225 ft. above draw prog. S 80° W: enter scattering cedar bears E & W.
50.00	Head of draw 100 ft. below spur drains N 70° W.
54.40	Spur 150 ft. above draw prog. N 60° W.
62.00	Draw 300 ft. below spur drains N 40° W.
71.00	Spur 150 ft. above draw prog. N 40° W.
	Difference bet. measurements of 80.00 chs. by two sets of chainmen is 20 lks: position of middle point
	By 1st set 79.90 chs.
	By 2nd set 80.10 chs: the mean of which is
80.00	Set an iron post 3 ft. long, 3 in. diam. 24 in. in ground for cor. of secs. 7, 12, 13 & 18 marked on brass cap

Resurvey of Guide Meridian through T28 S.

T28 S on N half
R12 W S12 in NW
R11 W S7 in NE
S18 in SE
S13 in SW, quadrant; from which
A pinion tree 8 in. diam. bears
S8°W, 62 lks. dist. marked
T28 S R12 W S13 B T
A pinion tree 8 in. diam. bears
N67°W, 60 lks. dist. marked
T28 S R12 W S12 B T
No other trees in limits; raise a mound of stone 2 ft. base 1½ ft. high W of cor. Pits impracticable.
Land, mountainous.
Soil on ridges & slopes, light clay loam, very stony; valleys, gravelly soil, stony, subsoil, gravel & stones.
Timber, cedar & pinion.
May 3, 1911. At this cor. I set off 15°31' N on the decl. arc; & at 11 h 57' a.m. l. m. t. observe the sun on the meridian, the resulting lat. is 38°23' N.

North bet. secs. 7 & 12.
Over rolling stony mountainous land through scattering cedar & pinion timber, descend.
15.00 Draw 110 ft. below cor. drains N70°W, ascend.
20.50 Begin descent along steep W slope.
22.00 Leave cedar & pinion timber bears N80°W & S80°E.
24.00 Enter sliderock bears E & W.
29.00 Leave same E & W.
38.00 Enter scattering cedar timber bears E & W.
Difference bet. measurement of 40.00 chs. by two sets of chainmen is 14 lks.; position of middle point
By 1st set 39.93 chs.
By 2nd set 40.07 chs.; the mean of which is
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brasscap ¼ S12 on W half; S7 on E half; from which

Survey of Guide Meridian through T28S.

	A cedar tree 10 in. diam. bears
	N58°E, 18 lks. dist. marked 1/4 S7 B T
	A cedar tree 8 in. diam. bears
	N5°W, 33 lks. dist. marked 1/4 S12 B T
41.00	Point of spur proj N45°W.
67.75	Draw 200 ft. below spur drains N20°E.
74.00	Low spur 50 ft. above draw.
76.50	Road Milford to Shauntie bears N40°E & S40°W.
	Difference bet. measurements of 80.00 chs. by two sets of chainmen is 14 lks. position of middle point
	By 1st set 79.93 chs.
	By 2nd set 80.07 chs: the mean of which is
80.00	Set an iron post 3 ft. long, 3 in. diam. 24 in. in ground for cor. of secs. 1, 6, 7 & 12 marked on brass cap
	T28S on N half
	R12W S1 in NW
	R11W S6 in NE
	S7 in SE
	S12 in SW, quadrant; from which
	A cedar tree 10 in. diam. bears
	S20°30'W, 2.54 chs. dist. marked
	T28S R12W S12 B T
	A cedar tree 8 in. diam. bears
	N89°W, 11 lks. dist. marked
	T28S R12W S1 B T
	No other trees in limits: raise a mound of stone 2 ft. base, 1½ ft. high, W of cor. Pits impracticable
	S67.00 chs. broken & hilly.
	Ridges & slopes, light poor sandy loam, stony valleys, gravelly & stony; subsoil, gravel.
	N13.00 chs. high rolling benchland NE slope
	Soil, clay loam, stony, 4 to 8 in. deep, medium texture, dry, gravel subsoil.
	Timber, cedar & pinion.
	North bet. secs. 1 & 6
	Over high rolling stony benchland through scattering cedar timber.

Resurvey of Guide Meridian through T28S.

10.50 Wood road bears E & W.

34.00 Wash 6 ft. deep 30 lks wide drains N10° E.

Difference bet. measurement of 40.00 chs. by two sets of chainmen is 6 lks: position of middle point

By 1st set 39.97 chs.

By 2nd set 40.03 chs: the mean of which is

40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S1 on W half; S6 on E half; from which

A cedar tree 6 in. diam. bears S72°30' E, 85 lks. dist. marked 1/4 S6 B.T.

A cedar tree 7 in. diam. bears N24° W, 1.50 chs. dist. marked 1/4 S1 B.T.

48.00 Wash in swale drains N30° E.

56.00 Leave scattering cedar bears N60° W & S60° E.

67.75 Wash in swale drains N30° E.

Difference bet. measurement of 80.00 chs. by two sets of chainmen is 8 lks: position of middle point

By 1st set 80.04 chs

By 2nd set 79.96 chs: the mean of which is

80.00 Set an iron post 3 ft. long, 3 in. diam. 24 in. in ground for cor. of Tps. 27 & 28 S, Rs 11 & 12 W marked on brass cap

T27S on N half

T28S on S half

R12W S36 in NW

R11W S31 in NE

R11W S6 in SE

R12W S1 in SW. quadrant; dig pits 24 x 24 x 12 in. on line N, E & W 4 ft. & S of post 8 ft. dist; & raise a mound of earth 5 ft. base 2½ ft. high S of cor.

Note: I destroy old cor. of Tps. 27 & 28 S, Rs 11 & 12 W before described.

Land, high rolling bench.

Soil, sandy loam, stony, 8 to 16 in. deep, coarse texture, dry, gravel subsoil.

Timber, scattering cedar.

May 3, 1911.

Resurvey of Guide Meridian through T27S.

Chains

Survey commenced May 19, 1911 & executed with a W & L. E. Gurley light mountain transit, no number, with solar attachment.

I begin at the cor. of Tps. 27 & 28 S R 11 & 12 W, which I established May 3, 1911. Latitude 38°25'N, longitude 115°06'30"W.

At this cor. at 5h 47.4m a. m. l. m. t. I observe Polaris at eastern elongation in accordance with instructions in the manual and mark the point in the line thus determined by a tack driven in a wooden hub set in the ground 5.00 chs. N of my station.

After daylight I lay off the azimuth of Polaris 1°29' to the West and mark the meridian thus determined by a tack in a wooden hub firmly driven in the ground West of the point established this a. m.

From this cor. I run

North bet. secs. 31 & 36.

Descend gently over rolling bench land N.E. slope.

11.50 Wash 5 ft. deep 12 lks. wide drains N 60° E.

24.85 Wood road bears N 70° E & S 70° W.

Dif. bet. measurements of 40.00 chs. by two sets of chainmen is 10 lks: position of middle point

By 1st set 40.05 chs.

By 2nd set 39.95 chs: the mean of which is

40.00 Set an iron post 3 ft. long 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap, 1/4 S 36 on W half; S 31 on E half; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor.

Pits impracticable.

Dif. bet. measurements of 80.00 chs. by two sets of chainmen is 12 lks: position of middle point

By 1st set 79.94 chs.

By 2nd set 80.06 chs; the mean of which is

80.00 Set an iron post 3 ft. long, 3 in. diam. 24 in.

	in ground for cor. of secs. 25, 30, 31 & 36 marked on brass cap T27S on N half R12W S25 in NW R11W S30 in NE S31 in SE S36 in SW, quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor. ✓ Pits impracticable. ✓ Land, gently rolling bench, N.E. slope. Soil, light brown sandy loam, 6 to 20 in. deep, coarse texture, dry, gravel subsoil. No timber.
	North bet. secs. 25 & 30. Over gently rolling bench land, N.E. slope.
24.60	Hollow 20 ft. deep, 400 chs. wide, drains N30°E.
25.55	The Beaver River Power Co's Electric line, Milford to Frisco bears N74°32'W & S74°32'E. Dif. bet. measurements of 40.00 chs. by two sets of chainmen is 6 lks; position of middle point By 1st set 39.97 chs By 2nd set 40.03 chs; the mean of which is
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S25 on W half; S30 on E half; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor. Pits impracticable. ✓
44.60	R. M. B. Telephone line, Milford to Frisco, bears N64°10'W & S64°10'E.
54.20	Road, Milford to Frisco bears N60°W & S60°E.
60.95	Hollow 35 ft. deep 4.00 chs. wide drains E.
78.35	Top of S bank of draw bears E & W. Dif. bet. measurements of 80.00 chs. by two sets of chainmen is 8 lks; position of middle point By 1st set 79.96 chs. By 2nd set 80.04 chs; the mean of which is
80.00	Set an iron post 3 ft. long, 3 in. diam. 24 in.

Resurvey of Guide Meridian Through T27S

in ground for cor. of secs. 19, 24, 25 & 30, marked on brass cap
T27S on N half
R12W S24 in NW
R11W S19 in NE
S30 in SE
S25 in SW, quadrant; dig pits 18X18X12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high W of cor. ✓
Land, gently rolling bench, NE slope.
Soil, light sandy loam with some gravel medium texture, dry, gravel & clay subsoil.
No timber.

North bet. secs. 19 & 24.
Over gently rolling land, E slope, through sagebrush.

0.75 Foot of S. bank of draw 30 ft. below cor. bears E & W.
4.00 Wash 4 ft. 50 lks. wide drains N 70° E.
15.85 Foot of N bank of draw bears E & W.
22.90 Top of N bank of draw 100 ft. above wash, bears E & W.
28.85 Top of S bank of draw bears S 50° E & N 50° W.
30.50 Foot of S bank of draw 50 ft. below top bears N 50° W & S 50° E.
36.15 Wash 3 ft. deep 25 lks. wide drains S 50° E.
Dif. bet. measurements of 40.00 chs. by two sets of chainmen is 8 lks; position of middle point
By 1st set 40.04 chs.
By 2nd set 39.96 chs: the mean of which is
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S24 on W half; S19 on E half; raise a mound of stone 2 ft. base, 1½ ft. high. W of cor.
Pits impracticable. ✓
43.85 Foot of N. bank of draw bears N 50° W & S 50° E.
45.90 Top of N bank of draw, 60 ft. above wash bears N 50° W & S 50° E.

Resurvey of Guide Meridian through T27

Dif. bet. measurements of 80.00 chs. by two sets of chainmen is 14 lks: position of middle point

By 1st set 79.93 chs

By 2nd set 80.07 chs: the mean of which is

80.00 Set an iron post 3 ft. long, 3 in. diam. 24 in. in ground for cor. of secs. 13, 18, 19, 24 marked on brass cap

T27 S on N half

R12 W S13 in NW

R11 W S18 in NE

S19 in SE

S24 in SW; quadrant; raise a mound of stone 2 ft. base 1½ ft. high, W of cor.

Pits impracticable.

Land, gently rolling bench, E slope.

Soil, good brown clay loam, 7 to 20 in. deep fine texture, dry, clay subsoil.

No timber; undergrowth, sagebrush.

North bet. secs. 13 & 18.

Over gently rolling land through small sagebrush.

28.00 Wood road bears N 10° E & S 10° W.

28.90 R. M. B. Telephone line, Milford to O.K. Mine bears N 14° 25' E & S 14° 25' W: leave sagebrush enter shadscale bears NE & SW.

Dif. bet. measurements of 40.00 chs. by two sets of chainmen is 4 lks: position of middle point

By 1st set 40.02 chs.

By 2nd set 39.98 chs: the mean of which is

40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S13 on W half; S18 on E half; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor.

Pits impracticable.

42.74 Wash 3 ft. deep 25 lks. wide, drains S 45° E.

67.82 S.P. L.A. & S.L. R.R. Milford to Frisco bears N 57° 30' W & S 57° 30' E.

Resurvey of Guide Meridian through T 27 S.

68.24 Telegraph line, Milford to Frisco, bears N 57°30' W & S 57°30' E.
Dif. bet. measurements of 80.00 chs. by two sets of chainmen is 12 lks: position of middle point
By 1st set 80.06 chs.
By 2nd set 79.94 chs: the mean of which is
80.00 Set an iron post 3 ft. long, 1 in. diam. 24 in. in ground for cor. of secs. 7, 12, 13 & 18 marked on brass cap
T 27 S on N half
R 12 W S 12 in NW
R 11 W S 7 in NE
S 18 in SE
S 13 in SW, quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor.
Pits impracticable.
Land, gently rolling bench, SE slope.
Soil, poor sandy loam mixed with gravel 4 to 14 in. deep, coarse texture, dry, gravel subsoil.
No timber; undergrowth, small sagebrush.

North bet. secs. 7 & 12.
Over gently rolling bench land, S.E. slope, through shadscale.
19.55 Road, Frisco to Smiths bears N 80° E & S 80° W.
Dif. bet. measurements of 40.00 chs. by two sets of chainmen is 2 lks: position of middle point
By 1st set 40.01 chs.
By 2nd set 39.99 chs: the mean of which is
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 12 on W half; S 7 on E half; dig pits 18 x 18 x 12 in. N & S of post, 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor.
Dif. bet. measurements of 80.00 chs. by two sets of chainmen is 6 lks; position of middle point

Resurvey of Guide Meridian through T 27 S

	By 1st set 79.97 chs.
	By 2nd set 40.03 chs: the mean of which is
80.00	Set an iron post 3 ft. long, 3 in. diam. 24 in. in ground for cor. of secs. 1, 6, 7 & 12 marked on brass cap
	T 27 S on N half
	R 12 W S 1 in NW
	R 11 W S 6 in NE
	S 7 in SE
	S 12 in SW, quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor.
	Pits impracticable.
	Land, gently rolling bench, S.E. slope.
	Soil, poor sandy loam mixed with gravel 5 to 12 in. deep, coarse texture, dry, gravel subsoil
	No timber; undergrowth shadscale
	North bet. secs. 1 & 6.
	Over gently rolling bench land, S.E. slope, through shadscale.
0.44	Wood road bears E & W.
1.00	Foot of mountains, ascend: leave shadscale; enter stony mountainous land bears E & W.
7.00	Enter scattering cedar bears E & W.
9.90	Spur 125 ft. above cor. proj. S 20° W.
12.00	Head of small draw drains S 20° W; leave scattering cedar bears E & W.
29.85	Spur 250 ft. above draw proj. S 30° E.
	Dif. bet. measurements of 40.00 chs. by two sets of chainmen is 12 lks; position of middle point
	By 1st set 39.94 chs
	By 2nd set 40.06 chs: the mean of which is
40.00	Set an iron post 3 ft. long 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 1 on W half; S 6 on E half; raise a mound of stone, 2 ft. base, 1½ ft. high, W of cor. Pits impracticable.
40.20	Draw 750 ft. below spur drains S 35° E.
45.00	Enter scattering cedar bears N 40° W & S 40° E

Resurvey of Guide Meridian through T27S

60.00	Spur 300 ft. above draw prog. S45°E.
69.90	Draw 75 ft. below spur drains S50°E.
	Leave cedar bears N50°W & S50°E.
78.00	Top of spur 110 ft. above draw prog. S15°W.
80.00	Set an iron post 3 ft. long, 3 in. diam. 24 in. in ground for cor. of Tps. 26 & 27 S, Rs. 11 & 12 W, marked on brass cap
	T26S on N half
	T27S on S half
	R12WS36 in NW
	R11WS31 in NE
	R11WS6 in SE
	R12WS1 in SW, quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, S of cor.
	Pits impracticable. ✓
	Land, stony broken mountainous, S.E. slope.
	Soil, light poor sandy loam, mixed with gravel & stone, gravel & stone subsoil.
	Timber, scrubby cedar; undergrowth, shadscale.
	May 19, 1911.
	Sky being overcast solar observations were impossible on this date.
	May 19, 1911

Resurvey of Guide Meridian through T 26 S.

Survey commenced June 7, 1911 and executed with a W & L E. Gurley light mountain transit no number, with solar attachment.
For full description of instrument see Book a
I begin at the cor. of Tps 26 & 27 S, Rs 11 & 12 W which I established, May 19, 1911. Latitude 38° 30' N, longitude 113° 06' 30" W.
At this cor at 2 h 32.9 m. a. m. l. m. t. I observe Polaris at its eastern elongation in accordance with instructions in the Manual, and mark the point in the line thus determined by a tack driven in a wooden hub set in the ground, 5.00 chs. N. of my station.
After daylight I lay off the azimuth of Polaris 1° 29' to the west, and mark the meridian thus determined by a tack driven in a wooden hub firmly driven in the ground west of the point established this a. m.
From the Tp. cor. I run.
North bet. secs. 31 & 36.
Over stony mountainous land.

8.60 Small draw 70 ft. below cor. drains W.

9.50 Enter scattering cedar bears N 40° W & S 40° E, thence ascend gently along E side of draw, drains S 10° W.

23.50 Draw drains S 10° W

33.65 Same draw drains S 10° E

Dif. bet. measurements of 40.00 chs. by two sets of chainmen is 16 lks: position of middle point
By 1st set 40.08 chs
By 2nd set 39.92 chs: the mean of which is

40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 36 on W half; S 31 on E half; from which
A cedar tree 7 in. diam. bears
S 70° W, 2.07 chs. dist. marked
1/4 S 36 B T
A cedar tree, 9 in. diam. bears
S 83° E, 1.65 chs. dist. marked 1/4 S 31 B T

Resurvey of Guide Meridian through T26 S

40.75	Same draw drains S10°W.
58.25	Spur 200 ft. above draw prog. E.
65.00	Head of draw 60 ft. below spur drains E.
70.25	Spur 75 ft. above head of draw, prog. W: also enter thick cedar timber.
	Dif. bet. measurements of 80.00 chs. by two sets of chainmen is 12 lks. position of middle point
	By 1st set 80.06 chs
	By 2nd set 79.94 chs: the mean of which is
80.00	Set an iron post 3 ft. long, 3 in. diam. 24 in. in ground for cor. of secs. 25, 30, 31 & 36, marked on brass cap
	T26 S on N half
	R12 W S 25 in NW
	R11 W S 30 in NE
	S 31 in SE
	S 36 in SW, quadrant; from which
	A cedar tree, 10 in. diam. bears
	N 77° E, 61 lks. dist. marked
	T26 S R11 W S 30 B T.
	A cedar tree, 14 in. diam. bears
	S 38° E, 1.22 chs. dist. marked
	T26 S R11 W S 31 B T
	A cedar tree, 12 in. diam. bears
	S 51° W, 1.20 chs. dist. marked
	T26 S R12 W S 36 B T
	A cedar tree; 11 in. diam. bears
	N 65° W, 40 lks. dist. marked
	T26 S R12 W S 25 B T.
	Land, broken & hilly.
	Soil, poor stony gravelly & sandy; subsoil gravel & stone.
	Timber, scrubby cedar.
	North bet. secs. 25 & 30.
	Over broken stony mountainous land, through cedar timber.
22.25	Draw 300 ft. below cor. drains N 20° W.
33.50	Spur 250 ft. above draw, ~~prog.~~ N 30° W.

Resurvey of Guide Meridian through T26 S.

Dif. bet. measurements of 40.00 chs. by two sets of chainmen is 14 lks: position of middle point
By 1st set 39.93 chs.
By 2nd set 40.07 chs: the mean of which is
40.00 Set an iron post 3 ft long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 25 on W half; S 30 on E half; from which
A cedar tree, 10 in. diam. bears
N 50° W, 36 lks. dist. marked
1/4 S 25 B T
A cedar tree, 7 in. diam. bears
S 30° E, 34 lks. dist. marked
1/4 S 30 B T
51.00 Draw 175 ft. below spur drains N 25° W.
61.25 Spur 125 ft. above draw prog. N 30° W
68.50 Draw 200 ft. below spur drains N 30° W; also leave cedar timber bears N 40° W & S 40° E.
78.20 Wood road bears E & W.
Dif. bet. measurements of 80.00 chs. by two sets of chainmen is 8 lks: position of middle point
By 1st set 80.04 chs.
By 2nd set 79.96 chs: the mean of which is
80.00 Set an iron post 3 ft. long, 3 in. diam. 24 in. in ground for cor. of secs. 19, 24, 25 & 30 marked on brass cap
T 26 S on N half
R 12 W S 24 in NW
R 11 W S 19 in NE
S 30 in SE
S 25 in SW, quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor.
Pits impracticable.
Land, rolling & broken mountainous, NW slope
Ridges, light poor sandy loam, with some gravel & stones; slopes washed & stony; valleys poor sandy loam, 4 to 12 in. deep, coarse texture, dry; subsoil, stone & gravel.
Timber cedar.
Sky overcast; solar observations impossible.

Resurvey of Guide Meridian through T26 S.

	North bet. secs. 19 & 24.
	Over rolling mountainous land.
0.50	Spur 10 ft. above sec. cor. proj. N 40° W.
7.00	Enter scattering cedar bears N 40° W & S 40° E.
11.00	Draw 75 ft. below spur drains N 60° W.
16.25	Spur 40 ft. above draw proj. N 60° W.
27.50	Wood road bears N 70° E & S 70° W.
38.00	Enter wash 2 ft. deep, 50 lks. wide, course S 70° E, thence along wash.
40.00	Falls in wash.
45.15	Leave wash drains N 15° E.
	Dif. bet. measurements of 49.35 chs. by two sets of chainmen is 6 lks: position of middle point
	By 1st set 49.38 chs.
	By 2nd set 49.32 chs: the mean of which is
49.35	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for witness 1/4 sec. cor. to secs. 19 & 24 marked on brass cap WC 1/4 S 24 on W half; S 19 on E half; from which
	A cedar tree, 16 in. diam. bears N 88° E, 20 lks. dist. marked WC 1/4 S 19 B T
	A cedar tree, 12 in. diam. bears N 17° W, 47 lks. dist. marked WC 1/4 S 24 B T
50.50	Wash 4 ft. deep, 25 lks. wide drains N 15° W.
72.34	Wash 5 ft. deep 40 lks. wide drains N 20° W.
	Dif. bet. measurements of 80.00 chs. by two sets of chainmen is 10 lks; position of middle point
	By 1st set 80.05 chs
	By 2nd set 79.95 chs: the mean of which is
80.00	Set an iron post 3 ft. long 3 in. diam. 24 in. in ground for cor. of secs. 13, 18, 19 & 24, marked on brass cap
	T 26 S on N half
	R 12 W S 13 in NW
	R 11 W S 18 in NE
	S 19 in SE

Resurvey of Guide Meridian through T 26 S

S 24 in SW quadrant; from which
A cedar tree, 6 in. diam. bears
N 21° E, 1.30 chs. dist. marked
T 26 S R 11 W S 18 B T
A cedar tree, 9 in. diam. bears
S 72° E, 2.19 chs. dist. marked
T 26 S R 11 W S 19 B T
A cedar tree 7 in. diam. bears
S 17° W, 1.58 chs. dist. marked
T 26 S R 12 W S 24 B T
A cedar tree, 5 in. diam. bears
N 60° W, 1.30 chs. dist. marked
T 26 S R 12 W S 13 B T.
Land, broken & hilly.
Soil, light poor sandy loam 6 to 20 in. deep, with some gravel, coarse texture, dry, subsoil gravel.
Timber, scrubby cedar.

North bet. secs. 13 & 18
Over rolling mountainous land through scattering cedar.

29.00 Leave scattering cedar bears N 20° E & S 20° W.
Dif. bet. measurements of 40.00 chs. by two sets of chainmen is 4 lks: position of middle point
By 1st set 40.02 chs.
By 2nd set 39.98 chs: the mean of which is

40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in in ground for 1/4 sec. cor. marked on brass cap 1/4 S 13 on W half; S 18 on E half; raise a mound of stone 2 ft. base, 1 1/2 ft. high, W of cor.
Pits impracticable!

52.60 Draw 50 ft. deep drains N 40° E.

57.30 Ascend along E slope.

72.50 Spur 110 ft. above draw proj. N 35° E.
Dif. bet. measurements of 80.00 chs. by two sets of chainmen is 12 lks: position of middle point
By 1st set 79.94 chs

Resurvey of Guide Meridian through T26S.

By 2nd set 80.06 chs; the mean of which is
80.00 Set an iron post 3 ft. long, 3 in. diam. 24 in. in ground for cor. of secs. 7, 12, 13 & 18 marked on brass cap
T26S on N half
R12W S12 in NW
R11W S7 in NE
S18 in SE
S13 in SW, quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor.
Pits impracticable.
Land, rolling mountainous.
Soil, poor sandy loam mixed with gravel, 4 to 8 in. deep coarse texture, dry, gravel subsoil.
Timber, scrubby cedar.

June 7, 1911.

June 8, 1911. At 8 h. 59 m. a.m. l. m. t. I set off 38°34' on the lat. arc; 22°48' N on the decl. arc, & determine a meridian with the solar at the cor. of secs. 7, 12, 13 & 18.
Thence I run
North bet. secs. 7 & 12.
Over rolling mountain land, NE slope.
9.00 Small draw drains N50°E.
15.50 Ridge 120 ft. above draw bears N50°E & S50°W.
29.50 Foot of mountainous land; enter gently rolling bench land 115 ft. below ridge, slope NE; also enter shadscale bears N50°E & S50°W.
Dif. bet. measurements of 40.00 chs. by two sets of chainmen is 8 lks.; position of middle point
By 1st set 39.96 chs.
By 2nd set 40.04 chs; the mean of which is
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S12 on W half; S7 on E half; dig pits 18 x 18 x 12 in. N & S of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor.
44.85 Wood road bears N80°E & S80°W.

Resurvey of Guide Meridian through T 26 S.

56.00 Road, Frisco to Black Rock bears N 45° E & S 45° W.
Dif. bet. measurements of 80.00 chs. by two sets. of chainmen is 6 lks; position of middle point
By 1st set 79.97 chs.
By 2nd set 80.03 chs: the mean of which is
80.00 Set an iron post 3 ft. long, 3 in. diam. 24 in. in ground for cor. of secs. 1, 6, 7 & 12, marked on brass cap
T 26 S on N half
R 12 W S 1 in NW
R 11 W S 6 in NE
S 7 in SE
S 12 in SW, quadrant; dig pits 18 x 18 x 12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor. v
S 29.50 chs. broken & hilly.
Slopes & ridges, light sandy loam with stones valleys, light poor sandy loam, gravel subsoil.
N 30.50 chs. gently rolling bench land, NE slope. Soil, light poor sandy loam, with some gravel, 6 to 12 in. deep, coarse texture, dry, gravel subsoil.
No timber.

North bet. secs. 1 & 6.
Over gently rolling bench land through shadscale.
7.00 S bank of draw bears N 40° E & S 40° W.
8.35 Foot of bank 30 ft. deep bears N 40° E & S 40° W.
15.80 Wash 4 ft. deep, 90 lks. wide drains N 40° E
24.25 Foot of N bank of draw bears N 40° E & S 40° W.
26.10 Top of N bank of draw 40 ft. high bears N 40° E & S 40° W: enter stony land.
Dif. bet. measurements of 40.00 chs. by two sets of chainmen is 8 lks: position of middle point
By 1st set 39.96 chs.
By 2nd set 40.04 chs: The mean of which is
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in

Resurvey of Guide Meridian through T26. S

in ground for 1/4 sec. cor. marked on brass cap 1/4 S1 on W half; S6 on E half; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor. Pits impracticable.

68.35 Wood road bears N 45° W & S 45° E.

Dif. bet. measurements of 94.42 chs. by two sets of chainmen is 12 lks; position of middle point

By 1st set 94.48 chs

By 2nd set 94.36 chs; the mean of which is

94.42 Intersect 5th Standard Parallel S 1.72 chs. S 89°47' E of S. C. of Tps. 25 S, Rs 11 & 12 W which is a lava stone 6×5×4 in. above ground, loosely set in stone mound.

I destroy all traces of the old cor. and re-establish it at same point as follows

Set an iron post 3 ft. long 3 in. diam. 24 in. in ground for S. C. of Tps 25 S, Rs 11 & 12 W, marked on brass cap

T25 S on N half

R12W S36 in NW.

R11W S31 in NE; quadrant; raise a mound of stone 2 ft. base, 1½ ft. high N of cor. Pits impracticable.

Set an iron post 3 ft. long, 3 in. diam. 24 in. in ground for closing cor. of Tps. 26 S, Rs 11 & 12 W, marked on brass cap

CC T26 S on S half

R11W S6 in SE

R12W S1 in SW, quadrant; raise a mound of stone 2 ft. base, 1½ ft. high S of cor. Pits impracticable.

Land, gently rolling bench NE slope.

Soil, light poor sandy loam with some stones, 4 to 12 in. deep, coarse texture, dry, gravel subsoil.

No timber; undergrowth, shadscale.

June 8, 1911.

John W. Dougall
U. S. Transitman

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FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by John W. Dougall, United States ~~Deputy Surveyor~~ Transitman, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of Guide Meridian through Tps 26, 27 & 28 S bet Ranges 11 & 12 West S.L.B. & M. Utah, showing the respective capacities in which they acted:

Ralph A. Groesbeck William B. Clark, Chainman.
Ernest Harmer Willis Whitmore, Chainman.
, Moundman.
, Moundman.
, Axman.
, Axman.
Longo Safford, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted John W. Dougall, United States ~~Deputy Surveyor~~ Transitman, in surveying all those parts or portions of the Guide Meridian through Tps 26-27 & 28 South bet. Ranges 11 & 12 West of the Salt Lake Base & meridian, in the State of Utah, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah

Ralph A. Groesbeck William B. Clark, Chainman.
Ernest Harmer Willis Whitmore, Chainman.
, Moundman.
, Moundman.
, Axman.
, Axman.
Longo Safford, Flagman.

Subscribed and sworn to before me this 10th day of June, 1911

SEAL

John W. Dougall
U.S. Transitman

6—151

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, John W. Dougall, United States ~~Deputy Surveyo~~ Transitman solemnly swear that, in pursuance of ~~a contract~~ special instructions received from Thomas Hull United States Surveyor General for Utah, bearing date o 6th day of August, 1910 ~~19~~, I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Surv General for Utah, the Manual of Surveying Instructions, and the laws o United States, re-surveyed all those parts or portions of the Guide Meridian, through To ships 26, 27, and 28 South, between Ranges 11 and 12 West

of the Salt Lake Base and meridian, in the State of Utah, which are represented i foregoing field notes as having been surveyed by me, and under my direction; and I do further sole swear that all the corners of said survey have been established and perpetuated in strict accordance the Manual of Surveying Instructions, and the special written instructions of the United States Surv General for Utah and in the specific manner described in the field notes, and the foregoing are the original field notes of such re-survey.

John W. Dougall
~~United States Deputy Surve~~
United States Transitman

Subscribed by said John W. Dougall, and sworn to before ~~me~~ this 17 day of April, 1912, ~~19xx~~

Thomas Hull
U.S. Surveyor-General
for Utah.

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Sept. 16, 19

The foregoing field notes of the re-survey of the Guide Meridian, through Townships 26, 27, and 28 South, between Ranges 11 and 12 West, of the Salt Lake Base and Meridian, Utah,

executed by John W. Dougall under his special instructions ~~contract No.~~, dated August 6, 1910, ~~19~~, having b critically examined, and the necessary corrections and explanations made, the said field notes, and surveys they describe, are hereby approved.

Thomas Hull
United States Surveyor Gene

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

United States Surveyor Gene

6—151

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Page

175

4—679.

Filed Apr.1, 1912,
WSH.

Obs.chkd.MFY.
Ex. AKG.

BOOK A-382

P.

E.W.

FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION

AND

RETRACEMENT AND RESURVEY

NORTH, EAST & PART OF SOUTH BOUNDARY

OF

TOWNSHIP NO. 27 SOUTH, RANGE NO.11 WEST

Of the Salt Lake Base and *Meridian,*

UTAH,

AS SURVEYED BY

John W.Dougall, *United States* Transitman ~~*Deputy Surveyor*~~,

Under Assignment Group ~~*his Contract*~~ *No.* 5, *dated* August 6, 1910, ~~100~~

Survey commenced May 16 1911, ~~100~~

Survey completed June 3, 1911, ~~100~~

6—151

Rite S. Bdy 1 00 98
Rio S. Bdy 2 01 64
Rio N Bdy 6 02 27
Clos 9 34
Rite E Bdy 6 03 62
Subs. 58 49 11
Clos. 56 47

BOOK A-382

NAMES AND DUTIES OF ASSISTANTS.

William B.Clark,	Chainman.
Willis Whitmore,	Chainman.
Ernest Harmer,	Moundman.
Ralph A.Groesbeck,	Flagman.

BOOK A-382

INDEX DIAGRAM.

Township 27 South, Range 11 West

15	14	13	12	12	11	
6 55	35 5 56	46 4 47	37 3 38	27 2 28	19 1 20	6
7 61	59 8 60	47 9 48	38 10 39	28 11 29	20 12 21	7
18 63	62 17 63	49 16 50	40 15 41	30 14 31	22 13 23	8
19 66	64 20 65	51 21 57	42 22 42	32 23 34	23 24 24	9
30 68	66 29 67	53 28 53	40 27 44	34 26 35	25 25 25	9
31	69 32	54 33	45 34 1	36 35 2	26 36 2	10

Meanders Page .....

6—151

PRELIMINARY OATHS OF ASSISTANTS.

We, William B. Clark and Willis W. Whitmore

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

T. 27 S. R. 11 W. S. L. B. & M. Utah.

William B. Clark, Chainm

Willis W. Whitmore, Chainm

Subscribed and sworn to before me this 15th day of May, 1911

SEAL

John W. Dougall
U. S. Transitman

We, Ernest Harmer and

do solemnly swear that we will well and truly perform the duties of moundman in the establishm of corners, according to the instructions given me, to the best of my skill and ability, in the surve

T. 27 S. R. 11 W. S. L. B. & M. Utah.

Ernest Harmer, Moundm

, Moundm

Subscribed and sworn to before me this 15th day of May, 1911

SEAL

John W. Dougall
U. S. Transitman

We, and

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

, Axme

, Axme

Subscribed and sworn to before me this
day of , 19

SEAL

I, Ralph A. Goodwin, do solemnly swear that I will well and tru perform the duties of flagman according to instructions given me, to the best of my skill and ability, in t survey of T. 27 S. R. 11 W. S. L. B. & M. Utah.

Ralph A. Goodwin, Flagma

Subscribed and sworn to before me this 15th day of May, 1911

SEAL

John W. Dougall
U. S. Transitman

Retracement & Resurvey of part of S. bdy. T27S R11W.

Drains	Survey commenced May 16, 1911, & executed with a W & L. E. Gurley light mountain transit, no number, with solar attachment.
	For full description of instrument see Book A.
	Knowing my instrument is in perfect adjustment from recent observations on Polaris.
	I begin at the cor. of secs. 3, 4, 33 & 34 which is a granite 7x6x6 in. above ground firmly set, marked & witnessed as described by the Surveyor General.
	May 16, 1911. At 1 h 56 m. p.m. l.m.t. I set off 38°25' on the lat. arc; 19°00' N on the decl. arc, & determine a meridian with the solar at the cor. of secs. 3, 4, 33 & 34 on S. bdy. of Tp.
	Thence I run
	N 89° 59' E on retracement line bet. secs. 3 & 34.
40.00	After diligent search find no trace of 1/4 sec. cor.
81.00	Fall 16 lks. S of cor. of secs. 2, 3, 34 & 35 which is a brachyte 10x10x4 in. above ground firmly set, marked & witnessed as described by the Surveyor General.
	Thence I run
	S 89° 55' W on resurvey line bet. secs. 3 & 34.
	Over gently rolling bench land, S E slope, through sagebrush.
15.50	Leave sagebrush bears N & S.
40.50	Set an iron post 3 ft. long, 1 in. diam, 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 34 on N half; S 3 on S half; dig pits 18x18x12 in. E & W of post 3 ft. dist; & raise a mound of earth 3/2 ft. base 1/2 ft. high, N of cor.
43.50	Enter scattering sagebrush bears N 60° E & S 60° W
77.95	Wash 15 ft. deep, 75 lks. wide, drains S 40° E.
81.00	The cor. of secs. 3, 4, 33 & 34.
	Land, gently rolling bench. S E slope.
	Soil, good sandy loam, with some gravel medium texture, dry, clay & gravel subsoil.
	No timber. Undergrowth, sagebrush.

Retracement & Resurvey of part of S Bdy. T 27 S R 11 W

Chains.	
	N 89°59' E on retracement line bet secs. 2 & 35
40.00	After diligent search find no trace of old 1/4 sec. cor.
80.64	Fall 58 lks. N of cor of secs. 1, 2, 35 & 36, which is a granite stone 9x9x7 in. above ground firmly set, marked & witnessed as described by the Surveyor General.
	Thence I run
	N 89° 35' W on resurvey line bet. secs. 2 & 35
	Over gently rolling land through sagebrush.
22.70	Wash 2 ft. deep, 20 lks. wide, drains S 50° E.
27.35	Telegraph line, Milford to Frisco bears N 27°30' W & S 27°30' E.
27.85	S.P.L.A. & S.L. R.R. Milford to Frisco bears N 27°30' W & S 27°30' E.
35.60	Foot of low bench bears N 30° W & S 30° E.
39.00	Top of low bench, 20 ft. high, bears N 30° W & S 30° E.
40.32	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 35 on N half; S 2 on S half; dig pits 18x18x12 in. E & W of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N of cor.
71.00	Road, Milford to Frisco bears N 65° W & S 65° E.
72.50	R. M. B. Telephone line Milford to Frisco bears N 65°30' W & S 65°30' E.
80.64	The cor. of secs. 2, 3, 34 & 35.
	Land, gently rolling bench, S E slope.
	Soil, good brown sandy loam, 6 to 15 in. deep medium texture, dry, clay & gravel subsoil.
	No timber.
	Undergrowth sage brush
	N 89°59 E on retracement line bet. secs. 1 & 36.
40.49	Fall 14 lks. N of old 1/4 sec. cor. which is a cedar post, greatly decayed & marks nearly obliterated.
	I destroy all traces of the old cor. and re-establish it at same point as follows
	Set an iron post 3 ft. long, 1 in. diam. 26 in in ground for 1/4 sec. cor. marked on brass cap 1/4 S 36 on N half; S 1 on S half; dig pits 18

Retracement & Resurvey of part of S. Bdy. T 27 S R 11 W

Trees

x 18 x 12 in. E & W of post, 3 ft. dist: & raise a mound of earth 3½ ft. base, 1½ ft. high. N of cor.

Therefore the course of this line is S 89° 50' E.

Moved to cor.

Thence I run

N 89° 59' E on retracement line. bet. secs. 1 & 6.

40.49 Fall 14 lks. N of cor. of Tps. 27 & 28 S, Rs 10 & 11 W which is a cedar post, greatly decayed & marks nearly obliterated.

I destroy all traces of the old cor. and re-establish it at same point as follows

Set an iron post 3 ft. long, 3 in. diam. 24 in. in ground for cor. of Tps. 27 & 28 S, Rs 10 & 11 W marked on brass cap

T 27 S on N half

T 28 S on S. half

R 11 W S 36 in NW

R 10 W S 31 in NE

R 10 W S 6 in SE

R 11 W S 1 in SW, quadrant; dig pits 24 x 24 x 12 in. on each line N, E, & W 4 ft. & S of post 8 ft. dist; & raise a mound of earth 5 ft. base, 2½ ft. high, S of cor.

Therefore the course of this line is S 89° 50' E.

Land, gently rolling bench, SE slope.

Soil, good brown sandy loam, 7 to 19 in. deep medium texture, dry, clay & gravel subsoil.

No timber.

May 16, 1911.

Retracement & Resurvey of East Bdy. T27 S R11W.

Chains	
	Survey commenced May 17, 1911, and executed with a W & L. E. Gurley light mountain transit, no number, with solar attachment.
	For full description of instrument see Book A.
	I begin at the cor. of Tps. 27 & 28 S, Rs 10 & 11 W which I established May 16, 1911. Latitude 38° 25' N, longitude 113° 00' W, at 3h 55m a.m. l.m.t. I observe Polaris at eastern elongation in accordance with instructions in the manual & mark the line thus determined by a tack driven in a wooden hub set in the ground 5.00 chs. N of the cor.
	After daylight I lay off the azimuth of Polaris 1° 29' to the west, and mark the meridian thus determined by a tack driven in a wooden hub firmly driven in the ground west of the point established this a.m.
	Thence I run
	N 0° 17' E on retracement line bet. secs. 31 & 36.
40.30	Fall 14 lks. E of old 1/4 sec. cor. which is a trachyte 10 x 10 x 6 in. above ground firmly set marked & witnessed as described by the Surveyor General.
	Therefore the course of this line is N 0° 05' E.
	Moved to cor. Sky overcast. Solar obs. impossible
	Thence I run
	N 0° 17' E on retracement line bet. secs. 31 & 36
40.39	Fall 14 lks. E of cor. of secs. 25, 30, 31 & 36, which is a trachyte 14 x 12 x 10 in. above ground firmly set, marked & witnessed as described by the Surveyor General.
	Therefore the course of this line is N 0° 05' E.
	N 0° 17' E on retracement line bet. secs. 25 & 30.
40.31	Fall 14 lks. E of 1/4 sec. cor. which is a lava stone 6 x 5 x 3 in. above ground, firmly set marked & witnessed as described by the Surveyor General
	Therefore the course of this line is N 0° 05' E.
	Moved to cor.

Chains.	
	Thence I run
	N 0° 17' E on retracement line bet. secs. 25 & 30
40.28	Fall 14 lks. E of cor. of secs. 19, 24, 25 & 30 which is a lava stone 5 x 5 x 3 in. above ground, firmly set marked & witnessed as described by the Surveyor General.
	Therefore the course of this line is N 0° 05' E.
	N 0° 17' E on retracement line bet. secs. 19 & 24.
40.28	Fall 14 lks. E of 1/4 sec. cor. which is a granite 10 x 8 x 6 in. above ground, firmly set, marked & witnessed as described by the Surveyor General
	Therefore the course of this line is N 0° 05' E.
	Moved to cor.
	Thence I run
	N 0° 17' E on retracement line bet. secs. 19 & 24.
40.32	Fall 14 lks. E. of cor. of secs. 13, 18, 19 & 24 which is a brachyte 12 x 12 x 6 in. above ground, firmly set, marked & witnessed as described by the Surveyor General.
	Therefore the course of this line is N 0° 05' E.
	N 0° 17' E on retracement line bet. secs. 13 & 18
40.30	Fall 14 lks. E of 1/4 sec. cor. which is a brachyte 10 x 6 x 4 in. above ground, firmly set, marked & witnessed as described by the Surveyor General.
	Therefore the course of this line is N 0° 05' E.
	Moved to cor.
	Thence I run
	N 0° 17' E on retracement line bet. secs. 13 & 18.
40.26	Fall 14 lks. E of cor. of secs. 7, 12, 13 & 18 which is a brachyte 12 x 10 x 4 in. above ground firmly set, marked & witnessed as described by the Surveyor General
	Therefore the course of this line is N 0° 05' E.
	N 0° 17' E on retracement line bet. secs. 7 & 12
40.28	Fall 14 lks E of 1/4 sec. cor. which is a brachyte 10 x 8 x 3 in. above ground, firmly

Retracement & Resurvey of East Bdy T27S R11W

Chains.	set, marked & witnessed as described by the Surveyor General.
	Therefore the course of this line is N0°05'E.
	Moved to cor.
	Thence I run
	N0°17'E on retracement line bet. secs. 7 & 12.
40.32	Fall 14 lks E. of cor. of secs. 1, 6, 7 & 12 which is a brachytē 11x10x5 in. above ground, firmly set, marked & witnessed as described by the Surveyor General.
	Therefore the course of this line is N0°05'E.
	N0°17'E on retracement line bet. secs. 1 & 6.
40.45	Fall 14 lks. E of 1/4 sec. cor. which is a small granite stone, greatly decayed, marks nearly obliterated.
	I destroy all traces of the old cor. and re-establish it at same point as follows
	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 6 on E half; dig pits 18x18x12 in. N & S of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor.
	Therefore the course of this line is N0°05'E.
	Moved to cor.
	Thence I run
	N0°17'E on retracement line bet. secs. 1 & 6.
40.13	Fall 14 lks. E of cor. of Tps. 26 & 27 S, Rs 10 & 11 W, which is a granite 7x9x9 in. above ground firmly set, marked & witnessed as described by the Surveyor General.
	Therefore the course of this line is N0°05'E.
	May 17, 1911.
	May 22, 1911. At 8h 56m a.m. l.m.t. I set off 38°50' on the lat. arc; 20°16' N on the decl. arc; & determine a meridian with the solar at the cor. of Tps 26 & 27 S, Rs 10 & 11 W.
	Thence I run
	S0°05'W bet. secs. 1 & 6

Retracement & Resurvey of East Bdy T27SR11W

Chains	
	Over gently rolling bench land through shadscale.
21.75	Wood road bears N60°E & S60°W.
32.00	Leave shadscale: enter sagebrush bears N60°E & S60°W.
40.00	Set an iron post 3ft. long 1in. diam. 26in in ground for 1/4 sec. cor. marked on brass cap 1/4 S1 on W half; dig pits 18x18x12 in. N & S of post 3ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor.
40.13	Intersect re-est. 1/4 sec. cor., before described.
64.00	Wash 2ft. deep 5 lks wide, drains N80°E.
80.00	Set an iron post 3ft. long, 2in. diam. 24 in. in ground for cor. of secs. 1 & 12 marked on brass cap T27S on N half R10W S6 S7 on E half S1 in NW R11W S12 in SW, quadrant; dig pits 24x24x12 in. in each sec. 6ft. dist; & raise a mound of earth 4ft. base 2ft. high, W of cor. Land, gently rolling bench E slope. Soil, good brown clay loam, 6 to 30 in. deep, fine texture, dry, clay subsoil. No timber; undergrowth, sagebrush & shadscale
	S0°05' W bet. secs. 7 & 12 Over gently rolling bench land through sagebrush.
0.58	Intersect old cor. of secs. 6 & 7, before described.
11.95	Wash 2ft. deep 10 lks wide drains E
22.35	Wash 8ft. deep, 25 lks. wide drains N40°E.
33.15	Wood road bears S80°E & N80°W.
39.30	Wood road bears N60°E & S60°W.
40.00	Set an iron post 3ft. long, 1in. diam. 26in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S12 on W half; dig pits 18x18x12 in N & S of post 3ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor.
40.90	Intersect old 1/4 sec. cor. before described.
66.75	Wood road bears N40°E & S40°W.

Retracement & Resurvey of East Bdy T27S. R11W.

Chains	
80.00	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 12 & 13 marked on brass cap T27S on N half R10W S7 S18 on E half S12 in NW R11W S13 in SW, quadrant; dig pits 24 x 24 x 12 in. in each sec. 6 ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor. Land, gently rolling bench & slope. Soil, good brown clay loam, 9 to 30 in. deep fine texture, dry, clay subsoil. No timber; undergrowth, sagebrush.
	S 0°05' W bet. secs. 13 & 18. Over gently rolling bench land through sagebrush.
1.18	Intersect cor. of secs. 7 & 18, before described
40.00	Set an iron post 3 ft. long 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S13 on W half; dig pits 18 x 18 x 12 in. N & S of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor.
41.44	Intersect old 1/4 sec. cor. before described.
52.17	Wood road bears N 40° W & S 40° E.
67.25	Wood road bears N 60° E & S 60° W.
80.00	Set an iron post 3 ft. long. 2 in. diam. 24 in. in ground for cor. of secs. 13 & 24 marked on brass cap T27S on N half R10W S18 S19 on E half S13 in NW R11W S24 in SW, quadrant; dig pits 24 x 24 x 12 in. in each sec. 6 ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor. Land; gently rolling bench. E slope. Soil; good brown clay loam. 7 to 30 in. deep medium texture, dry, clay subsoil. No timber; undergrowth, sagebrush. May 22, 1911. At this cor. I set off 20°17' N on the dist. arc; and at 11 h 56 m. L.m.t. observe the

Measurement & Resurvey of East Bdy T27S R11W.

Chains	
	sun on the meridian, the resulting lat is 38°28' N.
	S0°05' W bet. secs. 19 & 24.
	Over gently rolling bench land through sagebrush.
1.74	Intersect cor. of secs. 18 & 19 before described.
20.75	N. bank of draw bears N50°E & S50°W.
23.50	Wash 4 ft. deep 25 lks. wide drains N50°E.
24.50	S bank of draw 75 ft. high bears N50°E & S50°W.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S24 on W half; dig pits 18 x 18 x 12 in. N & S of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor.
42.06	Intersect old 1/4 sec. cor. before described.
80.00	Set an iron post 3 ft. long 2 in. diam. 24 in. in ground for cor. of secs. 24 & 25 marked on brass cap
	T27S on N half
	R10W S19 S30 on E half
	S24 in NW
	R11W S25 in SW. quadrant; dig pits 24 x 24 x 12 in. in each sec. 6 ft. dist; & raise a mound of earth 4 ft. base 2 ft. high, W of cor.
	Sand; gently rolling bench E slope.
	Soil; good brown sandy loam 10 to 30 in. deep, medium texture, dry, clay subsoil.
	No timber; undergrowth, sagebrush.
	May 22, 1911. At 1h 56m. p. m. l. m. t. I set off 38°27' on the lat. arc; 20°18' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 24 & 25.
	Thence I run
	S0°05' W bet. secs. 25 & 30.
	Over gently rolling bench land through sagebrush.
2.34	Intersect cor. of secs. 19 & 30 before described.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in.

Chains	
	in ground for 1/4 sec. cor. marked on brass cap 1/4 S 25 on W half; dig pits 18 x 18 x 12 in. N & S of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor.
42.62	Intersect 1/4 sec. cor. before described.
80.00	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 25 & 36 marked on brass cap T27S on N half R10W S30 S31 on E half S25 in NW R11W S36 in SW, quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor. Pits impracticable. Land; gently rolling bench, E slope. Soil; good brown sandy loam 7 to 30 in. deep, medium texture, dry, clay subsoil. No timber; undergrowth, sagebrush.
	S 0°05' W bet. secs. 31 & 36. Over gently rolling bench land through sagebrush.
2.93	Intersect cor. of secs. 30 & 31 before described.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 36 on W half; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor. Pits impracticable.
43.32	Intersect old 1/4 sec. cor. before described.
52.95	Road, Milford to Old Hickory bears N 50° W & S 50° E.
73.50	Top of bench bears N 40° W & S 40° E.
83.62	The cor. of Tps. 27 & 28 S, Rs 10 & 11 W. Land; gently rolling bench, E slope. Soil; good sandy loam with some gravel 5 to 25 in. deep, coarse texture, dry, gravel subsoil. No timber; undergrowth, sagebrush. May 22, 1911.

Resurvey of North Boundary T27S R11W.

chains

May 18, 1911. At 7h 56m. a. m. l. m. t. I set off 38° 30' on the lat. arc; 19° 25' N on the decl. arc; & determine a meridian with the solar at the cor. of Tps. 26 & 27 S, Rs 10 & 11 W.
Thence I run
West on blank line on N. bdy of sec 1: at 40.50 chs I find the 1/4 sec. cor. N 27 lks. dist; at 81.05 chs. the cor. of secs. 1, 2, 35 & 36 N 70 lks. dist; therefore I continue my line W. & find no part of the N. bdy. in alinement & that some of the cors. are nearly obliterated. At 6 miles 2.27 chs. intersect Guide Meridian on W. bdy. 9.34 chs. N. of old cor. of Tps. 26 & 27 S, Rs 11 & 12 W which is a limestone 5 x 6 x 6 ins. above ground firmly set, & marked & witnessed as described by the Surveyor General.
As these Tps. have not been subdivided, I resurvey the boundary between them as follows.
May 18, 1911.

May 20, 1911. At 7h 56m. a. m. l. m. t. I set off 38° 30' on the lat. arc; 19° 51' N on the decl. arc; and determine a meridian with the solar at the cor. of Tps. 26 & 27 S Rs 10 & 11 W.
From this cor. the S.W. cor. of house bears S 84° 30' W 6.96 chs. dist.
Well, 80 ft. deep bears S 83° W, 7.50 chs. dist.
These improvements are owned by the Western Elevator & Development Co.
Thence I run
West on resurvey line bet. secs. 1 & 36.
Over gently rolling land through shadscale.

3.25	Enter plowed ground bears N 1.00 ch & S 10.00 chs
6.00	Leave same bears N & S.
40.00	Set an iron post 3 ft. long 1 in. diam. 26 ins. in ground for 1/4 sec. cor. marked on brass caps 1/4 S 36 on N half; S 1 on S half; dig pits 18 x 18 x 12 in E & W of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N of cor.
48.00	Leave shadscale bears N & S.
65.10	Wash 3 ft. deep 10 lks. wide drains N 50° E.

Resurvey of North Boundary T27S R11W.

chains	
80.00	Set an iron post 3 ft. long 3 in. diam. 24 in. in ground for cor. of secs. 1, 2, 35 & 36 marked on brass cap T26 S S35 in NW. R11W S36 in NE R11W S1 in SE T27S S2 in SW, quadrant; dig pits 18 x 18 x 12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base 2 ft. high W of cor. Land, gently rolling bench & slope. Soil, light brown clay loam 6 to 24 in. deep, fine texture, dry, clay subsoil. No timber; undergrowth, shadscale.
	West on resurvey line bet. secs. 2 & 35. Over gently rolling bench land.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 35 on N half; S 2 on S half; dig pits 18 x 18 x 12 in. E & W of post, 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, N of cor.
57.75	Wash 8 ft. deep, 40 lks. wide trains N 35° E.
79.00	Enter white sage bears N & S.
80.00	Set an iron post 3 ft. long 3 in. diam 24 in. in ground for cor. of secs. 2, 3, 34 & 35 marked on brass cap T26 S S34 in NW R11W S35 in NE. R11W S2 in SE T27S S3 in SW, quadrant; dig pits 18 x 18 x 12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor. Land, gently rolling bench & slope. Soil, good brown clay loam, 8 to 30 in. deep medium texture, dry, clay subsoil. No timber; undergrowth, white sage.
	West on resurvey line bet. secs. 3 & 34. Over gently rolling bench land through white sage.
0.25	Road, Medford to Beaver Lake Mountains bears N 20° W & S 20° E.

Resurvey of North Boundary of T27S R11W.

Chains	
9.00	Leave white sage bears N10°E & S10°W.
39.80	Road Tusco to Smiths bears N60°E & S60°W.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S34 on N half; S3 on S half; dig pits 18x18x12 in. E & W of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, N of cor.
44.00	Enter sagebrush bears N70°E & S70°W.
80.00	Set an iron post, 3 ft. long, 3 in. diam. 24 in. in ground for cor. of secs. 3, 4, 33 & 34 marked on brass cap T26S S33 in NW R11W S34 in NE R11W S3 in SE T27S S4 in SW, quadrant; dig pits 18x18x12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor.
	Land, gently rolling bench, E slope.
	Soil, good brown clay loam, 7 to 18 in. deep medium texture, dry, clay & gravel subsoil.
	No timber. Undergrowth, sagebrush & white sage.
	May 20, 1911. At the cor. I set off 19°52' N on the decl. arc; and at 11 h 56 m. l. m. t. observe the sun on the meridian, the resulting lat. is 38°30' N.
	West bet. secs. 4 & 33, on resurvey line.
	Over gently rolling land through sagebrush.
8.65	Road, Milford to Beaver Lake Mts. bears N35°W & S35°E.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S33 on N half; S4 on S half; raise a mound of stone 2 ft. base, 1½ ft. high, N of cor. Pits impracticable.
47.80	Road to Beaver Lake Mts bears N & S.
58.00	Mouth of draw drains S70°E; enter mountainous land bears N & S.
75.50	Spur 100 ft. above draw prof. S70°E.
80.00	Set an iron post 3 ft. long, 3 in. diam. 24 in.

Resurvey of North Boundary of T 27 S R 11 W.

Trains in ground for cor. of secs. 4, 5, 32 & 33 marked on brass cap
T 26 S S 32 in NW
R 11 W S 33 in NE
R 11 W S 4 in SE
T 27 S S 5 in SW, quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor. ✓
Pits impracticable. ✓
E 58.00 chs. gently rolling bench land, E slope.
Soil, light poor sandy loam, mixed with stones & gravel, coarse texture, dry, on gravel subsoil.
W 22.00 chs. rolling mountainous land, stony & gravelly.
No timber. Undergrowth, sagebrush

May 20. 1911. At 1 h 56 m. p. m. l. m. t. I set off 38°30' on the lat. arc; 19°54' N on the decl. arc; and determine a meridian with the solar at the cor. of secs. 4, 5, 32 & 33.
Thence I run
West bet. secs. 5 & 32, on resurvey line.
Over rolling stony mountainous land.
0.75 Draw, 30 ft. below sec. cor. drains S 70° E.
26.00 Spur 325 ft. above draw proj. S 70° E.
39.00 Enter scattering scrubby cedar timber, bears N 10° E & S 10° W.
39.75 Draw 225 ft. below spur drains S 40° E.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 32 on N half; S 5 on S half; from which
A cedar tree, 8 in. diam bears N 17°30' W, 74 lks. dist. marked ¼ S 32 B T
A cedar tree 9 in. diam. bears S 9° W, 35 lks. dist. marked ¼ S 5 B T ✓
Thence ascend along S. slope.
71.00 Spur 280 ft. above draw. proj. S 30° E.
79.00 Small draw 100 ft. below spur drains S 50° E.

Resurvey of North Boundary of T 27 S R 11 W.

chains	
80.00	Set an iron post 3 ft. long 3 in. diam. 24 in. in ground for cor. of secs. 5, 6, 31 & 32 marked on brass cap T 26 S S 31 in NW R 11 W S 32 in NE R 11 W S 5 in SE T 27 S S 6 in SW, quadrant; from which A cedar tree 9 in. diam bears N 41° E, 43 lks. dist. marked T 26 S R 11 W S 32 B T A cedar tree 11 in. diam. bears S 59° E, 44 lks. dist. marked T 27 S R 11 W S 5 B T A cedar tree 10 in. diam. bears S 49° W 54 lks. dist. marked T 27 S R 11 W S 6 B T A cedar tree 8 in. diam. bears N 65° W, 55 lks. dist. marked T 26 S R 11 W S 31 B T. Land, rolling stony mountainous. Slopes & ridges, light poor sandy loam mixed with gravel & stones; valleys, light poor sandy loam with some gravel, on gravel subsoil. Timber; scrubby cedar.
	West on resurvey line bet. secs. 6 & 31. Over mountainous land, through scattering cedar timber, ascend.
3.00	Spur 90 ft. above sec. cor. proj. S 40° E
7.20	Draw 120 ft. below spur drains S 30° E.
22.35	Spur 150 ft. above draw proj. S 45° E.
30.85	Draw 125 ft. below spur drains S 50° E.
40.00	Set an iron post 3 ft. long 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 31 on N half; S 6 on S half; from which A cedar tree 6 in. diam. bears S 44° E, 28 lks. dist. marked 1/4 S 6 B T A cedar tree 7 in. diam bears N 32° W, 27 lks. dist. marked 1/4 S 31 B T
53.00	Ridge 550 ft. above draw bears N & S.
64.00	Draw 350 ft below ridge drains S.

Resurvey of North Boundary T27S R11W.

chains

76.00 Spur 150 ft. above draw proj. S10°W.
82.27 Intersect Guide Meridian, or W. bdy. 9.34 chs. N. of cor. of Tps 26 & 27S, Rs 11 & 12 W.
Set an iron post 3 ft. long 3 in. diam, 24 in. in ground for closing cor. of Tps. 26 & 27S R11W marked on brass cap
T26S on N. half
T27S on S half
CC R12W S1 S36 on W half
R11W S31 in NE
S 6 in SE, quadrant; from which
A cedar tree 8 in. diam. bears
N57°E, 1.09 chs. dist. marked
CC T26S R11W S31 B T
A cedar tree 8 in. diam. bears
S80° E, 37 lks. dist. marked
CC T27S R11W S6 B T
I destroy marks on cor. of Tps. 26 & 27S Rs 11 & 12 W pertaining to Tps 26 & 27S R11W.
Land, broken mountainous.
Soil, light poor sandy loam, mixed with stones & gravel; subsoil, gravel & stone.
Timber, scrubby cedar.

May 20, 1911.

Boundaries of T27S R11W.

Latitudes, Departures and Closing Errors.

Line Designated	True Bearing	Dist.	Latitudes N	Latitudes S	Departures E	Departures W
S Bdy sec 36	N89°50'W	80.98	24			80.9
S Bdy sec. 35	N89°35'W	80.64	59			80.6
S Bdy sec 34	S89°55'W	81.00		12		81.0
S Bdy secs. 31, 32 & 33	West	240.07				240.
Guide Meridian	North	483.50	483.50			
North Boundary	East	482.27			482.27	
East Boundary	S0°05'W	483.62		483.62		.7
Convergency					.57	
			484.33	483.74	482.84	483.
			483.74			482
		Error in lat.	.59		Error in dept.	

Subdivision of T27S R11W

Chains	
	Survey commenced May 23, 1911 & executed with a W & L. E Gurley light mountain transit, no number, with solar attachment. For full description of instrument see Book A.
	Knowing my instrument is in perfect adjustment from recent Polaris observations.
	Portions of the South boundary deviates from a true East & West line more than 21' of arc, I subdivide from North to South and from East to West according instructions letter May 22, 1911.
	May 23, 1911. At 7h 56m a. m. l. m. t. I set off 38°30' on the lat. arc; 20°27' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 1, 2, 35 & 36 on N. bdy. of Tp.
	Thence I run
	S 0°04' W bet. secs. 1 & 2.
	Over gently rolling land through yellowtop.
5.35	Leave yellowtop; enter white sage bears N 60° E & S 60° W.
11.70	Wash 2 ft. deep, 8 lks. wide drains S 80° E.
17.90	Leave white sage; enter yellowtop bears S 70° E & N 70° W.
25.00	Leave yellow top; enter shadscale bears S 80° E & N 80° W.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 2 on W half; S 1 on E half; dig pits 18 x 18 x 12 in. N & S of post 3 ft. dist; & raise a mound of earth 3/2 ft. base, 1/2 ft. high, W of cor. ✓
46.25	Old wood road bears N 70° E & S 70° W.
69.00	Leave shadscale; enter sagebrush bears E & W.
80.00	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 1, 2, 11 & 12, marked on brass cap
	T 27 S S. 2 in NW
	R 11 W S 1 in NE
	S 12 in SE
	S 11 in SW, quadrant; dig pits 18 x 18 x 12 in.

Subdivision of T 27 S R 11 W

Chains	
	in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor. ✓
	Land, gently rolling bench sloping E.
	Soil, good brown sandy loam 8 to 18 in. deep medium texture, dry, clay subsoil.
	Growth of yellowtop, white sage, sagebrush & shadscale.
	No timber. ✓
	East on random line bet. secs. 11 & 12.
40.00	Set temp ¼ sec. cor.
79.88	Intersect E. bdy. of Tp 5 lks. N. of cor. of secs. 11 & 12 heretofore described. Thence I run N 89° 58' W on true line bet. secs. 11 & 12.
	Over gently rolling bench land through small sagebrush.
18.90	Leave sagebrush; enter shadscale bears N 10° E & S 10° W.
39.94	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 1 on N half; S 12 on S half; dig pits 18 x 18 x 12 in E & W of post, 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, N of cor.
42.00	Leave shadscale; enter rabbitbrush bears N & S.
50.00	Low spur 30 ft. high proj. S 20° E.
52.90	Leave rabbitbrush; enter sagebrush bears N & S.
54.90	Wash 4 ft. deep, 10 lks. wide drains S 50° E.
79.88	The cor. of secs. 1, 2, 11 & 12.
	Land, gently rolling bench, E slope.
	Soil, good brown sandy loam, 6 to 16 in. deep medium texture, dry, clay subsoil.
	Growth of sagebrush, shadscale & rabbitbrush.
	No timber. ✓
	S 0° 04' W bet. secs. 11 & 12
	Over gently rolling land through sagebrush.
11.75	Wood road bears E & W
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 11 on W half; S 12 on E half; dig pits

Subdivision of T 27 S R 11 W

Chains	
	18 x 18 x 12 in. N & S of post, 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high W of cor.
62.50	Leave sagebrush: enter shadscale bears N 80° E & S 80° W.
66.25	Old wood road bears N 45° W & S 45° E.
80.00	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 11, 12, 13 & 14 marked on brass cap T 27 S S 11 in NW R 11 W S 12 in NE S 13 in SE S 14 in SW, quadrant; dig pits 18 x 18 x 12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor. Land, gently rolling bench, E slope. Soil, good brown sandy loam, 10 to 30 in. deep, medium texture, dry, clay & sand subsoil Growth of sagebrush & shadscale. No timber. ✓ May 23, 1911. At this cor. I set off 20° 29' N on the decl. arc; and at 11 h 56 m. l. m. t. observe the sun on the meridian the resulting lat. is 38° 29' N.
	S 89° 58' E on random line bet. secs. 12 & 13.
40.00	Set temp ¼ sec. cor. ✓
79.90	Intersect E. bdy of Tp. 5 lks. S of cor. of secs. 12 & 13. heretofore described. Thence I run West on true line bet. secs. 12 & 13. Over gently rolling bench land through sagebrush.
12.40	Wood road bears N 45° E & S 45° W.
39.95	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 12 on N half; S 13 on S half; dig pits 18 x 18 x 12 in. E & W of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, N of cor. ✓
51.40	Leave sagebrush: enter shadscale bears N 30° E & S 30° W.
55.05	Wood road bears N 40° E & S 40° W.

Subdivision of T 27 S R 11 W

Chains.

70.15 Wood road bears N 40° W & S 40° E.
79.90 The cor. of secs. 11, 12, 13 & 14.
Land, gently rolling bench, E slope.
Soil, good brown sandy loam, two to three ft. deep, medium texture, dry, sand and clay subsoil.
Growth of sagebrush & shadscale.
No timber.

May 23, 1911. At 1 h 56 m. p.m. l. m. t. I set off 38° 29' on the lat. arc; 20° 30' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 11, 12, 13 & 14.
Thence I run
S 0° 04' W bet. secs. 13 & 14.
Over gently rolling bench land through shadscale.
3.00 Leave shadscale; enter sagebrush bears E & W.
38.45 Wood road bears N 40° E & S 40° W.
40.00 Set an iron post 3 ft. long 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 14 on W half; S 13 on E half; dig pits 18 x 18 x 12 in. N & S of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor.
70.00 Enter plowed ground bears E & W.
72.80 Wood road bears N 45° E & S 45° W.
80.00 Set an iron post 3 ft. long 2 in. diam. 24 in. in ground for cor. of secs. 13, 14, 23 & 24 marked on brass cap T 27 S S 14 in NW
R 11 W S 13 in NE
S 24 in SE
S 23 in SW. quadrant; dig pits 18 x 18 x 12 in. in each sec. 5 1/2 ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high W of cor.
Land, gently rolling bench, NE slope.
Soil, brown sandy loam, 4 to 12 in. deep medium texture, dry, gravel subsoil.
Growth of shadscale & sagebrush.
No timber.

Subdivision of T. 27 S. R. 11 W.

East on random line bet. secs. 13 & 24.
40.00 Set temp. 1/4 sec. cor.
50.14 Intersect E. bdy. of Tp. 3 lks. N. of cor. of secs. 13 & 24 heretofore described. Thence I run
N 89° 59' W on true line bet. secs. 13 & 24
Over gently rolling land through sagebrush.
29.80 Road, Old Hickory to Beaver Bottoms bears N 60° E & S 60° W.
40.07 Set an iron post 3 ft. long, 1 in. diam. 2 ft. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 13 on N. half; S 24 on S. half; dig pits 18 x 18 x 12 in. E & W of post, 3 ft. dist.; & raise a mound of earth 3/2 ft. base, 1/2 ft. high W of cor.
78.29 Enter plowed ground bears N & S.
80.14 The cor. of secs. 13, 14, 23 & 24.
Land, gently rolling bench, NE slope.
Soil, brown sandy loam, 4 to 10 in. deep, medium texture, dry, sand & gravel subsoil.
Growth of sagebrush.
No timber.

May 23, 1911.

May 24, 1911. At 8 h. 11 m. a. m. l. m. t. I set off 38° 28' on the lat. arc; 20° 39' N on the decl. arc; & determine a meridian with the sun at the cor. of secs. 13, 14, 23 & 24.
Thence I run
S 0° 04' W bet. secs. 23 & 24.
Over gently rolling bench land through plowed ground.
12.50 Leave plowed ground enter chaparral bears E & W.
23.60 Road, Old Hickory to Beaver Bottoms bears N 70° E & S 70° W.
36.00 Foot of low bench bears E & W
40.00 Set an iron post 3 ft. long, 1 in. diam. 2 ft. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 23 on W half; S 24 on E half; dig pits 18 x 18 x 12 in. N & S of post, 3 ft. dist.; & raise a mound of earth 3/2 ft. base 1/2 ft. high W of cor.

Subdivision of T27S R11W.

Chains.	
41.00	Leave shadscale; enter sagebrush bears N80° W & S80° E.
41.50	Top of bench bears E & W.
80.00	Set an iron post 3 ft long, 2 in. diam. 24 in. in ground for cor. of secs. 23, 24, 25 & 26 marked on brass cap T27S S23 in NW R11W S24 in NE S25 in SE S26 in SW, quadrant; dig pits 18X18X12 in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor. ✓ Land, gently rolling bench, E slope. Soil, brown sandy loam 4 to 12 in. deep, medium texture, dry, clay & gravel subsoil. Growth of shadscale & sagebrush. No timber. ✓
	S89°59' E on random line bet. secs. 24 & 25.
40.00	Set temp ¼ sec. cor.
80.18	Intersect E bdy. of Tp. 7 lks. N of cor. of secs. 24 & 25. heretofore described. Thence I run N89°57' W on true line bet. secs. 24 & 25 Over gently rolling bench land through sagebrush
32.55	Enter plowed ground bears N & S.
40.09	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S24 on N half; S25 on S half; dig pits 18X18X12 in E & W of post, 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, N of cor.
51.38	Leave plowed ground bears N & S.
61.20	E bank of draw bears N30° E & S30° W.
65.70	Foot of E bank of draw bears N30° E & S30° W.
69.75	Wash 5 ft. deep 40 lks. wide drains N30° E
72.20	Foot of W bank of draw bears N30° E & S30° W.
80.18	The cor. of secs. 23, 24, 25 & 26 Land, gently rolling bench, NE slope Soil, good brown sandy loam, 6 to 18 in deep medium texture, dry, clay subsoil. Growth of sagebrush. No timber. ✓

Subdivision of T27SR11W

Chains.	
	S 0°04' W bet. secs. 25 & 26.
	Over gently rolling bench land through sage-brush.
14.50	N bank of draw bears N 30° E & S 30° W.
16.25	Foot of bank of draw bears N 30° E & S 30° W.
17.80	Wash 5 ft. deep, 30 lks wide drains N 30° E.
22.75	Foot of bank of draw drains S 40° W.
24.80	S bank of draw bears N 30° E & S 30° W.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 26 on W half; S 25 on E half; dig pits 18 x 18 x 12 in. N & S of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor. ✓
42.50	Road, Milford to Old Hickory bears N 40° W & S 40° E
80.00	Set an iron post 3 ft. long, 2 in diam. 24 in. in ground for cor. of secs. 25, 26, 35 & 36 marked on brass cap T27SS26 in NW R11WS25 in NE. S36 in SE S35 in SW, quadrant; dig pits 18 x 18 x 12 in. in each sec. 5 1/2 ft. dist; & raise a mound of earth 4 ft. base 2 ft. high, W of cor. ✓ Land, gently rolling bench; NE slope. Soil, good brown sandy loam, 6 to 15 in. deep medium texture, dry, on clay subsoil. Growth of sagebrush. No timber. ✓ May 24, 1911. At this cor. I set off 20° 41' N on the decl. arc; and at 11 h 57 m. l. m. t. observe the sun on the meridian, the resulting lat. is 38° 26' N.
	S 89° 57' E on random line bet. secs. 25 & 36.
40.00	Set temp 1/4 sec. cor.
79.94	Intersect E. bdy. of Tp. 5 lks. S. of cor. of secs. 25 & 36. heretofore described. Thence I run
	N. 89° 59' W on true line bet. secs. 25 & 36.
	Over gently rolling bench land through sagebrush.

Subdivision T27S R11W

Chains.

0.10 Enter plowed ground bears N. & S.
7.55 Leave same, bears N. & S.
10.00 Foot of low bench bears N & S
12.50 Top of bench 15 ft. high bears N & S.
39.97 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S25 on N half; S36 on S half; dig pits 18x18x12 in E & W of post, 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, N of cor. ✓
47.70 Road, Milford to Old Hickory Mines bears N 40° W & S 40° E.
79.94 The cor. of secs. 25, 26, 35 & 36.
Land, gently rolling bench; NE slope.
Soil, good brown sandy loam 6 to 14 in. deep medium texture, dry, clay subsoil.
Growth of sagebrush.
No timber.

May 24 1911. At 2 h 57 m. p.m. l. m. t. I set off 38° 26' on the lat. arc; 20° 42' N on the decl. arc, & determine a meridian with the solar at the cor. of secs. 25, 26, 35 & 36.
Thence I run
S 0° 04' W bet. secs. 35 & 36.
Over gently rolling bench land through sagebrush.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S35 on W half; S36 on E half; dig pits 18x18x12 in N & S of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor. ✓
64.00 Low sand ridge bears E & W.
83.43 Intersect S. bdy. of Tp. 1.09 chs. S 89° 59' E. of cor. of secs. 1, 2, 35 & 36, before described.
Set an iron post 3 ft. long 2 in. diam. 24 in. in ground for closing cor. of secs. 35 & 36 marked on brass cap,
CC T28S R11W S162 on S half
T27S S35 in NW
R11W S36 in NE, quadrant dig pits 24x
x15x

Subdivision of T27SR11W

Chains.	18x12 in. crosswise on line E & W 3 ft; & N of post, 7 ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, N of cor.
	I destroy all marks on cor. of secs. 1, 2, 35 & 36 that pertain to secs. 35 & 36.
	Land, gently rolling bench, E slope.
	Soil, good brown sandy loam, 6 to 18 in. deep medium texture, dry, clay subsoil
	Good growth of sagebrush.
	No timber.
	May 24, 1911.
	May 25, 1911. At 7h 54m a.m. l.m.t. I set off 38°30' on the lat arc; 20°50' N on the decl. arc; and determine a meridian with the solar at the cor. of secs. 2, 3, 34 & 35 on N bdy. of Tp. heretofore described. Thence I run
	S 0°04' W bet. secs. 2 & 3.
	Over gently rolling land through white sage.
1.10	Road Milford to Beaver Lake Mountains bears N 15° W & S 15° E.
8.00	Leave white sage; enter shadscale & small sagebrush bears S 60° W & N 60° E.
36.35	Wash 5 ft. deep, 20 lks. wide drains N 60° E.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S3 on W half; S2 on E half; dig pits 18x18x12 in. N & S of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W of cor.
46.20	Wash 6 ft. deep 15 lks. wide drains N 80° E.
68.70	Wood road bears N 80° E & S 80° W.
71.00	Wood road bears S 80° E & N 80° W.
80.00	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 2, 3, 10 & 11 marked on brass cap
	T27S S3 in NW
	R11W S2 in NE
	S11 in SE
	S10 in SW, quadrant; dig pits 18x18x12 in. in each sec. 5 1/2 ft. dist; & raise a mound

Subdivision of T27S R11W.

Chains.	
	of earth 4 ft. base 2 ft. high. W of cor. ✓ Land, gently rolling bench, E slope. Soil, good brown sandy loam, 6 to 20 in deep; fine texture, dry, clay subsoil. Growth of sagebrush, white sage & shadscale. No timber. ✓
	East on random line bet. secs. 2 & 11.
40.00	Set temp 1/4 sec. cor.,
80.06	Intersect N & S line 3 lks. S. of cor. of secs. 1, 2, 11 & 12. Thence I run S 89°59' W on true line bet. secs. 2 & 11. Over gently rolling bench land sloping E, through small sagebrush.
40.03	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground, for 1/4 sec. cor. marked on brass cap 1/4 S2 on N half; S11 on S half; dig pits 18 X 18 X 12 in. E & W of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high. N of cor. ✓
45.00	Wood road bears N 70° W & S 70° E.
59.00	Road, Milford to Beaver Lake Mountains bears N 15° W & S 15° E.
66.00	Foot of low bench bears N & S.
68.00	Top of same 15 ft. high bears N & S.
80.06	The cor. of secs. 2, 3, 10 & 11. Land, gently rolling bench. Soil, good brown sandy loam, 6 to 14 in. deep medium texture, dry, clay subsoil. Growth of small sagebrush. No timber. ✓
	S 0°04' W bet. secs. 10 & 11. Over gently rolling bench land through small sagebrush.
27.50	Wood road bears N 60° W & S 60° E.
30.90	Enter plowed ground bears E. 12 chs and W. 1 ch.
33.50	Leave same, bears E & W.
35.40	Road, Milford to Beaver Lake Mountains bears N 30° W & S 30° E.

Subdivision of T27SR11W

Chains.	
40.00	Set an iron post 3 ft. long 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S10 on W half; S11 on E half; dig pits 18X18X12 in. N & S of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor. ✓ May 25, 1911. At this cor. I set off 20°52' N on the decl. arc; and at 11 h 57 m. l. m. t. observe the sun on the meridian, the resulting lat. is 38°29' N.
80.00	Set an iron post 3 ft. long 2 in. diam. 24 in. in ground for cor. of secs. 10, 11, 14 & 15, marked on brass cap T27S S10 in NW R11W S11 in NE S14 in SE S15 in SW, quadrant; dig pits 18X18X12 in. in each sec. 5 1/2 ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high W of cor. ✓ Land, gently rolling bench sloping E. Soil, good brown sandy loam, 4 to 18 in. deep, medium texture, dry, clay subsoil. Growth of small sagebrush. No timber ✓
	N 89°59' E on random line bet. secs. 11 & 14.
40.00	Set temp 1/4 sec. cor.
79.98	Intersect N & S line 7 lks N. of cor. of secs. 11, 12, 13, & 14. May 25. 1911. At 1 h 57 m. p. m. l. m. t. I set off 38°29' on the lat. arc; 20°53' N on the decl. arc; and determine a meridian with the solar at the cor. of secs. 11, 12, 13 & 14. Thence I run N 89°58' W on true line bet. secs. 11 & 14 Over gently rolling land through shadscale.
13.90	Foot of bench bears N & S.
19.00	Top of bench, 50 ft. high bears N & S.
28.60	Road Milford to Beaver Lake Mountains bears N & S
29.00	Foot of ascent bears N 40° W & S 40° E.

Subdivision of T27S R11W.

Chains	
39.99	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S11 on N half; S14 on S half; raise a mound of stone 2 ft. base, 1½ ft. high, N of cor. Pits impracticable. ✓
44.25	Top of Rocky Knoll, 500 ft. high.
58.00	Foot of descent bears N & S
59.50	Road, Milford to Beaver Lake Mountains bears N 30° W & S 30° E.
73.40	Top of small rocky knoll, 75 ft. high.
74.35	Leave shadscale; enter small sagebrush N & S.
79.98	The cor. of secs. 10, 11, 14 & 15.
	E 13.29 chs & W 6.00 chs. gently rolling bench land, E slope.
	Soil, sandy loam 4 to 20 in. deep, medium texture dry, clay & sand subsoil.
	The bal. of the mile is broken & hilly. Knolls & slopes, stony; valleys, light sandy loam mixed with gravel & stones; subsoil gravel & stone
	Growth of shadscale & small sagebrush. No timber ✓
	S 0° 04' W bet. secs. 14 & 15
	Over gently ascending bench, E slope.
10.00	Foot of mountains, bears E & W, ascend.
26.50	Spur 250 ft. high proj. N 80° E.
32.00	Draw 100 ft. below spur drains E.
35.50	Spur 150 ft. above draw proj. E
39.00	Draw 75 ft. below spur drains E.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S15 on W half; S14 on E half; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor. Pits impracticable. ✓
44.25	Point of rocks 170 ft. above 1/4 sec. cor. proj. E.
50.50	Draw 110 ft. below point of rocks drains N 50° E.
59.00	Spur 225 ft. above draw proj. S 80° E.
70.50	Draw 200 ft. below spur drains S 70° E

Subdivision of T 27 S R 11 W.

Chains

79.50 Spur 175 ft. above draw proj. S 70° E.
80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 14, 15, 22 & 23, marked on brass cap
T 27 S S 15 in NW
R 11 W S 14 in NE
S 23 in SE
S 22 in SW, quadrant; from which
The stump of a pinion tree 10 in. diam. bears S 48° W, 1.38 chs. dist. marked
T 27 S R 11 W S 22 B T.
Raise a mound of stone 2 ft. base 1½ ft. high W of cor. Pits impracticable. ✓
From this cor. prospect bears S 37° 30' W. No 1.
Prospect bears S 26° 30' W. No 2.
Prospect bears S 20° 30' W. No 3.
N 10.00 chs. high gently rolling bench land & slope.
Soil, light poor sandy loam with some gravel, 4 to 8 in. deep, coarse texture, dry, gravel subsoil.
S 70.00 chs. broken & hilly.
Ridges & slopes very stony with small amount of sandy soil; valleys, light poor sandy loam mixed with gravel & stones; subsoil, porphyry & limestone.
No timber. ✓

May 25, 1911

May 26, 1911. At 7h 27m. a.m. l.m.t. I set off 38° 28' on the lat. arc; 21° 01' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 14, 15, 22 & 23.
Thence I run
S 89° 58' E on random line bet. secs. 14 & 23.
40.00 Set temp ¼ sec. cor.
80.10 Intersect N & S line 7 lks. N of cor. of secs. 13, 14, 23 & 24
Thence I run
N 89° 55' W on true line bet. secs. 14 & 23.
Over gently rolling land through plowed ground
1.55 Leave plowed ground; enter shadecale bears N & S.

Subdivision T27SR11W

Drains.

16.70 Road, Beaver River Bottoms to Old Hickory bears S40°W & N40°E.

25.25 Road, Milford to Beaver Lake Mountains bears N & S.

35.00 Foot of mountains bears N60°E & S60°W.

40.05 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S14 on N half; S23 on S half; raise a mound of stone 2 ft. base 1 1/2 ft. high, N of cor.
Pits impracticable. ✓

60.00 Mouth of draw drains S70°E.

75.00 Spur 400 ft. above draw proj. S70°E.

80.10 The cor. of secs. 14, 15, 22 & 23.
E 35.00 chs. gently rolling bench land, E slope
Soil, light poor sandy loam 4 to 8 in. deep gravelly, coarse texture, dry, gravel subsoil.
W 45.00 chs. broken & hilly.
Ridges & slopes very stony; valleys, light poor sandy loam mixed with gravel, subsoil, gravel & stone.
Growth of shadscale.
No timber. ✓

S 0°04' W bet. secs. 22 & 23.
Over broken stony mountainous land, descend abruptly.

11.10 Mouth of abandoned tunnel of iron prospect pits N.25°W

12.00 Leave dump for tunnel.

13.00 Draw 250 ft. below cor. drains S40°E.

25.25 Spur 125 ft. above draw proj. S60°E.

38.50 Frame bunk house.

40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S22 on W half; S23 on E half; raise a mound of stone 2 ft. base, 1 1/2 ft. high W of cor.
Pits impracticable. ✓
From this cor. the following buildings owned by Majestic Copper Mining & Smelting Co at Old Hickory Camp are as follows
N.E. cor. of Office Building bears N46°35'W, 2.66 chs. dist.

Subdivision of T 27 S R 11 W

Chains.	
	S E cor. of bunk house bears N 46°45' W, 4.89 chs. dist.
	S W cor. of dwelling bears S 23°40' E, 89 lks. dist.
	N E cor. of stable bears S 43° W, 4.78 chs. dist.
	N E cor. of kitchen bears S 88°15' W, 2.14 chs. dist.
	W. S. M. M. No 1 bears S 11° W.
40.40	Road, Milford to Old Hickory bears E & W.
41.00	Bottom of draw 200 ft. below spur drains E.
42.60	Track from tunnel bears E & W.
42.92	S E cor. of blacksmith shop.
43.50	Mouth of tunnel 70 lks. W.
45.35	Water tank 25 lks. W.
45.65	E end of S. P. L. A & S. L. Spur bears W.
47.30	Mouth of tunnel 25 lks. W.
49.25	Shaft 40 lks. W.
	W. end of engine house 20 lks. E
49.30	S W cor. of ore house bears N 51° W, 2.20 chs. dist.
50.00	Open cut 30 ft. wide, 1.00 ch. W.
52.82	Hoist at prospect bears S 65°40' E.
	Iron prospect bears S 70°30' E.
58.04	S W cor. of powder house bears S 87°30' E, 96 lks.
	Hoist at prospect bears N 54°50' E.
	Iron prospect bears S 86°30' E.
62.00	Spur 200 ft. above 1/4 sec. cor. proj. E.
78.00	Ridge 100 ft. below spur bears S 10° E & N 10° W.
80.00	Set an iron post 3 ft. long, 2 in. diam. 24 in.
	in ground for cor. of secs 22, 23, 26 & 27,
	marked on brass cap
	T 27 S S 22 in N W
	R 11 W S 23 in N E
	S 26 in S E
	S 27 in S W, quadrant; raise a mound of
	stone 2 ft. base, 1½ ft. high, W of cor.
	Pits impracticable. ✓
	Land, high broken mountainous.
	Ridges & slopes, washed & stony; valleys, light
	poor sandy loam, mixed with gravel & stones;
	subsoil, gravel & limestone
	No timber. ✓
	May. 26 1911. At this cor. I set off 21°02' N on the
	decl. arc; and at 11 h 57 m. l. m. t. observe the

Subdivision of T 27 S R 11 W

Chains.	
	run on the meridian, the resulting lat. is 38°27' N.
	S 89°55' E on random line bet. secs. 23 & 26.
40.00	Set temp 1/4 sec. cor.
80.08	Intersect N & S line 23 lks. S of cor. of secs. 23, 24, 25 & 26
	Thence I run
	S 89°55' W on true line bet. secs. 23 & 26.
	Over gently rolling bench land through sage brush.
14.00	Leave sagebrush; enter shadscale bears N 40° W & S 40° E.
35.75	Road, Milford to Old Hickory bears N 50° W & S 50° E.
40.04	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 23 on N half; S 26 on S half; dig pits 18 X 18 X 12 in. E & W of post, 3 ft. disk; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N of cor.
55.00	Leave shadscale; enter sagebrush bears N 10° E & S 10° W.
70.70	Foot of hills bears N & S, ascend.
	Leave sagebrush bears N & S.
78.70	Ridge 100 ft. high bears N 10° W & S 10° E.
80.08	The cor. of secs. 22, 23, 26, & 27.
	E 70.70 chs. gently rolling bench land, E slope.
	Soil, good brown sandy loam, 4 to 10 in. deep, fine texture, dry, clay subsoil.
	W 9.38 chs. small rocky ridge.
	No soil.
	No timber. Undergrowth, sagebrush & shadscale.
	May 26, 1911. At 2 h 27 m. p. m. l. m. t. I set off 38°27' on the lat. arc; 21°04' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 22, 23, 26 & 27.
	Thence I run
	S 0°04' W bet. secs. 26 & 27.
	Over stony mountainous land, descend along W. slope.

Subdivision of T27S R11W.

Chains.	
27.00	Begin abrupt descent bears E & W.
35.60	Wash in hollow drains E: leave mountainous land: enter sagebrush.
40.00	Set an iron post 3 ft. long 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S27 on W half; S26 on E half; raise a mound of stone 2 ft. base, 1 1/2 ft. high W of cor. Pits impracticable. ✓
70.25	Telegraph line, Milford to Frisco bears N42°30'W & S42°30'E.
71.00	S.P.L.A. & S.L.R.R. Milford to Frisco bears N 42°30'W & S42°30'E.
80.00	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor of secs. 26, 27, 34 & 35, marked on brass cap T27S S27 in NW R11W S26 in NE S 35 in SE S 34 in SW, quadrant; dig pits 18x18x12 in. in each sec. 5 1/2 ft. dist; & raise a mound of earth 4 ft. base 2 ft. high, W of cor. ✓ N 35.60 chs. broken & hilly & very stony. S 44.40 chs. gently rolling bench land, E slope. Soil, good brown sandy loam, 6 to 10 in. deep, fine texture, dry, clay subsoil. Good growth of sagebrush. No timber. ✓
	N 89°55'E on random line bet. secs. 26 & 35.
40.00	Set temp. 1/4 sec. cor.
80.00	Intersect N & S line 12 lks. N of cor. of secs. 25 26, 35 & 36. Thence I run West on true line bet. secs. 26 & 35 Over gently rolling bench land through sagebrush.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S26 on N half; S35 on S half; dig pits 18x18x12 in. E & W of post, 3 ft. dist; & raise a

Subdivision T 27 S R 11 W

Chains.	
	mound of earth 3½ ft. base, 1½ ft. high, No cor.
72.40	Telegraph line, Milford to Frisco bears N 33° 30' W & S 33° 30' E.
72.90	S. P. L. A. & S. L. R. R. Milford to Frisco bears N 33° 30' W & S 33° 30' E.
80.00	The cor. of secs. 26, 27, 34 & 35
	Land, gently rolling bench, E slope.
	Soil, good brown sandy loam, 2 to 3 ft. deep fine texture, dry, clay subsoil.
	No timber.
	May 26, 1911.
	May 29, 1911. At 3 h 57 m. p. m. l. m. t. I set off 38° 26' on the lat. arc; 21° 35' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 26, 27, 34 & 35.
	Thence I run
	S 0° 04' W. bet. secs. 34 & 35.
	Over gently rolling bench land through sagebrush.
22.30	N. bank of draw bears E & W.
26.00	Foot of N. bank of draw bears E & W.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 34 on W half; S 35 on E half; dig pits 18 x 18 x 12 in N & S of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor.
44.00	Small wash in draw drains E.
48.00	Foot of S. bank of draw bears E & W.
49.50	S. bank of draw drains E & W.
79.65	Road, Milford to Frisco bears N 65° W & S 65° E.
80.55	R. M. B. Telephone line bears N 65° 35' W & S 65° 35' E.
82.96	Intersect S bdy. of Tp. 1.59 chs. S. 89° 35' E. of cor. of secs. 2, 3, 34 & 35 heretofore described.
	Set an iron post 3 ft. long 2 in. diam. 24 in. in ground for closing cor. of secs. 34 & 35 marked on brass cap
	C C T 28 S R 11 W S 2 S 3 on S half
	T 27 S S 34 in NW

Subdivision T27S R11W

Chains: R11W S35 in NE, quadrant; dig pits 24x 18x12 in. crosswise on line, E&W 3 ft, & N of post 7 ft. dist; & raise a mound of earth 4 ft. base 2 ft. high N of cor.
I destroy all marks on cor. of secs. 2, 3, 34 & 35 that pertain to secs. 34 & 35.
Land, gently rolling bench, sloping E.
Soil, good brown clay loam, 6 to 12 in. deep medium texture, dry, clay subsoil.
No timber.

May 29, 1911.

May 27, 1911. At 7h 57m a.m. l.m.t. I set off 38°30' on the lat. arc; 21°½' N on the decl. arc; and determine a meridian with the solar at the cor. of secs. 3, 4, 33 & 34 on N. bdy. of Tp. heretofore described.
Thence I run
S 0°03' W bet. secs 3 & 4.
Over gently rolling bench land through sagebrush.

6.55 Road, Milford to Beaver Lake Mountains bears, N. 45° W & S 45° E.

30.00 Road, Frisco to Smiths, bears N 50° E & S 50° W

40.00 Set an iron post 3 ft. long 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 4 on W half; S 3 on E half; dig pits 18x18 x12 in. N & S of post, 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor.

80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 3, 4, 9 & 10 marked on brass cap T27S S4 in NW
R11W S3 in NE
S10 in SE
S9 in SW, quadrant; dig pits 18x18x12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor.
Land, gently rolling bench, E slope.
Soil, good sandy loam, with some gravel, 4 to 12 in. deep; coarse texture, dry, clay & gravel subsoil.
Good growth of sagebrush.

Subdivision T27SR11W

Chains.	
	No timber.
	East on random line bet. secs. 3 & 10
40.00	Set temp 1/4 sec. cor.
80.02	Intersect N & S line 5 lks. S of cor. of secs. 2, 3, 10 & 11.
	Thence I run
	S 89° 58' W on true line bet. secs. 3 & 10.
	Over gently rolling bench land through sagebrush.
15.15	Road, Milford to Beaver Lake Mountains bears N 40° W & S 40° E.
39.80	Wood road bears N 60° E & S 60° W.
40.01	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 3 on N half; S 10 on S half; dig pits 18 x 18 x 12 in. E & W of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N of cor.
63.50	Wash 3 ft. deep, 30 lks. wide, drains N 40° E.
80.02	The cor. of secs. 3, 4, 9 & 10.
	Land, gently rolling bench, NE slope.
	Soil, good sandy loam, 6 to 14 in. deep, medium texture, dry, clay subsoil.
	Good growth of sagebrush.
	No timber.
	S 0° 03' W bet. secs. 9 & 10.
	Over gently rolling land through sagebrush.
7.65	Wood road bears N 80° W & S 80° E.
12.50	Wood road bears N 70° E & S 70° W.
12.80	Wood road bears S 70° E & N 70° W.
21.15	Wash 5 ft. deep, 40 lks. wide drains N 40° E.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 9 on W half; S 10 on E half; dig pits 18 x 18 x 12 in. N & S of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor.
	From this cor. a deserted cabin bears S 32° W.
80.00	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 9, 10, 15 & 16 marked on brass cap

Subdivision T27S R11W

Chains	
	T27S S9 in NW R11W S10 in NE S15 in SE S16 in SW, quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor. Pits impracticable. From this cor. deserted cabin bears N47°10'W. Land, gently rolling bench, N.W. slope. Soil, good brown sandy loam with some gravel 5 to 16 in. deep, medium texture, dry, clay and gravel subsoil. Good growth of sagebrush. No timber. May 27, 1911. At this cor. I set off 21°13' N on the decl. arc; and at 11 h 57 m. l. m. t. observe the sun on the meridian, the resulting lat. is 38° 29' N.
	N89°58'E on random line bet. secs. 10 & 15
40.00	Set temp ¼ sec. cor.
80.04	Intersect N & S line 5 lks. S. of cor. of secs. 10, 11, 14 & 15
	Thence I run
	S89°56'W on true line bet. secs. 10 & 15
	Over gently rolling land through sagebrush, ascend.
20.00	Foot of mountains, begin abrupt ascent.
34.40	Top of rocky spur 500 ft. above sec. cor. prof. N10'E.
40.02	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S10 on N half; S15 on S half; raise a mound of stone 2 ft. base, 1½ ft. high, N of cor. Pits impracticable.
40.15	Draw 200 ft. below spur drains N15°E.
48.80	Saddle in ridge 110 ft. above draw, bears N & S.
70.00	Foot of abrupt descent, thence gentle descent bears N & S.
80.04	The cor. of secs. 9, 10, 15 & 16.
	E 20.00 chs. high bench land, E slope.
	Soil, sandy loam, with some gravel, 6 to 8 in

Subdivision T 27 S R 11 W

Insins. deep, gravel subsoil.
W 60.04 chs. broken & hilly.
Slopes & ridges broken & stony except W 10.00 chs which is sandy loam with some gravel, gravel subsoil.
No timber. Undergrowth, sagebrush.

May 27, 1911. At 2h 57m. p. m. l. m. t. I set off 38°29' on the lat. arc; 21°14' N on the decl. arc; and determine a meridian with the solar at the cor. of secs. 9, 10, 15 & 16.
Thence I run
S 0°03' W bet. secs. 15 & 16.
Along foot hills on W slope through sagebrush ascend gently.

13.00 Spur 100 ft. above sec. cor. prog. W.
15.60 Small draw 65 ft. deep drains W.
20.00 Spur 100 ft. above draw prog. N 80° W.
27.50 Leave foot hills bears N 80° W & S 80° E, thence gentle descent.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 16 on W half; S 15 on E half; dig pits 18 x 18 x 12 in. N & S of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high W of cor.
80.00 Set an iron post 3 ft. long 2 in. diam. 24 in. in ground for cor. of secs. 15, 16, 21 & 22 marked on brass cap
T 27 S S 16 in NW
R 11 W S 15 in NE
S 22 in SE
S 21 in SW, quadrant; dig pits 18 x 18 x 12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high. W of cor.
N 27.50 chs. rolling mountainous land.
Soil, sandy loam with some gravel, coarse texture, dry, gravel subsoil.
S 52.00 chs. gently rolling bench land, W slope
Soil, good brown clay loam, 6 to 20 in. deep fine texture, dry, clay subsoil.

Subdivision T 27 S R 11 W.

Chains.	No timber; good growth of sagebrush.
	From this cor. deserted frame cabin No 1 bears S 67° 30' E.
	Prospect No 4 bears S 72° 30' E
	Prospect No 5 bears S 65° 45' E.
	Prospect No 6 bears S 63° 40' E.
	Prospect No 7 bears S 53° 20' E.
	Deserted cabin No 2 bears N 73° 30' W.
	N 89° 56' E on random line bet. secs. 15 & 22.
40.00	Set temp 1/4 sec. cor.
80.00	Intersect N & S line qlks. N of cor. of secs. 14, 15, 22 & 23.
	Thence I run
	West on true line bet. secs. 15 & 22.
	Over broken stony mountainous land, ascend. gently along steep S slope.
5.60	Prospect No 1 bears S 21° 30' W
	Prospect No 2 bears S 12° W.
	Prospect No 3 bears S 7° 30' W.
6.40	Ridge 750 ft. above sec. cor. bears N & S.
20.25	Draw 300 ft below ridge drains S 75° W.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 15 on N half; S 22 on S half; & raise a mound of stone, 2 ft. base, 1 1/2 ft. high, N of cor.
	Pits impracticable.
	From this cor. deserted cabin No 1 bears S 22° 10' W.
	Prospect No 4 bears S 29° E.
	Prospect No 5 bears S 15° E
	Prospect No 6 bears S 29° 30' W.
	Prospect No 7 bears S 33° W.
44.50	Point of rocky spur proj. S 70° W.
49.00	Leave mountainous land; enter rolling bench land & sagebrush bears N 70° E & S 70° W.
80.00	The cor. of secs. 15, 16, 21 & 22.
	E 49.00 chs. broken and hilly.
	Ridges, poor stony loam, washed; slopes washed & stony; valleys, sandy loam, clay and gravel subsoil.
	W 31.00 chs. gently rolling bench land S slope

Subdivision T27S R11W.

Chains.	
	Soil, good brown clay loam 6 to 20 in. deep fine texture, dry, clay subsoil. Good growth of sagebrush. No timber.
	May 27, 1911.
	May 29, 1911. At 7h 27m a. m. l. m. t. I set off 38° 28' N on the lat. arc; 21° 32' N on the decl. arc; and determine a meridian with the solar at the cor. of secs. 15, 16, 21 and 22.
	Thence I run
	S 0° 03' W bet. secs. 21 & 22.
	Over gently rolling bench land, S slope, through sagebrush.
5.60	Wood road bears N 60° W & S 60° E.
30.35	Road to Q. K. Mine bears NW & SE.
37.50	Wash 7 ft. deep, 20 lks wide drains S 70° E.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 21 on W half; S 22 on E half; dig pits 18 x 18 x 12 in. N & S of post 3 ft. dist; & raise a mound of earth 3/2 ft. base, 1/2 ft. high W of cor.
80.00	Set an iron post 3 ft. long, 2 in. diam. 24 in in ground for cor. of secs. 21, 22, 27 & 28, marked on brass cap
	T 27 S S 21 in NW
	R 11 W S 22 in NE
	S 27 in SE
	S 28 in SW, quadrant; dig pits 18 x 18 x 12 in. in each sec. 5/2 ft. dist; & raise a mound of earth 4 ft. base 2 ft. high W of cor.
	Land, high rolling bench, SE slope.
	Soil, good brown clay loam, 1 to 3 ft. deep fine texture, dry, clay subsoil.
	Good growth of sagebrush.
	No timber.
	East on random line bet. secs. 22 & 27.
40.00	Set temp. 1/4 sec. cor.

Subdivision T27S R11W.

Chains	
80.21	Intersect N & S line 12 lks. S. of cor. of secs. 22, 23, 26 & 27.
	Thence I run
	S 89° 55' W on true line bet. secs. 22 & 27.
	Over stony mountainous land.
4.00	Leave mountainous land; enter bench land & sagebrush bears N & S
22.75	Wash 6 ft. deep, 20 lks. wide trans S 20° E.
40.10	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 22 on N half; S 27 on S half; dig pits 18 X 18 X 12 in. E & W of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, N of cor. ✓
	U. S. M. M. No 1 bears N 60° 35' E
42.70	R. M. B. Telephone line to Old Hickory Mine bears N 32° 30' E & S 32° 30' W.
44.50	Road to Old Hickory bears N 35° E & S 35° W.
63.90	S. P. L. A & S. L. Spur to Old Hickory Mine bears N 29° E & S 29° W.
80.21	The cor. of secs. 21, 22, 27 & 28.
	E 4.00 chs. stony slope.
	W 76.21 chs. gently rolling bench land, E slope.
	Soil, good brown clay loam, 6 to 36 in. deep fine texture, dry, clay subsoil.
	Good growth of sagebrush.
	No timber ✓
	S 0° 03' W bet. secs. 27 & 28.
	Over gently rolling bench land through sagebrush.
15.15	Telegraph line, Milford to Frisco, bears N 57° 30' W & S 57° 30' E.
15.70	S. P. L. A. & S. L. R. R. Milford to Frisco bears N 57° 30' W & S 57° 30' E.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 28 on W half; S 27 on E half; dig pits 18 X 18 X 12 in. N & S of post, 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor. ✓
40.20	Enter plowed ground bears N 45° W & ~~trace~~ S. 45° E about 5 chs.

Subdivision T 27 S R 11 W.

Chains.

45.40 Leave same bears N 45° W & S 45° E.
59.00 R. M. B. Telephone line to Old Hickory Mine bears N 32° 30' E, & S 32° 30' W.
68.00 N, bank of draw bears N 40° W & S 40° E.
73.60 Road to Old Hickory bears N 30° E & S 30° W.
76.00 Foot of bank of draw bears N 40° W & S 40° E.
80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs 27, 28, 33 & 34 marked on brass cap

T 27 S S 28 in NW
R 11 W S 27 in NE
S 34 in SE
S 33 in SW, quadrant; dig pits 18 x 18 x 12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor.

Land, high bench, & slope.
Soil, good brown clay loam, 4 to 20 in. deep fine texture, dry, clay subsoil.
Growth of sagebrush.
No timber.
May 29, 1911. At this cor. I set off 21° 33' N on the decl. arc; & at 11 h 57 m. l. m. t. observe the sun on the meridian, the resulting lat. is 38° 26' N.

N 89° 55' E on random line bet. secs 27 & 34.
40.00 Set temp ¼ sec. cor.
80.14 Intersect N & S line 19 lks. N. of cor. of secs. 26, 27 34 & 35.
Thence I run
N 89° 37' W on true line bet. secs. 27 & 34.
Over gently rolling bench land through sagebrush.
40.07 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 27 on N half; S 34 on S half; dig pits 18 x 18 x 12 in. E & W of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high N of cor.
65.00 Top of N bank of draw bears N 40° W & S 40° E.
72.00 Foot of bank bears N 40° W & S 40° E

Subdivision T27S R11W.

Chains.	
80.14	The cor. of secs 27, 28, 33 & 34.
	Land, gently rolling bench E slope.
	Soil, good brown clay loam 5 to 30 in. deep fine texture, dry, clay subsoil.
	No timber; good growth of sagebrush.
	May 29, 1911. At 2h 27m p.m. l.m.t. I set off 38°26' on the lat. arc; 21°34' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 27, 28, 33 & 34.
	Thence I run
	S0°03' W bet. secs. 33 & 34.
	Across bottom of draw through sagebrush.
1.00	Wash 1 ft. deep 20 lks wide drains S40°E.
12.00	Foot of S bank of draw bears N30°W & S30°E.
18.00	Top of bank bears N30°W & S30°E.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S33 on W half; S34 on E half; dig pits 18x18x12 in N & S of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor.
40.60	Road, Milford to Frisco bears N64°W & S64°E.
44.25	R.M.B. Telephone line, Milford to Frisco bears N65°30' W & S65°30' E.
81.95	Wash 12 ft. deep 30 lks. wide drains S50°E.
83.26	Intersect S bdy. of Tp 2.45 chs. N89°55' E of cor. of secs. 3, 4, 33 & 34 before described
	Set an iron post 3 ft. long 2 in. diam. 24 in. in ground for closing cor. of secs 33 & 34 marked on brass cap
	CC T28S R11W S33 S34 on S half
	T27S S33 in NW
	R11W S34 in NE, quadrant; raise a mound of stone 2 ft. base, 1 1/2 ft. high N of cor.
	Pits impracticable.
	I destroy all marks on cor. of secs. 3, 4, 33 & 34 that pertain to secs. 33 & 34.
	Land, gently rolling bench; E slope.
	Soil, good brown clay loam, 6 to 12 in deep medium texture, dry, clay & gravel subsoil.

Subdivision T27S R11W.

Drains.	No timber; good growth of sagebrush. May 29, 1911.
	May 30, 1911. At 8h 27m. a.m. l.m.t. I set off 38° 30' on the lat. arc; 21° 41' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 4, 5, 32 & 33 on N bdy of Tp. before described. Thence I run
	S 0° 02' W bet. secs. 4 & 5.
	Over rolling stony mts. land through sagebrush
0.95	Draw 50 ft. below cor. drains S 68° E.
13.00	Spur 125 ft. above draw proj. S 70° E.
30.00	Leave mts. land; enter rolling land bears N 40° W & S 40° E; enter scattering cedar bears E & W.
31.15	Wood road bears N 40° E & S 40° W.
38.00	Small wash drains E: leave scattering cedar timber bears E & W.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 5 on W half; S 4 on E half; from which
	A cedar tree 7 in. diam. bears
	N 81° E, 2.13 chs. dist. marked
	1/4 S 4 B T
	A cedar tree 6 in. diam. bears
	N 14° W, 2.45 chs. dist. marked
	1/4 S 5 B T
46.00	Ridge 100 ft. high bears E & W.
50.40	Wash 3 ft. deep 12 lks wide drains E.
57.50	Wood road bears N 80° W & S 80° E.
80.00	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 4, 5, 8 & 9 marked on brass cap
	T 27 S S 5 in NW
	R 11 W S 4 in NE
	S 9 in SE
	S 8 in SW, quadrant; dig pits 18 x 18 x 12 in. in each sec. 5 1/2 ft. dist; & raise a mound of earth 4 ft. base 2 ft. high, W of cor.
	N 30.00 chs. broken & hilly.
	Ridges, light poor sandy loam, stony.

Subdivision T 27 S R 11 W.

Chains.	
	washed & stony on slopes; valleys, poor sandy loam, with some stones & gravel. S 50.00 chs. gently rolling bench land, E slope. Soil, light sandy loam, 4 to 12 in. deep, coarse texture, dry, gravel subsoil. Timber, scattering cedar. ✓
	East on random line bet. secs. 4 & 9.
40.00	Set temp. 1/4 sec. cor.
79.96	Intersect N & S line 3 lks. S. of cor. of secs. 3, 4, 9 & 10.
	Thence I run
	S 89° 59' W on true line bet. secs. 4 & 9.
	Over gently rolling land through sagebrush.
20.15	Wood road bears N 70° W & S 70° E.
39.98	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 4 on N half; S 9 on S half; dig pits 18 X 18 X 12 in E & W of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N of cor. ✓
66.50	Road to N. end of Beaver Lake Mountains bears N 15° E & S 15° W.
70.00	Road, Frisco to Smiths bears N 40° E & S 40° W.
79.96	The cor. of secs. 4, 5, 8 & 9.
	Land, gently rolling bench, E slope. Soil, poor sandy loam, 6 to 16 in. deep, coarse texture, dry, sand & gravel subsoil. No timber; undergrowth, sagebrush
	S 0° 02' W bet. secs. 8 & 9.
	Over gently rolling land through sagebrush.
10.25	Road, Frisco to Smiths bears N 40° E & S 40° W.
37.10	Road, to N. end Beaver Lake Mountains bears N 10° E & S 10° W.
	Wood road bears N 80° E & S 80° W.
	These roads cross at this point.
40.00	Set an iron post 3 ft. long 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 8 on W half; S 9 on E half; dig pits 18 X 18 X 12 in. N & S of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor. ✓

Subdivision of T27S R11W

Chains	
	May 30, 1911. At this cor. I set off 21°42' N on the decl. arc; & at 11h 57m. l. m. t. observe the sun on the meridian, the resulting lat. is 38°29' N.
56.85	Wash 3 ft. deep 50 lks. wide drains N 40° E.
75.50	Low spur prog. S 40° E.
80.00	Set an iron post ~~3 ft long~~, 2 in. diam. 24 in. in ground for cor. of secs. 8, 9, 16 & 17 marked on brass cap T 27 S S 8 in NW R 11 W S 9 in NE S 16 in SE S 17 in SW, quadrant; dig pits 18x18x12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor. ✓ From this cor. W. S. L. M. No 241 bears S 21°14' W. Land, gently rolling bench, E slope. Soil, light poor sandy loam with some gravel, 4 to 10 in. deep, coarse texture, dry; sand, gravel & decomposing granite subsoil. No timber; undergrowth, sagebrush.
	N 89°59' E on random line bet. secs. 9 & 16.
40.00	Set temp. ¼ sec. cor.
79.92	Intersect N & S line 5 lks. N. of cor. of secs. 9, 10, 15 & 16. Thence I run N 89°59' W on true line bet. secs. 9 & 16. Over rolling land through sagebrush.
34.00	Point of spur 75 ft. high, prog. N 20° W. Cabin bears N 50°30' E.
37.00	Wash 100 ft. below spur drains N 35° E.
39.96	Set an iron post, 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 9 on N half; S 16 on S half; raise a mound of stone 2 ft. base, 1½ ft. high, N of cor. Pits impracticable. ✓
44.00	Spur 75 ft. high prog. N 40° E
48.00	Draw 70 ft. deep drains N 60° E.
72.00	Spur 60 ft. above draw prog. S 70° E.
79.92	The cor. of secs. 8, 9, 16 & 17.

Subdivision of T27S R11W

Chains	
	Land, hilly & rolling. Ridges & slopes, light poor sandy loam mixed with some gravel; valleys, light poor sandy loam, with gravel, drains NE., subsoil, gravel & decomposing granite. No timber; undergrowth, sagebrush.
	May 30, 1911. At 3h 27m p. m. l. m. t. I set off 38°29' on the lat. arc; 21°44' N on the decl. arc, & determine a meridian with the solar at the cor. of secs. 8, 9, 16 & 17.
	Thence I run S 0°02' W bet. secs. 16 & 17.
	Over gently rolling land through sagebrush
22.00	Wash 4 ft. deep, 10 lks. wide, drains N 80° E.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S17 on W half; S16 on E half; raise a mound of stone 2 ft. base 1½ ft. high. W of cor. Pits impracticable.
	From this cor. U. S. L. M. No 241 bears S 85° W.
41.00	Wash 6 ft. deep 35 lks wide drains N 50° E.
49.50	Road to Beaver Lake Mts. bears N 10° W & S 10° E.
56.70	Road, Old Hickory to O.K. Mines bears N 70° W & S 70° E.
59.95	Road, Old Hickory to O.K. Mines bears N 60° W & S 60° E.
60.00	Hoist at Copper Ranch bears N 58°55' W. Cabin at Copper Ranch bears N 57°30' W.
80.00	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor of secs. 16, 17, 20 & 21, marked on brass cap T27S S17 in NW. R11W S16 in NE S21 in SE S20 in SW, quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor. Pits impracticable.
	From this cor. U. S. L. M. No 241 bears N 22°40' W
	Hoist at Copper Ranch bears N 30°40' W

Subdivision T27SR11W

Chains	
	Cabin at Copper Ranch bears N28°45'W.
	Land, gently rolling bench. NE Slope.
	Soil, poor sandy loam. 4 to 6 in. deep with some gravel & stones, coarse texture, dry. clay & gravel subsoil.
	Scrubby growth of sagebrush.
	No timber.
	May 30, 1911.
	May 31, 1911. At 7h 57m a.m. l. m. t. I set off 38°28' on the lat. arc; 21°50' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 16, 17, 20 & 21.
	Thence I run
	S 89°59' E on random line bet. secs. 16 & 21
40.00	Set temp. 1/4 sec. cor.
79.80	Intersect N & S line 12 lks. S of cor. of secs. 15, 16, 21 & 22.
	Thence I run
	S 89°56' W on true line bet. secs. 16 & 21.
	Over gently rolling bench land through sagebrush.
15.00	Road, Old Hickory to O.K. Mines bears N60°W, & S60°E.
20.00	Wash, 3 ft. deep 10 lks. wide drains S40°E.
39.90	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S16 on N half; S 21 on S half; dig pits 18x18x12 in. E & W of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, N of cor.
	From this cor. deserted cabin bears N49°E. No 2
48.10	Road, Old Hickory to O.K. Mine bears N50°W, & S50°E.
74.80	Road to Beaver Lake Mts bears N5°W & S5°E.
79.80	The cor. of secs. 16, 17, 20 & 21.
	Land, gently rolling bench E Eslope.
	Soil on E 39.90 chs. good brown clay loam 4 to 24 in. deep fine texture, dry, clay subsoil.
	Good growth of sagebrush.

Subdivision T27S R11W

Chains.	
	W 39.90 chs. sandy loam 3 to 12 in. deep, with some gravel, 3 to 12 in. deep, medium texture, dry, gravel & clay subsoil. Medium growth of sagebrush. No timber. ✓
	S 0° 02' W bet. secs. 20 & 21. Over gently rolling bench land, E slope, through sagebrush.
32.40	Road to OK. Mine bears N 40° W & S 40° E.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 20 on W half; S 21 on E half; dig pits 18 X 18 X 12 in. N & S of post, 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor. ✓
44.32	Telegraph line bears N 57° 30' W & S 57° 30' E.
44.85	S.P.L.A. & S.L.R.R. Milford to Frisco bears N 57° 30' W & S 57° 30' E.
80.00	Set an iron post 3 ft. long 2 in. diam. 24 in. in ground for cor. of secs. 20, 21, 28 & 29, marked on brass cap T27S S20 in NW R11W S21 in NE S28 in SE S29 in SW, quadrant; raise a mound of stone 2 ft. base 1½ ft. high, W of cor. Pits impracticable. ✓
	Land, gently rolling bench, sloping E. Soil, good brown clay loam, 2 to 10 in. deep, medium texture, dry, clay subsoil. Medium growth of sagebrush. No timber. ✓
	N 89° 56' E on random line bet. secs. 21 & 28.
40.00	Set temp 1/4 sec. cor.
79.76	Intersect N & S line 5 lks. N. of cor. of secs. 21, 22, 27 & 28. Thence I run S 89° 58' W on true line bet. secs. 21 & 28. Over gently rolling bench land through

Subdivision of T27SR11W.

Chains.	
	small sagebrush.
23.10	Telegraph line bears N 57°30' W & S 57°30' E.
24.00	S.P.L.A. & S.L.R.R. Milford to Frisco bears N 57°30' W & S 57°30' E.
39.88	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 21 on N half; S 28 on S half; dig pits 18 X 18 X 12 in E & W of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N of cor.
40.05	Enter plowed ground bears N 45° W & S 45° E.
45.25	Leave same bears N 45° W & S 45° E.
58.15	Road to Beaver Lake Mtn. bears N 10° W & S 10° E.
68.85	Road to O.K. Mine bears N 15° W & S 15° E.
79.76	The cor. of secs. 20, 21, 28 & 29.
	Land, gently rolling bench, E slope.
	Soil, good brown clay loam, 4 to 20 in. deep, fine texture, dry, clay subsoil.
	Good growth of small sagebrush.
	No timber.
	May 31, 1911. At this cor. I set off 21°51' N on the decl. arc; and at 11 h 57 m. l. m. t. observe the sun on the meridian, the resulting lat. is 38°27' N.
	S 0°02' W bet. secs. 28 & 29
	Over gently rolling land through sagebrush
2.20	Top of N bank of draw bears N 60° W & S 60° E.
10.00	Foot of bank 100 ft. deep bears N 60° W & S 60° E.
25.50	Wash 4 ft. deep, 60 lks. wide drains S 50° E.
27.50	Foot of S. bank of draw bears S 50° E & N 50° W.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 29 on W half; S 28 on E half; raise a mound of stone 2 ft. base, 1 1/2 ft. high, W of cor. Pits impracticable.
42.00	Top of S. bank of draw 75 ft. high bears N 55° E & S 55° W.
45.50	Hollow 75 ft. deep drains E.
80.00	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 28, 29, 32 & 33

Subdivision T27S R11W.

Chains 80.00	Iron post marked on brass cap
	T27S S29 in NW
	R11W S28 in NE
	S33 in SE
	S32 in SW, quadrant; dig pits 18x18x12 in.
Between 29 & 32	in each sec. 5½ ft. dist; & raise a mound of
	earth 4 ft. base, 2 ft. high W of cor.
	Land, gently rolling bench E slope.
	Soil, good brown sandy loam 6 to 20 in.
	deep, medium texture, dry, clay subsoil.
	No timber; undergrowth sagebrush.
	N 89°58' E on random line bet. secs. 28 & 33.
40.00	Set temp. ¼ sec. cor.
79.88	Intersect N & S line 5 lks. N of cor. of secs.
	27, 28, 33 & 34.
	Thence I run
	West on true line bet. secs. 28 & 33.
	Across bottom of draw through sagebrush.
2.00	Wash 1 ft. deep 70 lks wide drains S 40° E.
3.00	Road to Old Hickory bears N 25° E & S 25° W.
11.40	R.M.B. Telephone line to Old Hickory Mine
	bears N 28° E, & S 28° W.
20.00	Leave bottom of hollow, ascend.
28.00	Top of S bank of draw bears N 60° W & S 60° E.
39.94	Set an iron post 3 ft. long, 1 in. diam. 26 in.
	in ground for ¼ sec. cor. marked on brass cap
	¼ S28 on N half; S 33 on S half; dig pits 18x18x
	12 in. E & W of post; 3 ft. dist; & raise a mound of
	earth 3½ ft. base, 1½ ft. high, N of cor.
45.40	Road to Beaver Lake Mts bears N 20° W & S 20° E.
79.88	The cor. of secs. 28, 29, 32 & 33.
	Land, gently rolling bench E slope.
	Soil, good brown sandy loam, 7 to 29 in. deep
	medium texture, dry. clay subsoil.
	Good growth of small sagebrush.
	No timber.
	May 31, 1911. At 3h 57m. p. m. l. m. t. I set off
	38°26 on the lat. arc; 21°53' N on the decl. arc;

Subdivision T27S R11W

Chains. I determine a meridian with the solar at the cor. of secs. 28, 29, 32 & 33.
Thence I run
S0°02'W bet. secs. 32 & 33.
Over gently rolling land through small sagebrush.
22.45 R. M. B. Telephone line, Milford to Frisco bears N87°35'W & S87°35'E.
24.25 Road, Milford to Frisco bears N87°W & S87°E.
27.60 Wash 4 ft. deep, 20 lks wide, drains S85°E.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S32 on W half; S33 on E half; dig pits 18x18x12 in. N & S of post, 3 ft. dist; & raise a mound of earth, 3½ ft. base, 1½ ft high, W of cor.
46.80 The Beaver River Power Co's Line bears N64° 30'W & S64°30'E..
55.40 Wood road bears N40°W & S40°E.
56.15 Road, Milford to Shauntie bears N50°E & S50°W.
56.50 Wash 2 ft. deep 70 lks. wide drains S60°E:
57.00 Foot of abrupt stony ascent bears S20°E & N20°W.
69.50 Top of point of spur 400 ft. high proj. N15°W thence gentle descent along spur.
83.21 Intersect S. bdy. of Tp 2. 64 chs. E of cor. of secs 4, 5, 32 & 33 thereon described
Set an iron post 3 ft. long 2 in. diam. 24 in. in ground for closing cor. of secs. 32 & 33 marked on brass cap
C C T28S R11W S4 S5 on S half
T27S S32 in NW
R11W S33 in NE, quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, N of cor.
Pits impracticable.
I destroy all marks on cor. of secs 4, 5, 32 & 33 that pertain to secs 32 & 33.
N 57.00 chs. gently rolling bench land E slope.
Soil, poor sandy loam, with some gravel, coarse texture, dry, clay & gravel subsoil.

Subdivision T27SR11W

Chains.	
	S 26.21 chs. broken & hilly.
	Ridges & slopes washed & very stony.
	No timber; Undergrowth, sagebrush.
	May 31. 1911.
	June 1, 1911. At 8h 57m. a. m. l. m. t. I set off 38°30' on the lat. arc; 21°59' N on the decl. arc, & determine a meridian with the solar at the cor. of secs. 5, 6, 31 & 32 on N bdy. of Tp. heretofore described. Thence I run S 0°02' W bet. secs. 5 & 6.
	Over broken stony mountainous land through scattering scrubby cedar timber, ascend.
3.00	Spur 90 ft. above cor. proj. S 40° E.
3.45	Cabin near O.K. Extension Mine bears S 23°30' E.
	Hoist at mouth of incline of O.K. Extension bears S 18°35' E.
	Engine house bears S 17°35' E.
9.20	Draw 150 ft. below spur drains S 40° E.
16.00	Spur 70 ft. above draw, proj. S 60° E.
24.20	Draw 85 ft. below spur, drains S 80° E.
25.00	Cabin near O.K. Extension bears S 70°45' E.
	Hoist at mouth of incline of O.K. Extension bears S 59°45' E.
	Engine house bears S 50°30' E.
38.00	Spur 200 ft. above draw proj. E.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 6 on W half; S 5 on E half; from which
	A cedar tree 6 in. diam. bears S 85° E, 22 lks. dist. marked 1/4 S 5 B T
	A cedar tree, 8 in. diam. bears N 46° W, 28 lks. dist. marked 1/4 S 6 B T
	From this cor. U.S.M.M. No 3 bears S 57°54' W 19.46 chs. dist.
42.45	Draw 125 ft. below spur drains E.
56.00	Top of spur 250 ft. above draw proj. S 80° E.

Subdivision T27S R11W.

Chains.	
69.20	Foot of E. side of dump from abandoned working of Beaver Harrison Mine.
78.00	Draw 300 ft. below spur drains S 40° E.
80.00	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 5, 6, 7 & 8 marked on brass cap T27S S6 in NW R11W S5 in NE S 8 in SE S 7 in SW, quadrant; from which A cedar tree 7 in. diam. bears N 49° E, 2.50 chs. dist. marked T27S R11W S5 BT A cedar tree, 8 in. diam. bears S 60° 45' E, 4.42 chs. dist. marked T27S R11W S8 BT A cedar tree, 8 in. diam. bears S 37° W, 1.32 chs. dist. marked T27S R11W S7 BT A cedar tree, 10 in. diam. bears N 18° W, 3.36 chs. dist. marked T27S R11W S6 BT Sand, broken & hilly. Ridges & slopes, light poor sandy loam mixed with gravel & stones; valleys, poor sandy loam with some gravel & stones; subsoil, clay gravel & limestone. Timber, scrubby cedar. ✓ From this sec. cor. deserted cabin bears N 59° 40' W.
	East on random line bet. secs. 5 & 8.
40.00	Set temp 1/4 sec. cor.
80.24	Intersect N & S line, 9 lks N. of cor. of secs. 4, 5, 8 & 9. Thence I run. N. 89° 56' W on true line bet. secs. 5 & 8. Over gently ascending bench land through sagebrush.
30.00	Enter scattering cedar timber bears N & S.

Subdivision T 27 S R 11 W.

Chains.	
31.00	Enter mountainous land bears N & S, ascend.
40.12	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 5 on N half; S 8 on S half; from which A cedar tree 6 in. diam. bears S 54° E, 3.60 chs. dist. marked 1/4 S 8 B J A cedar tree, 10 in. diam. bears N 54° W, 1.15 chs. dist. marked 1/4 S 5 B J.
50.00	June 1, 1911. At this cor. I set off 22° 00' N on the decl. arc; & at 11 h 57 m. l. m. t. observe the sun on the meridian the resulting lat. is 38° 29' N.
59.00	Spur 300 ft. above ft. of mountain prof. S 30° E.
69.00	Draw 150 ft. below spur drains S 20° E.
69.75	Abandoned tunnel 20 lks. N.
72.00	Spur 100 ft. above draw prof. S 10° E.
72.25	Abandoned incline of Beaver Harrison Mine bears N 41° W.
79.30	Draw 150 ft. below spur drains S 40° E.
80.24	The cor. of secs. 5, 6, 7 & 8. E 31.00 chs. gently rolling bench land, E slope. Soil, light sandy loam, 6 to 12 in. deep medium texture, dry, gravel subsoil. W 59.24 chs. broken & hilly. Ridges & slopes light sandy loam mixed with gravel & stones; valleys, light, poor, sandy loam, stony & gravelly; subsoil gravel. Timber, scrubby cedar; undergrowth, sagebrush.
	West on true line bet. secs. 6 & 7. Over stony rolling mountainous land through scattering cedar timber.
1.05	Road, Milford to Beaver Harrison Mine bears N 25° W & S 25° E.
7.00	Road Solus to Beaver Harrison Mine bears N 50° E & S 50° W.
11.25	Spur 125 ft. above sec. cor. prof. S 60° E.

Subdivision T 27 S R 11 W.

Chains	
20.25	NE cor. of sheet iron building bears S 24° 30' W 1.95 chs. dist.
	Abandoned cabin bears N 66° E.
	Abandoned incline of Beaver Harrison Mine bears N 59° E.
22.75	Pipe line Solus to Beaver Harrison Mine bears N 23° 38' E & S 23° 38' W.
	Small draw drains S.
26.20	Point of spur proj. S.
30.20	Old prospect 1.00 ch. S.
39.55	Road Solus to O.K. Mine bears N 20° E & S 20° W.
	R. M. B. Telephone line, Milford to O.K. Mine bears N 14° 25' E, & S 14° 25' W.
40.00	Falls in wash in mouth of draw, drains S 20° E
40.40	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap W.C. 1/4 S 6 on N half; S 7 on S half; from which
	A cedar tree 8 in. diam. bears N 17° E, 2.07 chs. dist. marked W.C. 1/4 S 6 B J
	A cedar tree 6 in. diam. bears S 31° W, 1.36 chs. dist. marked W.C. 1/4 S 7 B J
	From this W.C. to 1/4 sec. cor. hoist at O.K. Mine bears N 15° 25' E.
	Smokestack on Engine house bears N 26° 10' E.
49.55	Top of point of spur 75 ft. high proj. S.
	Ore bin at O.K. Mine bears N 44° E.
	House at O.K. Mine bears N 47° 40' E.
	Deserted store building bears S 86° 20' W.
	Blacksmith shop bears bears S 82° 30' W.
	House bears S 87° 30' W.
66.05	Hoist at abandoned shaft bears N 87° 30' W.
	Road Solus to abandoned mine bears S 55° W & N 5° E.
72.45	Wash in mouth of draw drains S.
82.30	Intersect W. bdy. of Tp. 9.22 chs. N of cor. of secs. 1, 6, 7 & 12. heretofore described
	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for closing cor. of secs. 6 & 7 marked on brass cap

Subdivision T 27 S R 11 W

Chains	
	T 27 S in N. half C C R 12 W S 1, S 12 on Wharf S 6 in NE R 11 W S 7 in SE, quadrant; from which A cedar tree 7 in. diam. bears N 65° E, 91 lks. dist. marked C C T 27 S R 11 W S 6 B J A cedar tree, 9 in. diam bears S 17° E, 2.17 chs. dist. marked C C T 27 S R 11 W S 7 B J I destroy all marks on cor. of secs, 1, 6, 7 & 12 that pertain to secs. 6 & 7 From this cor. hoist at OK. Mine bears N 65° 10' E. Smokistack at engine house bears N 66° 15' E. Ore bin at OK. Mine bears N 67° 30' E. House at OK. Mine bears N 70° 10' E. Deserted Store building bears S 87° E. Blacksmith shop bears S 81° E. House bears S 85° E. Hoist at abandoned shaft bears N 85° 20' E. Land, broken & hilly. Ridges & slopes, light sandy loam with some gravel; valleys, light poor sandy loam, mixed with gravel & stones; subsoil, gravel. Timber, scrubby cedar.
	June 1, 1911. At 3 h 57 m. p. m. l. m. t. I set off 38° 29' on the lat. arc; 22° 01' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 5, 6, 7 & 8. Thence I run S 0° 02' W bet. secs. 7 & 8. Over rolling mountainous land through scattering cedar timber.
2.55	Road, Milford to Beaver Harrison bears N 25° W & S 25° E.
14.50	Spur 125 ft. above draw proj. S 45° E.
20.00	Leave scattering cedar bears E & W.
28.00	Foot of mts. land; enter gently rolling bench land & sagebrush bears N 88° W & S 80° E.

Subdivision T27S R11W.

Chains	
40.00	Set an iron post 3 ft. long; 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S T on W half; S 8 on E half; dig pits 18x18x12 in N & S of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor.
	From this cor. a cabin bears S 36° 50' W.
	Hoist at deserted shaft bears S 35° 30' W.
51.40	Road, Frisco to Smiths bears N 60° E & S 60° W.
80.00	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 7, 8, 17 & 18, marked on brass cap
	T27S S7 in NW
	R11W S8 in NE
	S17 in SE
	S18 in SW, quadrant; raise a mound of stone 2 ft. base, 1 1/2 ft. high, W of cor.
	Pits impracticable.
	From this sec. cor. cabin bears N 37° 10' W.
	Hoist bears N 36° 45' W.
	Deserted cabin bears N 52° 10' W.
	N 28.00 chs. hilly.
	Soil, light poor sandy loam, mixed with gravel & stone.
	S 52.00 chs. gently rolling bench, S slope.
	Soil, poor sandy loam, 6 to 8 in. deep, gravelly & stony, coarse texture, gravel subsoil.
	Timber, scrubby cedar; undergrowth, sagebrush.
	June 1, 1911.
	June 2, 1911. At 7h 58m a.m. l.m.t. I set off 38° 29' on the lat. arc; 22° 07' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 7, 8, 17 & 18.
	Thence I run
	S 89° 56' E on random line bet. secs. 8 & 17.
40.00	Set temp 1/4 sec. cor.
80.30	Intersect N & S line 12 lks N of cor. of secs. 8, 9, 16 & 17
	Thence I run
	N 89° 51' W on true line bet. secs. 8 & 17.
	Over gently rolling bench land through

Subdivision T27SR11W

Chains.	
	small sagebrush.
3.50	Road to Beaver Lake Mts bears N & S.
40.15	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 8 on N half; S 17 on S half; dig pits 18x18x12 in. E & W of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N of cor.
46.05	Road, Milford to Beaver Harrison Mine bears N 25° W & S 25° E.
80.30	The cor. of secs. 7, 8, 17 & 18.
	Land, gently rolling bench, S slope.
	Soil, light poor sandy loam, 3 to 10 in. deep medium texture, dry & gravelly, gravel subsoil.
	Medium growth of small sagebrush.
	No timber.
	West on true line bet. secs. 7 & 18.
	Over gently rolling bench land through small sagebrush.
7.35	Road, Milford to O.K. Mines bears N 20° W & S 20° E.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 7 on N half; S 18 on S half; dig pits 18x18x12 in E & W of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N of cor.
	From this cor. deserted cabin bears N 11° 40' E.
	Windlass at abandoned shaft bears N 8° E.
57.40	Pipe line Solus to O.K. Mine bears N 23° 38' E & S 23° 38' W.
57.55	Road Solus to O.K. Mine bears N 25° E & S 25° W.
57.70	Windlass at abandoned shaft bears N 39° 40' E.
	Box car house at Solus bears S 36° 30' W.
60.25	Road to O.K. Mine bears N 20° E & S 20° W.
65.75	R. M. B. Telephone line, Milford to O.K. Mines bears N 14° 25' E, & S 14° 25' W.
72.00	Road, Solus to Mines bears N & S.
82.25	Intersect W. bdy of Tp. 9.31 chs. N. of cor. of secs 7, 12, 13 & 18. heretofore described
	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for closing cor. of secs. 7 & 18 marked

Subdivision T27S R11W.

Chains.	
	on brass cap T27S on N half CC R12W S12 S13 on W half S7 in NE R11W S18 in SE, quadrant; raise a mound of stone 2ft. base, 1/2 ft. high, E of cor. Pits impracticable. I destroy all marks on cor. of secs. 7, 12, 13 & 18 that pertain to secs. 7 & 18. From this cor. box car house at Solus bears S14° E. Land, gently rolling bench, S slope. Soil, poor, gravelly soil, with some sand, 3 to 10 in deep coarse texture, dry, gravel subsoil. Poor growth of small sagebrush. No timber.
	S 0°02' W bet secs. 17 & 18. Over gently rolling land through small sagebrush.
11.80	Road, Milford to OK. Mine bears N20° W & S20° E.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S18 on W half; S17 on E half; dig pits 18 x 18 x 12 in N & S of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor.
47.65	Wash 3 ft. deep 10 lks. wide drains S20° E.
56.50	Wash, in hollow, 6 ft. deep, 30 lks wide, drains E.
73.30	Telegraph line, Milford to Frisco bears N57° 30' W & S57° 30' E.
73.85	S.P.L.A & S.L. RR, Milford to Frisco bears N57° 30' W & S57° 30' E.
80.00	Set an iron post 3 ft. long. 2 in. diam. 24 in. in ground for cor. of secs. 17, 18, 19 & 20 marked on brass cap T27S S18 in NW R11W S17 in NE S20 in SE S19 in SW, quadrant; dig pits 18 x 18 x 12 in. in each sec. 5 1/2 ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor.

Subdivision T 27 S R 11 W.

chains Land, gently rolling bench, S E slope
Soil, light poor sandy loam 6 to 10 in. deep
medium texture, dry, clay & gravel subsoil.
No timber; undergrowth, small sagebrush.
June 2, 1911. At this cor. I set off 22° 08' N
on the decl. arc; & at 11 h 58 m. l. m. t.
observe the sun on the meridian the result-
ing lat. is 38° 28' N.

S 89° 51' E on random line bet. secs. 17 & 20.
40.00 Set temp. 1/4 sec. cor.
80.20 Intersect N & S line 7 lks. S of cor. of secs. 16,
17, 20 & 21.
Thence I run
N 89° 54' W on true line bet. secs. 17 & 20.
Over gently rolling land through sagebrush.
28.00 Road to Ch. Mine bears N 40° W & S 40° E.
40.10 Set an iron post 3 ft. long 1 in. diam. 26 in.
in ground for 1/4 sec. cor. marked on brass cap
1/4 S 17 on N half; S 20 on S half; dig pits 18 x 18 x 12
in. E & W of post 3 ft. dist; & raise a mound
of earth 3 1/2 ft. base, 1 1/2 ft. high, N of cor.
69.65 Telegraph line, Milford to Frisco, bears
N 57° 30' W & S 57° 30' E.
70.50 S. P. L. A & S. L. R R. Milford to Frisco, bears
N 57° 30' W & S 57° 30' E.
80.20 The cor. of secs. 17, 18, 19 & 20
Land, gently rolling bench S E slope.
Soil, good, clay loam 3 to 8 in. deep, med-
ium texture, dry, clay & gravel subsoil.
No timber; undergrowth, sagebrush.

June 2, 1911. At 2 h 58 m. p. m. l. m. t. I set off
38° 28' on the lat. arc; 22° 09' N on the decl.
arc & determine a meridian with the solar
at the cor. of secs. 17, 18, 19 & 20.
Thence I run
West on true line bet. secs. 18 & 19.
Over gently rolling land through small
sagebrush.

Subdivision of T 27 S R 11 W.

Chains

30.00 Leave sagebrush; enter shadscale bears N & S.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S18 on N half; S19 on S half; raise a mound of stone 2 ft. base 1 1/2 ft. high N. of cor.
Pits impracticable.
56.40 Wash 4 ft. deep 20 lks. wide drains S 45° E.
82.34 Intersect W. bdy. of Tp. 9.20 chs. N. of cor. of secs 13, 18, 19 & 24, heretofore described.
Set an iron post 3 ft. long, 2 in. diam. 24 in in ground for closing cor. of secs. 18 & 19, marked on brass cap
T 27 S on N half
CC R 12 W S 13 S 24 on W half
S 18 in NE
R 11 W S 19 in S E, quadrant; raise a mound of stone 2 ft. base, 1 1/2 ft. high E of cor.
Destroy marks on cor. of secs. 13, 18, 19 & 24 pertaining to secs 18 & 19.
Land, gently rolling bench S.E. slope
Soil, light poor sandy loam, 3 to 6 in. deep, some stone & gravel, coarse texture, dry, on clay hardpan.
No timber; undergrowth, sagebrush & shadscale

S 0° 02' W bet. secs. 19 & 20.
Over gently rolling land through small sagebrush.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S19 on W half; S20 on E half; dig pits 18 x 18 x 12 in. N & S of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor.
65.40 N. bank of draw bears S 80° E & N 80° W.
70.00 Foot of bank of draw 75 ft. deep; enter white sage bears N 80° W & S 80° E.
80.00 Set an iron post 3 ft. long 2 in. diam. 24 in. in ground for cor of secs, 19, 20, 29 & 30 marked on brass cap
T 27 S S 19 in NW
R 11 W S 20 in NE

Subdivision of T27S R11W

Chains.

S29 in SE

S30 in SW, quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor. Pits. imp.
Land, gently rolling bench, SE slope.
N70.00 chs. light poor sandy loam with some gravel, 4 to 8 in. deep, medium texture, dry, clay & gravel subsoil.
S18.00 chs. good brown clay loam, 2 to 3 ft. deep, fine texture, dry, clay subsoil.
No timber; undergrowth, sagebrush & white sage.

June 2, 1911.

June 3, 1911. At 7h 58m. a.m.l.m.t. I set off 38°27' on the lat. arc; 22°15' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 19, 20, 29 & 30.
Thence I run
S89°54' E on random line bet. secs. 20 & 29.
40.00 Set temp ¼ sec. cor.
80.18 Intersect N & S line 5 lks. N. of cor. of secs. 20, 21, 28 & 29.
Thence I run
N89°52' W on true line bet. secs. 20 & 29.
Over gently rolling bench land through sagebrush.
40.09 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S20 on N half; S29 on S half; dig pits 18 x 18 x 12 in. E & W of post, 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, N of cor.
52.00 Top of N bank of draw bears N80° W & S80° E.
60.00 Foot of bank of draw 110 ft. bears N80° W & S80° E.
Leave sagebrush; enter white sage bears N80° W & S80° E.
80.18 The cor. of secs. 19, 20, 29 & 30.
Land, gently rolling bench, SE slope.
Soil, good brown clay loam, 3 to 25 in. deep, fine texture, dry, clay subsoil.
No timber; undergrowth, sagebrush & white sage.

Subdivision T 27 S. R 11 W.

Chains	
	West on true line bet. secs. 19 & 30.
	Over gently rolling land through white sage.
5.00	Leave white sage; enter sagebrush bears N 45° W & S 45° E.
24.00	Foot of ascent bears N & S.
33.00	Point of bench proj. S 20° E.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 19 on N half; S 30 on S half; raise a mound of stone 2 ft. base, 1 1/2 ft. high, N of cor. Pits impracticable. ✓
44.00	Foot of descent; bottom of draw bears N 60° W & S 60° E, thence ascend gently along bottom of draw.
59.00	Wash 4 ft. deep 50 lks. wide comes from W draws S 60° E.
67.00	Leave wash comes from S 80° W.
82.41	Intersect W bdy. of Tp. 9.32 chs. N. of cor. of secs. 19, 24, 25 & 30. heretofore described. Set an iron post 3 ft. long 2 in. diam. 24 in. in ground for closing cor. of secs. 19 & 30 marked on brass cap T 27 S on N half C.C. R 12 W S 24 S 25 on W half S 19 in NE R 11 W S 30 in SE, quadrant; raise a mound of stone 2 ft. base, 1 1/2 ft. high, E of cor. Pits impracticable. ✓ Destroy all marks on cor. of secs. 19, 24, 25 & 30 that pertain to secs. 19 & 30. ✓ Land, gently rolling bench S.E. Slope. Soil, good brown clay loam, 6 to 25 in. deep fine texture, dry, clay subsoil. No timber; undergrowth, sagebrush & white sage.
	S 0°02' W bet. secs. 29 & 30.
	Over gently rolling land, through white sage
3.00	Leave white sage; enter sagebrush.
6.60	Wash 4 ft. deep, 50 lks. wide drains E.
8.00	Foot of S bank of draw, bears E & W.

Chains. Subdivision of T27S R11W.

12.75 Top of S bank of draw, 95 ft. high bears E & W.
28.65 Draw 60 ft. deep drains N 80° E.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S30 on W half; S29 on E half; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor.
Pits impracticable. ✓
80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 29, 30, 31 & 32 marked on brass cap:
T27S S30 in NW
R11W S29 in NE
S32 in SE
S31 in SW, quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor.
Pits impracticable. ✓
Land, gently rolling bench, E slope.
Soil, brown sandy loam, 5 to 15 in. deep, medium texture, dry, gravel subsoil.
No timber; undergrowth, sagebrush & white sage.
June 3, 1911. At this cor. I set off 22°15' N on the decl. arc; and at 11 h 58 m. l. m. t. observe the sun on the meridian, the resulting lat. is 38°26' N.

S89°52' E on random line bet. secs. 29 & 32
40.00 Set temp 1/4 sec. cor.
80.28 Intersect N & S line, 12 lks. S. of cor. of secs. 28, 29, 32 & 33.
Thence I run
N89°57' W on true line bet. secs. 29 & 32
Over gently rolling bench land, E slope, through sagebrush.
36.00 Foot of limestone ridge bears N & S, ascend.
40.14 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S29 on N half; S32 on S half; raise a mound of stone 2 ft. base, 1½ ft. high, N of cor.
Pits impracticable. ✓
45.50 Top of limestone ridge, 200 ft. high, bears

Subdivision of T27S R11W

Chains.	N10°E & S10°W.
52.00	Foot of ridge, bears N10°E & S10°W.
80.28	The cor. of secs. 29, 30, 31 & 32.
	E 36.00 chs. gently rolling bench land, E slope. Soil, good, brown clay loam, 3 to 16 in. deep medium texture, dry, clay subsoil.
	Central 16.00 chs. limestone ridge.
	W 28.28 chs. gently rolling bench land, NE slope. Soil, light sandy loam, 2 to 11 in. deep, with some gravel, medium texture, dry, on gravel subsoil.
	No timber; undergrowth, sagebrush.
	West on true line bet. secs. 30 & 31. Over gently rolling bench ~~bench~~ land, NE slope.
7.90	Road, Milford to Frisco, bears N65°W & S65°E.
9.40	R. M. B. Telephone line, Milford to Frisco bears N 64°10' W & S 64°10' E.
27.20	The Beaver River Power Co's Electric Power line bears N 73°30' W & S 73°30' E.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S30 on N half; S31 on S half; raise a mound of stone 2 ft. base, 1½ ft. high N of cor. Pits impracticable.
82.38	Intersect W. bdy of Tp. 9.20 chs. N of cor. of secs. 25, 30, 31 & 36. heretofore described; Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for closing cor. of secs. 30 & 31 marked on brass cap T27S on N half CCR12W S25 S36 on W half, S30 in NE R11W S31 in SE, quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, E of cor. Pits impracticable. I destroy all marks on cor. of secs 25, 30, 31 & 36, that pertain to secs. 30 & 31 Land, gently rolling bench, NE slope. Soil, light, poor, stony sandy loam, coarse

Subdivision of T27S R11W

Chains.	
	texture, with some gravel, dry, gravel subsoil. No timber.
	June 3, 1911. At 3h 58m p.m. l.m.t. I set off 38°26' on the lat. arc; 22°17' N on the decl. arc, & determine a meridian with the solar at the cor. of secs. 29, 30, 31 & 32.
	Thence I run
	S 0°07' W on true line bet. secs. 31 & 32.
	Over gently rolling land.
3.30	Road, Milford to Frisco bears N 65° W & S 65° E.
4.50	R.M.B. Telephone line, Milford to Frisco, bears N 64°10' W & S 64°10' E.
8.75	The Beaver River Power Co's Electric Power line Milford to Frisco bears N 64°30' W & S 64°30' E.
29.25	Wash 3 ft. deep, 15 lks. wide drains N 60° E.
32.70	Wood road bears N 60° E & S 60° W.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 31 on W half; S 32 on E half; dig pits 18 x 18 x 12 in. N & S of post, 3 ft. dist; & raise a mound of earth 3/2 ft. base, 1/2 ft. high, W of cor.
68.00	Wash 10 ft. deep, 60 lks. wide, drains N 60° E.
72.40	Wash 25 ft. deep 1.00 ch. wide drains N 70° E.
83.38	Intersect S. bdy. of Tp. 2.45 chs. E. of cor. of secs. 5, 6, 31 & 32. heretofore described
	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for closing cor. of secs. 31 & 32, marked on brass cap
	CC T28S R11W S5 S6 on S half
	T27S S31 in NW
	R11W S32 in NE, quadrant; raise a mound of stone 2 ft. base, 1/2 ft. high, N of cor. Pits impracticable.
	I destroy all marks on cor of secs. 5, 6, 31, & 32 that pertain to secs. 31 & 32.
	Land, gently rolling bench, NE slope.
	Soil, light poor sandy gravelly loam, 4 to 9 in deep, clay & gravel subsoil.
	No timber.
	June 3, 1911.

General Description.

The township contains a variety of land from bench to mountain, and the soil ranges from good brown clay loam, to light, poor sandy loam, gravel & stone.

The soil on most of the bench land is generally good, brown clay loam, while the mountain slopes and ridges are stony and broken.

The benches generally have a fair growth of sagebrush; shadscale & white sage are also found in some parts of this township.

On most of the bench land small to medium crops of wheat or corn can be produced under modern dry farming methods.

From present indications water can never be had for irrigation for this township.

There is a scattered growth of scrubby cedar timber in sec. 6.

There are a few mines and numerous prospects in this township. The best known are the Old Hickory of the Rocky Mining Dist. in sec. 2 & 23, which from indications at and near the mine, has spent $100,000.00; and the Pt. of Beaver Harrison located in the Beaver Lake Mining Dist. in sec. 6.

The products from these mines are silver, lead and copper. None of the mines or prospects in this township are being worked at present.

The only known water in this township is a well 55 ft. deep located in NE cor. of sec. 1 owned by the Western Elevator & Development Co.

There is a small range of mountains in the central part of this township, on the southern part of which is the Rocky Mining District. The South end of the Beaver Lake Mountains, in which is located the Beaver Lake Mining Dist. extends into sec. 6.

There are numerous frame buildings

General Description

at the different mines in this township but at the present time all are vacant.
Iron, copper, lead & silver ore is found in SW 1/4 sec. 5, sec 6, N 1/2 sec. 7, NW 1/4 sec. 8, SW 1/4 sec. 16, SE 1/4 sec. 17, E 1/2 & E 1/2 of NW 1/4 sec. 22 & SW 1/4 of the NW 1/4 & W 1/2 of SW 1/4 sec. 23.
The only settler in this township is W. H. Morrison who represents the Western Elevator & Development Co.
He claims improvements as follows-

Well	$150.00
Frame dwelling	$175.00

All are located in NE cor of sec 1.
Owners of tracts of plowed ground are unknown.

John W. Dougall
U. S. Transitman.

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Page

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by John W. Dougall Transitman, United States ~~Deputy Surveyor, to~~ assist in running, measuring, and rking the lines and corners described in the foregoing field notes of the survey of T. 27 S. R. 11 W. S. L. B. & M. Utah,.

owing the respective capacities in which they acted:

William B. Clark, *Chainman.*
Willis Whitmore, *Chainman.*
Ernest Harmer, *Moundman.*
, *Moundman.*
, *Axman.*
, *Axman.*
Ralph A. Groebeck, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted John W. Dougall Transitman, United States ~~Deputy Surveyor~~, in surveying all e parts or portions of the subdivision; retracement and resurvey East, and t of South; and resurvey of North boundary of Township 27 South, ge 11 West of the Salt Lake Base & meridian, in the State of Utah, which are represented e foregoing field notes as having been surveyed by him and under his direction; and that said survey been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the er monuments established, according to the instructions furnished by the United States Surveyor eral for Utah

William B. Clark, *Chainman.*
Willis Whitmore, *Chainman.*
Ernest Harmer, *Moundman.*
, *Moundman.*
, *Axman.*
, *Axman.*
Ralph A. Groebeck, *Flagman.*

cribed and sworn to before me this 5th day of June, 1911

SEAL

John W. Dougall
U. S. Transitman

51

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

[illegible] United States [illegible] Transitman, [illegible] bearing date [illegible] 19[illegible], I have well, faithfully, and truly, in [illegible] with the instructions furnished by the United States S[illegible], the Manual of Surveying Instructions, and the law[illegible] [illegible] Township [illegible], Range 11 West [illegible]

[illegible] of the Salt Lake [illegible] which are represente[illegible] [illegible] surveyed by me, and under my direction; and I do further s[illegible] [illegible] have been established and perpetuated in strict accordan[illegible] Manual of Surveying Instructions, and the special written instructions of the United States S[illegible] [illegible] and in the specific manner described in the field notes, [illegible] [illegible] of such survey.

John M. Dougall

United States Transitman

[illegible] and sworn to before me [illegible] April [illegible] 1917.

[signature]

U.S. Surveyor-General for Utah.

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, [illegible]

[illegible]

[illegible] 19[illegible], [illegible] [illegible] the said field notes, [illegible]

[signature]

United States Surveyor G[illegible]

I certify that the foregoing transcript of the field notes of the above described surveys in [illegible] has been correctly copied from the original notes on file in this [illegible]

United States Surveyor G[illegible]

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Page

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Page

4—679.

BOOK A-382

2.

Filed 4/17/12

M. S. B.

FIELD NOTES

OF THE Retracement and Re-SURVEY OF THE

First Standard Parallel South
Through Range No. 11 West.

Up 26 b

Of the Salt Lake Base & Meridian,

Utah

AS SURVEYED BY

John W. Dougall, United States ~~Deputy Surveyor,~~ Transitman

Assignment Group

under his ~~Contract~~ No. 55, dated Aug 6, 1910

Survey commenced June 6, 1911

Survey completed June 8, 1911

6—151

Ret 24205
Rep. 30169

BOOK A-382

NAMES AND DUTIES OF ASSISTANTS.

Ralph A. Groesbeck	chainman
Ernest Harmer	chainman
William B. Clark	chainman
Willis Whitmore	chainman
Lonzo Safford	flagman

BOOK A-382

INDEX DIAGRAM.

5th Standard Parallel S. through R 11 W.

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

6	5	4	3	2	1
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

Meanders Page .....

C—151

PRELIMINARY OATHS OF ASSISTANTS.

WE, Ralph A. Groesbeck, William B. Clark, Ernest Hamner and Willis Whitmore

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

Retracement & resurvey of 5th Standard Parallel S through R 11 W.

Ralph A. Groesbeck, William B. Clark, Chain
Ernest Hamner, Willis Whitmore, Chain

Subscribed and sworn to before me this fifth day of June, 1911

SEAL

John W. Dougall
U.S. Transitman.

WE, ... and .....

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

..... Moundm

..... Moundm

Subscribed and sworn to before me this ..... day of ....., 19

SEAL

WE, ... and .....

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

..... Axm

..... Axm

Subscribed and sworn to before me this ..... day of ....., 19

SEAL

I, Longo Safford, do solemnly swear that I will well and tru perform the duties of flagman according to instructions given me, to the best of my skill and ability, in t ~~survey~~ of retracement resurvey of 5th Standard Parallel S through R 11 W.

Longo Safford, Flagma

Subscribed and sworn to before me this fifth day of June, 1911

SEAL

John W. Dougall
U.S. Transitman

8-131

Retracement & Resurvey of 5th Standard Parallel S through R11W.

Survey commenced June 6, 1911 and executed with a W & L. E. Gurley light mountain transit, no number, with solar attachment. For full description of instrument see Book A. Knowing my instrument is in perfect adjustment from recent Polaris observations At 2 h. 58 m. p. m. l. m. t. I set off 38°36' on the lat. arc; 22°38' N on the decl. arc; and determine a meridian with the solar at the S. cor of Tp. 25 S Rs 10 & 11 W, before described.

Thence I run

West on retracement line on S bdy. of sec. 36.

40.00 After careful search no trace of old 1/4 S.C. is found

Difference bet. measurements by two sets of chainmen is 4 lks: position of middle point By 1st set 80.16 chs.

By 2nd set 80.12 chs. the mean of which is

80.14 Fall 85 lks. S of S.C. of secs. 35 & 36 which is an aspen post greatly decayed & marks nearly obliterated. I destroy all traces of old cor. & re-establish it at same point as follows

Set an iron post 3 ft. long, 3 in. diam. 24 in in ground for S.C. of secs. 35 & 36 marked on brass cap

T25S S34 in NW

R11W S35 in NE quadrant; dig pits 24 x 18 x 12 in. crosswise on line E & W 3 ft. & N of post 7 ft. dist; & raise a mound of earth 4 ft. base 2 ft. high, N of cor.

Therefore the course of this line is N89°24' W.

Thence I run

S89°24' E on resurvey line on S. bdy. sec. 36

Over gently rolling bench land through shadscale.

36.00 Leave shadscale: enter greasewood bears N20°W & S20°E.

Dif. bet. measurements of 40.07 chs. by two sets of chainmen is 4 lks: position of middle point, By 1st set 40.05 chs

By 2nd set 40.09 chs: the mean of which is
40.07 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for land cor. marked on brass cap 1/4 S 36 on N half; dig pits 18 x 18 x 12 in. 6 W of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N of cor.
80.14 The cor. of Tps. 26 S Rs. 10 & 11 W.
Land, gently rolling bench, E slope.
Soil, good clay loam, 5 to 12 in. deep, fine texture, dry, clay subsoil.
No timber.

West on retracement line on S bdy. of sec. 35.
40.00 After diligent search find no trace of old Standard 1/4 sec. cor.
Dif. bet. measurements by two sets of chainmen is 6 lks: position of middle point
By 1st set 80.47 chs.
By 2nd set 80.41 chs: the mean of which is
80.44 Fall 21 lks. N. of S.C. of secs. 34 & 35 which is a cedar post, greatly decayed marks nearly obliterated.
I destroy all traces of the old cor. and re-establish it at same point as follows
Set an iron post 3 ft. long, 3 in. diam. 24 in. in ground for S.C. of secs. 34 & 35 marked on brass cap
T 25 S S 34 in NW
R 10 W S 35 in NE, quadrant; dig pits 24 x 18 x 12 in. crosswise on line E & W 3 ft. & N of post 7 ft. dist; & raise a mound of earth 4 ft. base 2 ft. high, N of cor.
Therefore the course of this line is S 89° 51' W.
Thence I run
N 89° 51' E on resurvey line on S bdy of sec. 35.
Over gently rolling bench land, E slope, through chaparral.
2.50 Edge of low bench bears N 20° E & S 20° W, descend
6.00 Foot of bench 14 ft. high bears N 20° E & S 20° W.
30.00 Foot of bench 10 ft. high bears N 25° W & S 25° E.

Dif. bet. measurements of 40.22 chs. by two sets of chainmen is 2 lks. position of middle point
By 1st set 40.23 chs.
By 2nd set 40.21 chs: the mean of which is
40.22 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for standard 1/4 sec. cor. marked on brass cap 1/4 S 35 on N half; dig pits 18 X 18 X 12 in. E & W of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N of cor.
80.44 The Standard cor. of secs. 35 & 36.
Land, gently rolling bench, E slope.
Soil, good brown clay loam, 4 to 14 in. deep fine texture, dry, clay subsoil.
No timber.

June 6, 1911.

June 8, 1911. At Standard Cor. of secs. 34 & 35 I set off 22° 49' N on the decl. arc; and at 11 h 59 m. a.m. l. m. t. observe the sun on the meridian the resulting lat. is 38° 36' N.
Thence I run
West on retracement line on S bdy of sec. 34.
Dif. bet. measurement by two sets of chainmen is 4 lks: position of middle point
By 1st set 40.41 chs
By 2nd set 40.37 chs: the mean of which is
40.39 Fall 12 lks. S of Standard 1/4 sec. cor. which is a sandstone 7 X 6 X 5 in. above ground loosely set.
I destroy all traces of old cor. and reestablish it at same point as follows
Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for Standard 1/4 sec. cor. marked on brass cap 1/4 S 34 on N half; dig pits 18 X 18 X 12 in. E & W of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high N of cor.
Therefore the course of this line is N 89° 50' W.
Moved to cor.

Thence I run
West on retracement line on S bdy of sec. 34
Dif. bet. measurements by two sets of
chainmen is 2 lks: position of middle point
By 1st set 40.24 chs
By 2nd set 40.26 chs: the mean of which is
40.25 Fall 12 lks. S of Standard cor. of secs. 33 & 34
which is a redish quartzite stone 12x10x10
in. above ground firmly set, marked &
witnessed as described by the Surveyor
General.
Therefore the course of this line is N 89°50' W.

June 8, 1911. At 1h 59m. p.m. l.m.t. I set off
38°36' on the lat. arc; 22°49' N on the decl.
arc; & determine a meridian with the solar
at the Standard cor. of secs. 33 & 34.
Thence I run
West on retracement line on S bdy. of sec. 33.
40.00 After diligent search find no trace of old
Standard 1/4 sec. cor.
Dif. bet. measurements by two sets of
chainmen is 10 lks. position of middle point
By 1st set 81.16 chs.
By 2nd set 81.06 chs. the mean of which is
81.11 Fall 28 lks. S of Standard cor. of secs. 32 & 33
which is a sandstone 8x6x4 in. above ground
I destroy all traces of old cor. and re-
establish it at same point as follows
Set an iron post 3 ft. long, 3 in. diam. 24
in. in ground for Standard cor. of 32 & 33
marked on brass cap
T25S S32 in NW
R11W S33 in NE, quadrant: dig pits 24x18
x12 in. crosswise on line, E & W 3 ft. & N of post
1 ft. dist; & raise a mound of earth 4 ft. base
2 ft. high, N of cor.
Therefore the course of this line is N 89°48' W.
Thence I run
S 89°48' E on resurvey line on S bdy of sec. 33.

Over gently rolling bench land, NE slope.
14.35 Dim wood road bears N10°E & S10°W.
33.10 Wash 2 ft. deep, 6 lks wide drains N60°E.
Dif. bet. measurements of 40.55 chs by two sets of chainmen is 6 lks: position of middle point
By 1st set 40.52 chs.
By 2nd set 40.58 chs; the mean of which is
40.55 Set an iron post 3 ft. long, 1 in diam, 26 in. in ground for 1/4 sec. cor. Standard, marked on brass cap 1/4 S33 on N half; dig pits 18X18X12 in. E & W of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, N of cor.
44.50 Dim wood road bears N60°E & S60°W.
81.11 The Standard cor. of secs. 33 & 34.
Land, gently rolling bench NE slope.
Soil, light poor sandy loam with some gravel, 5 to 8 in. deep, medium texture, dry gravel subsoil.
No timber.

West on retracement line on S. bdy. of sec. 32.
Dif. bet. measurements by two sets of chainmen is 4 lks: position of middle point
By 1st set 40.39 chs
By 2nd set 40.35 chs; the mean of which is
40.37 Fall 14 lks. S of old Standard 1/4 sec. cor. which is a sandstone 10X3X3 in. above ground.
I destroy all traces of the old cor. and re-establish it at same point as follows
Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for Standard 1/4 sec. cor. marked on brass cap 1/4 S32 on N half; dig pits 18X18X12 in. E & W of post 3 ft. dist; and raise a mound of earth 3½ ft. base, 1½ ft. high N of cor.
Therefore the course of this line is N 89°48' W.
Moved to cor.
Thence I run
West on retracement line on S. bdy. of sec. 32.
Dif. bet. measurements by two sets of chainmen is 6 lks; position of middle point

Retracement & Resurvey 5th Standard Parallel S. through

By 1st set 40.16 chs.

By 2nd set 40.21 chs; the mean of which is

40.19 Fall 28 lks S. of Standard cor. of secs. 31 & 32 which is a granite 15x12x12 in. above ground, firmly set, marked & witnessed as described by the Surveyor General.

× Therefore the course of this line is N 89° 36' W.

West on retracement line on S bdy. of sec. 31.

Dif. bet. measurements by two sets of chainmen is 6 lks: position of middle point

By 1st set 40.52 chs.

By 2nd set 40.46 chs: the mean of which is,

40.49 Fall 4 lks. N of old Standard 1/4 sec. cor. which is a cedar post greatly decayed, marks nearly obliterated.

I destroy all traces of the old cor. and re-establish it at same point as follows

Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for Standard 1/4 sec. cor. marked on brass cap 1/4 S 31 on N half; dig pits 18x18x12 in. E & W of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, N of cor.

× Therefore the course of this line is S 89° 57' W.

Moved to cor.

Thence I run

West on retracement line on S bdy sec. 31.

Dif. bet. measurements by two sets of chainmen is 2 lks: position of middle point

By 1st set 40.35 chs.

By 2nd set 40.37 chs: the mean of which is

40.36 Fall 15 lks S of Standard cor. of Tps. 25 S. Rs. 11 & 12 W., before described.

Therefore the course of this line is N 89° 47' W.

June 8, 1911.

John W. Dougall
U. S. Transitman

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by John W. Dougall Transitman, United States ~~Deputy Surveyor~~, to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the retracement and re-survey of the 5th Standard Parallel S. through R. 11 W.

showing the respective capacities in which they acted:

Ralph A. Goodbeck, William B. Clark, Chainmen.
Ernest Hamer, Willis Whitman, Chainmen.
, Moundman.
, Moundman.
, Axman.
, Axman.
Lonzo Safford, Flagman.

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted John W. Dougall Transitman, United States ~~Deputy Surveyor~~, in retracing and re-surveying all those parts or portions of the 5th Standard Parallel S through R. 11 W of the Salt Lake Base & meridian, in the State of Utah, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah.

R. A. Goodbeck, William B. Clark, Chainman.
Ernest Hamer, Willis Whitman, Chainman.
, Moundman.
, Moundman.
, Axman.
, Axman.
Lonzo Safford, Flagman.

Subscribed and sworn to before me this tenth day of June, 1911

SEAL

John W. Dougall
U.S. Transitman

6—151

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, John W. Dougall, United States ~~Deputy Surveyor~~ Transitman solemnly swear that, in pursuance of a contract received from Thomas Hull United States Surveyor General for Utah, bearing date 1910 6 day of August, 1910, 19 , I have well, faithfully, and truly, in my proper person, and in strict conformity with the instructions furnished by the United States Sur General for Utah, the Manual of Surveying Instructions, and the laws United States, surveyed all those parts or portions of the retracement and resurvey the Fifth Standard Parallel South, through Range No.11 West of the Salt Lake ~~Base and~~ meridian, in the State of Utah, which are represented i foregoing field notes as having been surveyed by me, and under my direction; and I do further sole swear that all the corners of said survey have been established and perpetuated in strict accordance the Manual of Surveying Instructions, and the special written instructions of the United States Sur General for Utah and in the specific manner described in the field notes, and the foregoing are the original field notes of such survey.

John W. Dougall
~~United States Deputy Surv~~
United States Transit

Subscribed by said John W. Dougall, and sworn to before me this 17 day of April, 1912.

Thomas Hull
U.S.Surveyor-General
for Utah.

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Sept.16, 19

The foregoing field notes of the ~~xxxxxx~~ retracement and resurvey of the Fi Standard Parallel South, through Range No.11 West of the Salt Lake ~~Base~~ and Meridian, Utah,

executed by John W. Dougall under his ~~contract No.~~ special instructions A, dated August 6, 1910, 19 , having critically examined, and the necessary corrections and explanations made, the said field notes, and surveys they describe, are hereby approved.

Thomas Hull
United States Surveyor Gen

I certify that the foregoing transcript of the field notes of the above-described surveys in , has been correctly copied from the original notes on file in this offic

United States Surveyor Gene

6—151

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Page

267

4—679.

BOOK A-382

E.7h.

R.

Filed 4/17/12

FIELD NOTES

OF THE SURVEY OF THE

Subdivision of Township No. 26 South Range No. 11 West

and

Retracent of East Bdy of T. 26 S. R. 11 W.

Of the Salt Lake Base & Meridian,

Utah

AS SURVEYED BY

John W. Dougall, United States ~~Deputy Surveyor~~ Transitman,

Under his ~~Contract~~ Assignment Group No. 5, dated Aug 6, 1910

Survey commenced June 5, 1911

Survey completed June 25, 1911

6—151

Rate E Bdy. 6-03-23

58-74-37

62-52

BOOK A-382

NAMES AND DUTIES OF ASSISTANTS.

William B. Clark	chainman
Willis Whitmore	chainman
Ernest Harmer	moundman
Wilford W. Clyde	axman
Ralph A. Groesbeck	flagman

BOOK A-382

INDEX DIAGRAM.

Township 26 South, Range 11 West

6 59	59 5 58	42 4 42	32 3 32	24 2 24	17 1 16	5
7 56	57 8 55	41 9 40	31 10 31	23 11 22	16 12 15	5
18 53	54 17 52	39 16 39	30 15 29	22 14 21	14 13 13	4
19 49	50 20 48	37 21 37	28 22 27	20 23 20	12 24 11	3
30 46	47 29 44	36 28 35	26 27 26	19 26 19	10 25 9	2
31	43 32	33 33	25 34	18 35	9 36	2

Meanders Page

6—151

PRELIMINARY OATHS OF ASSISTANTS.

WE, William B. Clark and Willis Whitmore

do solemnly swear that we will well and faithfully execute the duties of chainmen; that we will le
chain upon even and uneven ground, and plumb the tally pins, either by sticking or dropping the sam
we will report the true distances to all notable objects, and the true lengths of all lines that we a
measuring, to the best of our skill and ability, and in accordance with instructions given us, in the su
The Subdivision of Township No 26 South Range No. 11 We

William B. Clark, Chai

Willis Whitmore, Chai

Subscribed and sworn to before me this fifth day of June, 1911

SEAL

John W. Dougall
U. S. Transitman

~~WE,~~ I Ernest Harmer and

do solemnly swear that ~~we~~ I will well and truly perform the duties of moundman in the establis
of corners, according to the instructions given ~~us~~ me, to the best of ~~our~~ my skill and ability, in the su
The Subdivision of Township No 26 South Range No 11 We

Ernest Harmer, Moun

, Moun

Subscribed and sworn to before me this fifth day of June, 1911

SEAL

John W. Dougall
U. S. Transitman

~~WE,~~ I Wilford W. Clyde and

do solemnly swear that ~~we~~ I will well and truly perform the duties of axman in the establishment of c
and other duties, according to instructions given ~~us~~ me, to the best of ~~our~~ my skill and ability, in the sur
The Subdivision of Township No 26 South Range No 11 W

Wilford W Clyde, Ax

, Ax

Subscribed and sworn to before me this eighth day of June, 1911

SEAL

John W. Dougall
U. S. Transitman

I, Ralph A. Grossbeck, do solemnly swear that I will well and
perform the duties of flagman according to instructions given me, to the best of my skill and ability, i
survey of The Subdivision of Township No 26 South Range No 11 W

Ralph A. Grossbeck, Flag

Subscribed and sworn to before me this fifth day of June, 1911

SEAL

John W. Dougall
U. S. Transitman

6—131

Retracement of East Bdy. T26S R11W.

Survey commenced June 5, 1911, and executed with a W & L. E. Gurley light mountain transit, no number, with solar attachment.
For full description of instrument see Book A.

June 4, 1911. At my camp which is near the south boundary of sec. 23, T27S, R11W, lat. 38° 27' N, longitude 113° 02' W, at 2 h 41 m. a. m. l. m. t. I observe Polaris at eastern elongation in accordance with instructions in the manual and mark the line thus determined by a tack driven in a wooden hub set in the ground 5.00 chs. North of my station.

After daylight I turn off the azimuth of Polaris 1° 29' to the west and mark the meridian thus determined by a tack driven in a hub, firmly driven in the ground, west of the mark established this a. m.

At 8 h 58 m. a. m. l. m. t. I set off 38° 27' on the lat. arc; 22° 22' N. on the decl. arc: & mark the meridian determined with the solar by a pencil mark on the hub already set 5.00 chs. North of my station: this mark falls 0.2 lns. west of the meridian established by the Polaris observation.

At 2 h 58 m. p. m. l. m. t. I set off 38° 27' on the lat. arc; 22° 24' N. on the decl. arc; & mark the meridian determined with the solar by a pencil mark on the hub already set 5.00 chs. North of my station: this mark falls 0.3 lns. East of the meridian established by the Polaris observation.

Retracement of East Bdy. T26S. R11W.

The solar apparatus by A. M. & P. M. observations defines positions for meridians about 0'11" west & 0'16" east of the meridian established by the Polaris observation: therefore I conclude that the adjustments of the instrument are satisfactory.

The magnetic bearing of the true meridian at 9 o'clock A. M. is N16° 15' West; the angle thus determined gives the mag. decl. 16° 15' East.

June 5, 1911. At 8h 58m. a. m. l. m. t. I set off 38° 30' on the lat. arc; 22° 29' N on the decl. arc; & determine a meridian with the solar at the cor. of Tps. 26 & 27S Rs. 10 & 11 W. heretofore described.

Thence I run

North on retracement line bet. secs. 31 & 36 over nearly level land through scattering growth of shadscale.

40.40 Fall 6 lks W. of old 1/4 sec. cor. which is a cedar post, greatly decayed, marks nearly obliterated. I destroy all traces of the old cor. & re-establish it at same point as follows:

Set an iron post 3 ft. long 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 36 on W. half; S 31 on E. half; dig pits 18 x 18 x 12 in. N & S of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base 1 1/2 ft. high, W of cor.

46.31 Enter plowed ground bears E. & W.: extends west 1.50 chs. east about 1/2 mile

47.25 Leave same bears E & W.

71.50 Wash 6 lks. wide 2 ft. deep, drains N 40° E.

80.80 Fall 12 lks. W of old cor. of secs. 25, 30, 31 & 36: which is a cedar post greatly decayed & marks nearly obliterated.

Retracement of East Bdy T26S R11W.

I destroy all traces of old cor. and re-establish it at same point as follows
Set an iron post 3 ft. long 3 ins. diam. 24 in. in ground for cor. of secs. 25, 30, 31 & 36 marked on brass cap
T26S on N half
R11W S25 in NW
R10W S30 in NE.
S31 in SE.
S36 in SW, quadrant; dig pits 18x18x12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base 2 ft. high W of cor.
Therefore the course of this line is N 0° 05' E.

North on retracement line bet. secs. 25 & 30. Over nearly level land through scattering shad scale.

40.15 Fall 6 lks. W of old ¼ sec. cor. which is a cedar post greatly decayed and marks nearly obliterated.
I destroy all traces of the old cor. & re-establish it at same point as follows
Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S25 on W half; S30 on E half; dig pits 18x18x12 in. N & S of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor.

48.60 Road to Beaver Bottoms bears N 40° E & S 40° W.

80.30 Fall 12 lks. W of cor. of secs. 19, 24, 25 & 30 which is a cedar post greatly decayed & marks nearly obliterated.
I destroy all traces of the old cor. & re-establish it at same point as follows
Set an iron post 3 ft. long, 3 in. diam. 24 in. in ground for cor. of secs. 19, 24, 25 & 30 marked on brass cap

Retracement of East Bdy. T 26 S. R. 11 W.

T 26 S. on N half
R 11 W S 24 in NW
R 10 W S 19 in NE
S 30 in SE
S 25 in SW, quadrant; dig pits 18x18x12 in. in each sec. 5½ ft. dist. & raise a mound of earth 4 ft. base, 2 ft. high W. of cor.
Therefore the course of this line is N 0° 05' E.
June 5, 1911. At this cor. I set off 22° 30' N on the decl. arc, & at 11 h 58 m. l. m. t observe the sun on the meridian, the resulting lat. is 38° 32'.

North on retracement line bet. secs. 19 & 24 Over nearly level land through scattering shad scale.

7.00 Road, Frisco to Smiths, bears N 45° E, & S 45° W.

38.60 Road, Beaver Lake Mo. to Smiths, bears N 65° E, & S 65° W.

40.15 Fall 5 lks. W. of old ¼ sec. cor. which is a cedar post greatly decayed and marks nearly obliterated. I destroy all traces of old cor. & re-establish it at same point as follows.
Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 24 on W half; S 19 on E half dig pits 18x18x12 in. N & S of post 3 ft. dist. & raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor.

80.30 Fall 9 lks. W of cor. of secs. 13, 18, 19 & 24 which is a cedar post greatly decayed and marks nearly obliterated.
I destroy all traces of the old cor. & re-establish it at same point as follows.
Set an iron post 3 ft. long, 3 in. diam. 26 in. in ground for cor. of secs. 13, 18, 19 & 24 marked on brass cap.

Retracement of East Bdy. T26S R11W.

T26S on N half
R11W S13 in NW
R10W S18 in NE
S19 in SE
S24 in SW, quadrant; dig pits 18x18 x12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base 2 ft. high W of cor.
Therefore the course of this line is N0°04'E.

North on retracement line bet. secs. 13 & 18. Over nearly level land through scattering shadscale.

4.62 Road, wood, bears S80°E, & N80°W.

31.90 Road, Truro to Blackrock bears N25°E, & S25°W.

40.04 Fall 7 lks. W of old ¼ sec. cor. which is a cedar post greatly decayed marks nearly obliterated. I destroy all traces of old cor. & re-establish it at same point as follows-
Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S13 on W half; S18 on E half; dig pits 18x18x12 in. N & S of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high W of cor.

40.50 South end of plowed ground bears W 2.50 chs.

74.50 North end of plowed ground bears W 1.00 ch.

80.08 Fall 14 lks. W of cor. of secs. 7, 12, 13 & 18 which is a cedar post greatly decayed & marks nearly obliterated.
I destroy all traces of the old cor. & re-establish it at same point as follows-
Set an iron post 3 ft. long, 3 in. diam. 24 in. in ground for cor. of secs. 7, 12, 13 & 18 marked on brass cap
T26S on N half
R11W S12 in NW

R 10 W S 7 in NE
S 18 in SE
S 13 in SW, quadrant; dig pits 18 x 18 x 12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base 2 ft. high W of cor. Therefore the course of this line is N 8° 06' E.

June 5, 1911.

June 6, 1911. At 8 h 58 m. a. m. l. m. t. I set off 38° 34' on the lat. arc; 22° 36' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 7, 12, 13 & 18.
Thence I run
North on retracement line bet. secs. 7 & 12.
Over nearly level land through scattering chaparral.

7.00 Enter scattering greasewood bears E. & W.
12.00 Leave same, bears E. & W.
32.55 Old dim wood road bears N 40° E & S 40° W
40.70 Fall 7 lks. W of old ¼ sec. cor. which is a cedar post greatly decayed & marks nearly obliterated.
I destroy all traces of the old cor. & re-establish it at same point as follows. Set an iron post 3 ft. long 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 12 on W half; S 7 on E half; dig pits 18 x 18 x 12 in. N & S of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high W of cor.
60.00 Enter thick greasewood bears N 40° W & S 40° E.
81.39 Fall 15 lks. W. of cor. of secs. 1, 6, 7 & 12 which is a cedar post greatly decayed and marks nearly obliterated.
I destroy all traces of the old cor. & re-establish it at same point as follows. Set an iron post 3 ft. long, 3 in. diam. 24 in. in ground for cor. of secs. 1, 6, 7 & 12 marked on brass cap

T 26 S on N half
R 11 W S 1 in NW
R 10 W S 6 in NE
S 7 in SE
S 12 in SW, quadrant; dig pits 18 x 18 x 12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft high, W of cor.
Therefore the course of this line is N 0° 06' E.

North on retracement line bet. secs. 1 & 6
Over nearly level land through greasewood
7.25 Wood road bears N 70° E & S 70° W.
40.11 Fall 5 lks W of old ¼ sec. cor. which is a cedar post, greatly decayed and marks nearly obliterated.
I destroy all traces of the old cor. & re-establish it at same point as follows.- Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 1 on W half; S 6 on E half; dig pits 18 x 18 x 12 in. N & S of post 3 ft. dist; & raise a mound of earth 3 ft. base, 1½ ft. high, W of cor.
80.36 Intersect 5th Standard Parallel South 9 lks West of S. C. of of Tps. 25 S, Rs 10 & 11 W which is a cedar post greatly decayed and marks nearly obliterated.
I destroy all traces of the old cor. & re-establish it at same point as follows
Set an iron post 3 ft. long 3 in. diam. 24 in. in ground for S. C. of Tps. 25 S, Rs 10 & 11 W, marked on brass cap
T 25 S on N half
R 11 W S 36 in NW
R 10 W S 31 in NE, quadrant, dig pits 30 x 24 x 12 in. crosswise

Retracement of East Boundary T.26 S R.11 W

on each line, E & W 4 ft and N. of post 8 ft. dist; & raise a mound of earth 5 ft. base, 2½ ft. high, N of cor.
Therefore the course of this line is N 0°04' E.

June 6, 1911.

June 6, 1911. At this cor. I set off 22° 37' N on the decl. arc; and at 11 h 58 m. l. m. t. observe the sun on the meridian the resulting lat. is 38° 36'.

Latitudes, Departures and Closing Errors.

Lines Designated	True Bearing	Distance chs.	Latitudes N. chs.	Latitudes S. chs.	Departures E. chs.	Departures W. chs
S.Bdy.T.26 S.R.11 W.	West	482.27	[illegible]	.....	.....	482.27
W.Bdy.T.26 S.R.11	North	485.08	485.08	.....	.....	.....
S.Bdy.sec.31 from CC. of Guide Mer.	S.89°47'E.	38.64	.....	.15	38.64	.....
S.Bdy.sec.31 T.25 S R.11 W.	N.89°57'E.	40.49	.04	.....	40.49	.....
S.Bdy.sec.32 T.25 S. R.11 W.	S.89°36'E.	40.19		.28	40.19	
S.Bdy.sec.32 T.25 S. R.11 W.	S.89°48'E.	40.37		.15	40.37	
S.Bdy.sec.33 T.25 S. R.11 W.	S.89°48'E.	81.11		.28	81.11	
S.Bdy.sec.34 T.25 S. R.11 W.	S.89°50'E.	40.25		.12	40.25	
S.Bdy.sec.34 T.25 S. R.11 W.	S.89°50'E.	40.39		.12	40.39	
S.Bdy.sec.35 T.25 S. R.11 W.	N.89°51'E.	80.44	.21	.21	80.44	
S.Bdy.sec.36 T.25 S. R.11 W.	S.89°24'E.	80.14		.84	80.14	
E.Bdy.sec.1 T.26 S. R.11 W.	S. 0°04'W.	80.36		80.36		.09
E.Bdy.secs.12&13 T.26 S.R.11 W.	S. 0°06'W.	161.47		161.47		.28
E.Bdy.sec.24 T.26 S. R.11 W.	S. 0°04'W.	80.30		80.30		.09
E.Bdy.secs.25&36 T.26 S.R.11 W.	S. 0°05'W.	161.10		161.10		.23
Convergency					.57	
	Totals		485.33	485.17	482.59	482.90
			485.17	[illegible]	Error in Dep.	482.59
	Error in lat.		.16	[illegible]		.31

Subdivision T26 S R11W

Survey commenced June 9, 1911 and executed with a W. & L. E. Gurley light mountain transit, no number with solar attachment.

For full description of the instrument see Book A. of this survey.

Knowing my instrument is in perfect adjustment from recent observations on Polaris.

At 1h 59m. a. m. l. m. t. I set off 38° 30' on the lat. arc; 22° 54' N on the decl. arc; and determine a meridian with the solar at the cor. of secs. 1, 2, 35 & 36 on S. bdy. of Tp. heretofore described. Thence I run.

N 0° 04' E bet. secs. 35 & 36

Over gently rolling bench land.

10.10 Enter white sage bears E & W.

32.00 Leave same bears N 45° E & S 45° W.

32.10 Wash 3 ft. deep 10 lks wide drains N 60° E.

40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 35 on W half; S 36 on E half; dig pits 18 x 18 x 12 in. N & S of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor.

80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 25, 26, 35 & 36, marked on brass cap.

T26 S S26 in NW

R11W S25 in NE

S36 in SE

S35 in SW, quadrant; dig pits 18 x 18 x 12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor.

Land, gently rolling bench, E slope.

Soil, good brown sandy loam, 5 to 18 in. deep, fine texture, dry, clay subsoil.

No timber.

East on random line bet. secs. 25 & 36.

40.00 Set temp 1/4 sec. cor.

Subdivision T26S R11W.

79.98 Intersect E. bdy. of Tp. 80 lks S0°05'W of cor. of secs. 25, 30, 31 & 36. heretofore described
Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for closing cor. of secs. 25 & 36 marked on brass cap
T26S on N half
CCR10W S30 S31 on E half
R11W S36 in SW
S25 in NW, quadrant; dig pits 24x18x12 in. crosswise on each line, N & S 3 ft. and W of post 7 ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor.
I destroy all marks on cor. of secs. 25, 30, 31 & 36 that pertain to secs. 25 & 36
Thence I run
West on true line bet. secs. 25 & 36.
Over gently rolling bench land, E slope, through shadscale.
23.98 Leave shadscale bears N30°W & S30°E.
29.10 Enter plowed ground bears N & S.
34.00 Leave same bears N & S. Contains about 10 acres.
39.99 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S25 on N half; S36 on S half; dig pits 18x18x12 in. E & W of post, 3 ft. dist; & raise a mound of earth 3/2 ft. base, 1/2 ft. high, N of cor.
79.98 The cor. of secs. 25, 26, 35 & 36.
Land, gently rolling, E slope.
Soil, good brown sandy loam 5 to 16 in. deep, medium texture, dry, clay subsoil.
No timber.

N0°04'E bet. secs. 25 & 26.
Over gently rolling bench land.
8.90 Wood road bears N50°E & S50°W.
14.56 Road, Frisco to Smiths bears N45°E and S45°W.
31.30 Enter shadscale, bears N70°W & S70°E.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap, 1/4 S26 on W half; S25 on E half; dig pits 18x

Subdivision T26S R11W.

18x12in. N & S of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor.

60.20 Road, Trisco to Blackrock bears N35°E & S35°W.

78.20 Road, Beaver Lake Mts. to Smiths bears N60°E & S60°W.

80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 23, 24, 25 & 26 marked on brass cap

T26S S23 in NW

R11W S24 in NE

S25 in SE

S26 in SW, quadrant; dig pits 18x18x12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor.

Land, gently rolling bench, E slope.

Soil, good brown sandy loam, 10 to 24 in deep, medium texture, dry, clay subsoil.

No timber.

June 9, 1911. At this cor. I set off 22°54' on the decl. arc; and at 11 h 59 m. l.m.t. observe the sun on the meridian, the resulting lat. is 38°32' N.

East on random line bet. secs. 24 & 25.

40.00 Set temp. ¼ sec. cor.

79.96 Intersect E. bdy. of Tp. 1.10 chs. S0°05' W. of cor. of secs. 19, 24, 25 & 30, heretofore described.

Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for closing cor. of secs. 24 & 25 marked on brass cap

T26S on N half

CC R10W S19 S30 on E half

R11W S25 in SW,

S24 in NW, quadrant; dig pits 24x18x12 in. crosswise on each line, N & S 3 ft. & W of post 7 ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor.

I destroy all marks on cor. of secs. 19, 24,

	25 & 30 that pertain to secs. 24 & 25. ✓
	Thence I run
	West on true line bet. secs. 24 & 25.
	Over gently rolling land.
7.60	Road, Trisco to Smiths bears N 45° E & S 45° W.
39.98	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 24 on N half; S 25 on S half; dig pits 18 x 18 x 12 in. E & W of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N of cor. ✓
68.60	Road, Trisco to Blackrock bears N 35° E & S 35° W.
71.95	Enter shadscale bears N 10° E & S 10° W.
73.95	S. end of plot of plowed ground, about 10 acres, N 1.00 ch.
75.15	Enter plowed ground bears N & S.
76.40	Road, Beaver Lake Mts. to Smiths bears N 60° E & S 60° W.
78.06	Leave plowed ground bears N & S.
79.96	The cor. of secs. 23, 24, 25 & 26.
	Land, gently rolling bench, E slope.
	Soil, good brown sandy loam 8 to 12 in. deep, medium texture, dry, white clay subsoil.
	No timber.
	June 9, 1911. At 1 h 59 m. p. m. l. m. t. I set off 38° 32' on the lat. arc; 22° 55' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 23, 24, 25 & 26.
	Thence I run
	N 0° 04' E bet. secs. 23 & 24.
	Over gently rolling bench land through shadscale.
13.00	Leave shadscale bears N 45° E & S 45° W.
36.20	Enter shadscale bears E & W.
39.80	Enter plowed ground bears N 10° W & S 10° E.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass

cap 1/4 S23 on W half; S24 on E half; dig pits 18x18x12 in. N & S of post 3 ft. dist; & raise a mound of earth 3/2 ft. base, 1/2 ft. high, W of cor.

41.70 Leave plowed ground bears E & W.

80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 13, 14, 23 & 24 marked on brass cap

T26S S14 in NW

R11W S13 in NE

S24 in SE

S23 in SW, quadrant; dig pits 18x18x12 in. in each sec. 5/2 ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high W of cor.

Land, gently rolling bench, E slope.

Soil, good brown sandy loam 8 to 12 in. deep, medium texture, dry, white clay subsoil

No timber.

East on random line bet. secs. 13 & 24.

40.00 Set temp. 1/4 sec. cor.

80.00 Intersect E. bdy. of Tp. 1.40 chs. S0°04'W of cor. of secs. 13, 18, 19 & 24. heretofore described.

Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for closing cor. of secs. 13 & 24 marked on brass cap,

T26S on N half

C C R10W S18 S19 on E half

R11W S24 in SW

S13 in NW, quadrant; dig pits 24x18x12 in. crosswise on each line N & S 3 ft; & W of post 7 ft. dist; & raise a mound of earth 4 ft. base 2 ft. high, W of cor.

I destroy all marks on cor. of secs. 13, 18, 19 & 24, that pertain to secs. 13 & 24.

Thence I run

West on true line bet. secs. 13 & 24.

Over gently rolling bench land through shadscale.

6.00 Leave shadscale bears N20°E & S20°W.

Subdivision T 26 S R 11 W

20.85 Road Frisco to Blackrock bears N 30° E & S 30° W.
26.00 Top of low sandridge bears N 30° E & S 30° W. Dra
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 13 on N half; S 24 on S half; dig pits 18 x 18 x 12 in. E & W of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N of cor.
40.25 Enter shadscale bears N 45° E & S 45° W.
80.00 The cor. of secs. 13, 14, 23 & 24.
Sand, gently rolling bench,
Soil, good brown sandy loam, 9 to 28 in. deep, medium texture, dry, clay subsoil.
No timber.

June 9, 1911.

June 10, 1911. At 8 h 29 m. a. m. l. m. t. I set off 38° 33' on the lat. arc; 22° 59' N on the decl. arc; & determ a meridian with the solar at the cor. of secs. 13, 14, 23 & 24.
Thence I run
N 0° 04' E bet. secs. 13 & 14
Over gently rolling bench land through shadscale.
16.50 Dim wood road bears E & W.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 14 on W half; S 13 on E half; dig pits 18 x 18 x 12 in. N & S of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W of cor.
43.30 Top of low bench 8 ft. high bears S 60° W & N 60° E.
63.60 Wood road bears N 65° E & S 65° W.
63.90 Wash 4 ft. deep, 20 lks wide, drains N 65° E.
78.25 Enter plowed ground bears N 85° E, & S 85° W.
80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 11, 12, 13 & 14 brass marked on brass cap
T 26 S S 11 in NW
R 11 W S 12 in NE
S 13 in SE
S 14 in SW, quadrant; dig pits 18 x 18 x 12

Subdivision T26 S R11W.

in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor.
Land, gently rolling bench, E slope.
Soil, good brown sandy loam, 10 to 20 in. deep, medium texture, dry, clay subsoil.
No timber.

East on random line bet. secs. 12 & 13.
40.00 Set temp. ¼ sec. cor.
80.12 Intersect E. bdy. of Tp. 1.48 chs. S 0°06' W of cor. of secs. 7, 12, 13 & 18, heretofore described
Set an iron post 3 ft long, 2 in. diam. 24 in. in ground for closing cor. of secs. 12 & 13, marked on brass caps
T26S on N half
CC R10W S7 S18 on E half
R11W S13 in SW
S12 in NW, quadrant; dig pits 24 x 18 x 12 in. crosswise on each line, N & S 3 ft; and W of post 7 ft. dist; & raise a mound of earth 4 ft base, 2 ft. high, W of cor. I destroy marks on cor. set for secs. 7-12-13 & 18 pertaining to secs. 12 & 13. Thence I run
West on true line bet. secs. 12 & 13.
Over gently rolling bench land through greasewood & shadscale.
20.00 Leave greasewood bears N 10° E & S 10° W.
40.06 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass caps ¼ S12 on N half; S13 on S half; dig pits 18 x 18 x 12 in. E & W of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, N of cor.
42.50 Wood road bears N 50° E & S 50° W.
43.80 Wash 3 ft. deep, 20 lks. wide drains N 50° E.
71.55 Enter plowed ground bears N & S.
80.12. The cor. of secs. 11, 12, 13 & 14.
Land, gently rolling bench, NE slope.
Soil, brown sandy loam, 4 to 20 in. deep medium texture, dry, clay subsoil.
No timber.
June 10, 1911. At this cor. I set off 22°59' N on the

Subdivision T26S R11W.

decl. arc; and at 11 h 59 m l. m. t. observe the sun on the meridian, the resulting lat. is 38° 34' N.

N 0° 04' E bet. secs. 11 & 12
Over gently rolling bench land sloping E, through plowed ground.
1.15 Leave plowed ground bears E & W, outer shadscale.
29.90 Wash 1 ft. deep 8 lks. wide, drains N 60° E.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 11 on W half; S 12 on E half; dig pits 18 x 18 x 12 in. N & S of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor.
41.80 Wood road bears N 40° E & S 40° W.
80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 1, 2, 11 & 12 marked on brass cap
T26S S2 in NW
R11W S1 in NE
S12 in SE
S11 in SW, quadrant; dig pits 18 x 18 x 12 in. in each sec. 5 1/2 ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor.
Land, gently rolling bench, E slope.
Soil, clay loam, 5 to 15 in. deep, fine texture, dry, clay subsoil.
No timber.

June 10, 1911. At 1 h 59 m. p. m. l. m. t. I set off 38° 35' on the lat. arc; 23° 00' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 1, 2, 11 & 12.
Thence I run
E on random line bet. secs. 1 & 12.
40.00 Set temp. 1/4 sec. cor.
80.12 Intersect E. bdy. of Tp. 2.88 chs. S 0° 06' W of cor. of secs. 1, 6, 7 & 12, heretofore described

Subdivision T 26 S R 11 W

Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for closing cor. of secs. 1 & 12 marked on brass cap
T 26 S on N half
C C R 10 W S 6 S 7 on E half
R 11 W S 12 in SW
S 1 in NW, quadrant; dig pits 24 x 18 x 12 in. crosswise on each line N & S 3 ft. & W of post 7 ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor. I destroy marks on cor. set for secs. 1 & 6-7 & 12 pertaining to secs 1 & 12. Thence I run West on true line bet. secs. 1 & 12.
Over gently rolling bench land through greasewood.
8.10 Wash 1 ft. deep 6 lks wide, drains S 40° E.
20.00 Dim wood road bears N 70° E & S 70° W.
20.10 Leave greasewood: enter shadscale bears N 20° W & S 20° E.
40.06 Set an iron post 3 ft. long 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 1 on N half; S 12 on S half; dig pits 18 x 18 x 12 in E & W of post 3 ft. dist; & raise a mound of earth 3/2 ft. base, 1/2 ft. high, N of cor.
80.12 The cor. of secs. 1, 2, 11 & 12.
Land, gently rolling bench, E slope.
Soil, light clay loam 4 to 10 in. deep. fine texture, dry, clay subsoil.
No timber.

N 0° 04' E bet. secs. 1 & 2.
Over gently rolling bench land through shadscale.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 2 on W half; S 1 on E half; dig pits 18 x 18 x 12 in. N & S of post 3 ft. dist; & raise a mound of earth 3/2 ft. base, 1/2 ft. high, W of cor.
41.30 Enter plowed ground bears E & W.
46.85 Leave same, bears E & W.
84.13 Intersect 5th Standard Parallel South at the cor. of secs. 35 & 36, heretofore described.
Mark brass cap on same as follows

Subdivision T26S R11W.

C C on S half
R10W S1 in SE
T26S S2 in SW, quadrant; raise a mound of stone 2 ft. base, 1/2 ft. high, S of cor.
Land, gently rolling bench, E slope.
Soil, good brown clay loam 5 to 18 in. deep, medium texture, dry, clay subsoil.
No timber.

June 10, 1911.

June 12, 1911. At 8h 00m. a.m. l. m.t. I set off 38° 30' on the lat. arc; 23°08' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 2, 3, 34 & 35 on S. bdy. of Tp. heretofore described.
Thence I run
N 0°04' E bet. secs. 34 & 35.
Over gently rolling bench land through white sage.

2.00 Leave white sage; enter sagebrush bears E & W.
17.00 Road, Frisco to Smiths bears N 45° E & S 45° W.
30.85 Road, Frisco to Blackrock, bears N 45° E & S 45° W.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 34 on W half; S 35 on E half; dig pits 18 x 18 x 12 in. N & S of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1/2 ft. high, W of cor.
80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 26, 27, 34 & 35, marked on brass cap
T26S S27 in NW
R11W S26 in NE
S 35 in SE
S 34 in SW, quadrant; dig pits 18 x 18 x 12 in. in each sec. 5/2 ft. dist; & raise a mound of earth 4 ft. base 2 ft. high. W of cor.
Land, gently rolling bench, E slope.
Soil, good rich brown sandy loam, 6 to 24 in. deep, medium texture, dry, clay subsoil.
No timber.

Subdivision T26S R11W.

East on random line bet. secs. 26 & 35.
40.00 Set temp. 1/4 sec. cor.
80.00 Intersect N & S line 2 lks. S of cor. of secs. 25, 26, 35 & 36.
Thence I run
S 89° 59' W on true line bet. secs. 26 & 35
Over gently rolling bench land N & slope.
18.45 Road, Frisco to Smiths bears N 45° E & S 45° W.
25.90 Enter white sage bears N & S.
35.60 Road, Frisco to Blackrock bears N 45° E & S 45° W.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 26 on N half; S 35 on S half; dig pits 18 x 18 x 12 in E & W of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N of cor.
48.00 Leave white sage: enter sagebrush bears N & S.
80.00 The cor. of secs. 26, 27, 34 & 35.
Land, gently rolling bench, E slope.
Soil, good rich brown sandy loam, 6 to 24 in. deep, medium texture, dry; clay subsoil.
No timber.

N 0° 04' E bet. secs. 26 & 27.
Over gently rolling bench land.
36.00 Low ridge bears E & W. Desc. gently.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 27 on W half; S 26 on E half; dig pits 18 x 18 x 12 in. N & S of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W of cor.
42.25 Road, Beaver Lake Mts. to Smiths bears N 60° E & S 60° W.
80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 22, 23, 26 & 27 marked on brass cap
T 26 S S 22 in NW.
R 11 W S 23 in NE
S 26 in SE
S 27 in SW. quadrant; dig pits 18 x 18 x 12 in. in each sec. 5 1/2 ft. dist; & raise a mound.

of earth 4 ft. base, 2 ft. high, W of cor.
Land, gently rolling bench.
Soil, good brown clay loam, 10 to 20 in. deep, medium texture, dry, clay subsoil.
No timber.
June 12, 1911. At this cor. I set off 23° 08' N on the decl. arc; and at 12 h 00 m. l. m. t. observe the sun on the meridian, the resulting lat. is 38° 32'.

N 89° 59' E on random line bet. secs. 23 & 26.
40.00 Set temp 1/4 sec. cor.
80.10 Intersect N & S line 5 lks. S of cor. of secs. 23, 24, 25 & 26
Thence I run
S 89° 57' W on true line bet. secs. 23 & 26.
Over gently rolling bench land through shadscale.
14.80 Leave shadscale: enter white sage bears N 10° W & S 10° E.
40.05 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 23 on N half; S 26 on S half; dig pits 18 x 18 x 12 in. E & W of post 3 ft. dist; & raise a mound of earth 3/2 ft. base, 1/2 ft. high, N of cor.
47.80 Leave white sage bears N & S.
72.20 Enter plowed ground bears N. 13 chs and S. 7 chs
77.90 Leave same bears N & S: enter sagebrush.
80.10 The cor. of secs. 22, 23, 26 & 27.
Land, gently rolling bench.
Soil, good brown clay loam, 10 to 18 in. deep, medium texture, dry, clay subsoil.
No timber.

N 0° 04' E bet. secs. 22 & 23.
Over gently rolling bench land.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 22 on W half; S 23 on E half; dig pits 18 x 18 x 12 in. N & S of post, 3 ft. dist; & raise a

mound of earth 3½ ft. base, 1½ ft. high, W of cor.
80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in in ground for cor. of secs. 14, 15, 22 & 23 marked on brass cap
T26S S15 in NW
R11W S14 in NE
S23 in SE
S22 in SW, quadrant; dig pits 18x18x12 in in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor.
Land, gently rolling bench.
Soil, clay loam with some gravel, medium texture, dry, clay & gravel subsoil
No timber.

June 12, 1911.

June 13, 1911. At 8h 00m a.m. l.m.t. I set off 38°33' on the lat. arc; 23°11' N on the decl arc; & determine a meridian with the sun at the cor. of secs. 14, 15, 22 & 23.
Thence I run
N 89°57' E on random line bet. secs. 14 & 23.
40.00 Set temp ¼ sec. cor.
80.08 Intersect N & S line 3 lks. S of cor. of secs. 13, 14, 23, & 24.
Thence I run
S 89°56' W on true line bet. secs. 14 & 23.
Over gently rolling bench land through shadscale.
38.50 Leave shadscale; enter sagebrush bears N & S.
40.04 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S14 on N half; S23 on S half; dig pits 18x18x12 in. E & W of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, N of cor.
80.08 The cor. of secs. 14, 15, 22 & 23.
Land, gently rolling bench.
Soil, light sandy loam with some

gravel u 10 in. deep, medium texture
dry, gravel u clay subsoil.
No timber.

N 0° 05' E bet. secs. 14 & 15.
Overgently rolling land through sagebrush
20.45 Wood road bears E & W.
37.00 Leave sagebrush; enter greasewood bears
N 79° E & S 79° W.
37.20 Wood road bears N 60° E & S 60° W.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in
in ground for 1/4 sec. cor. marked on brass
cap 1/4 S 15 on W half; S 14 on E half; dug pits
18 x 18 x 12 in. N & S of post 3 ft. dist; & raise a
mound of earth 3 ft. base, 1½ ft. high, W of cor.
59.00 Leave greasewood, enter chaparral, bears
N 80° E & S 80° W.
77.40 Leave chaparral bears N 80° W & S 80° E.
80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in.
in ground for cor. of secs. 10, 11, 14 & 15 marked
on brass caps
T 26 S 10 on NW
R 11 W S 11 on NE
S 14 on SE
S 15 on SW quadrant; dug pits 18 x 18 x 12 in
in each sec. 3/2 ft. dist; & raise a mound
of earth 4 ft. base, 2 ft. high, W of cor.
Land, gently rolling beside E slope.
Soil, light sandy loam, with some gravel
medium texture, dry, clay & gravel subsoil.
No timber.

N 89° 56' E on random line bet. secs. 11 & 14.
40.00 Set temp. 1/4 sec. cor.
80.04 Intersect N & S line 4 chs. N of cor. of secs.
11, 12, 13 & 14.
Thence I run
W'ly on true line bet. secs. 11 & 14
Overgently rolling land through plowed
ground.

Subdivision T26 S R11 W.

3.00	Leave plowed ground bears N & S; enter shadscale.
40.02	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S11 on N half; S14 on S half; dig pits 18 x 18 x 12 in. E & W of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N of cor.
44.60	Wood road bears N45° E & S45° W.
56.00	Leave white sage bears N & S.
80.04	The cor. of secs. 10, 11, 14 & 15.
	Land, gently rolling bench, E slope.
	Soil, good brown sandy loam, 5 to 15 in. deep, medium texture, dry, clay & gravel subsoil.
	No timber.
	June 13, 1911. At this cor. I set off 23° 12' N on the decl. arc; and at 12 h 00 m. l. m. t. observe the sun on the meridian, the resulting lat. is 38° 34' N.

	N0° 04' E bet. secs. 10 & 11.
	Over gently rolling bench land, E slope.
10.00	Enter white sage bears E & W.
15.00	Leave white sage bears E & W.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S10 on W half; S11 on E half; dig pits 18 x 18 x 12 in. N & S of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high W of cor.
45.35	Enter plowed ground bears E & W.
56.25	Leave same, bears E & W.
80.00	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 2, 3, 10 & 11, marked on brass cap
	T26 S S3 in NW
	R11 W S2 in NE
	S11 in SE
	S10 in SW, quadrant; dig pits 18 x 18 x 12 in in each sec. 5 1/2 ft. dist; & raise a mound

of earth 4 ft. base, 2 ft. high, W of cor.
Land, gently rolling bench, E slope.
Soil, good brown sandy loam, 6 to 16 in. deep, medium texture, dry, clay & gravel subsoil.
No timber.

June 13, 1911. At 2 h. 00 m. p.m. l.m.t. I set off 38° 35' on the lat. arc; 23° 12' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 2, 3, 10 & 11.
Thence I run
East on random line bet. secs. 2 & 11.
40.00 Set temp. 1/4 sec. cor.
80.02 Intersect N & S line 14 lks. S of cor. of secs. 1, 2, 11 & 12.
Thence I run
S 89° 54' W on true line bet. secs. 2 & 11.
Over gently rolling bench land through shadscale.
14.75 Enter plowed ground bears N & S.
24.65 Leave same bears N & S.
40.01 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 2 on N half; S 11 on S half; dig pits 18 X 18 X 12 in. E & W of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N of cor.
80.02 The cor. of secs. 2, 3, 10 & 11.
Land, gently rolling bench.
Soil, sandy loam 4 to 10 in. deep, medium texture dry, clay subsoil,
No timber.

N 0° 04' E bet. secs. 2 & 3.
Over gently rolling bench land.
21.00 Enter shadscale bears N 20° E & S 20° W.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 3 on W half; S 2 on E half; dig pits 18

Subdivision T 26 S R 11 W.

18x12 in. N & S of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor.

50.00 Enter plowed ground bears N 10° E & S 10° W.

55.25 Leave same bears E & W.

82.00 Top of bench 20 ft. high bears E & W.

84.16 Intersect 5th Standard Parallel South 34 lks. N 89°51' E of S.C. of secs. 34 & 35 heretofore described.

Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for closing cor. of secs. 2 & 3 marked on brass cap.

CC T 25 S R 11 W S 34 S 35 on N half

S 2 in SE

S 3 in SW, quadrant; dig pits 24x18x12 in. crosswise on each line, E & W 3 ft. & S of post, 7 ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, S of cor.

Land gently rolling bench E slope.

Soil, good sandy loam, 5 to 10 in. deep medium texture, dry, clay & gravel subsoil.

No timber.

June 13, 1911.

June 14, 1911. At 7 h. 30 m. a. m. l. m. t. I set off 38°30' on the lat. arc; 23°15' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 3, 4, 33 & 34 on S bdy. of Tp. heretofore described

Thence I run

N 0°03' E bet. secs. 33 & 34.

Over gently rolling bench land, E slope, through sagebrush.

40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 33 on W half; S 34 on E half; dig pits 18x18x12 in. N & S of post, 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor.

60.00 Wash 6 ft. deep, 50 lks. wide drains S 85° E.

80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 27, 28, 33 & 34

marked on brass cap
T26S S28 in NW
R11W S27 in NE
S34 in SE
S33 in SW, quadrant, dig pits 18x18x12 in
in each sec. 5½ ft. dist; & raise a mound
of earth 4 ft. base, 2 ft. high, W of cor.
Land, gently rolling bench, E slope.
Soil, light sandy loam with some gravel
4 to 10 in. deep, coarse texture, dry, gravel
subsoil.
No timber.

East on random line bet. secs. 27 & 34.
40.00 Set temp. ¼ sec. cor.
80.06 Intersect N & S line 5 lks. S of cor. of secs.
26, 27, 34 & 35.
Thence I run
S 89° 58' W on true line bet. secs. 27 & 34.
Over gently rolling bench land through
sagebrush.
20.20 Road, Milford to Beaver Lake Mts. bears
N 10° W & S 10° E.
40.03 Set an iron post 3 ft. long, 1 in. diam. 26 in.
in ground for ¼ sec. cor. marked on brass
cap ¼ S27 on N half; S34 on S half; dig pits 18
x18x12 in. E & W of post 3 ft. dist; & raise a
mound of earth 3½ ft. base, 1½ ft. high, N of cor.
65.35 Wash 2 ft. deep 25 lks. wide, drains S 60° E.
80.06 The cor. of secs. 27, 28, 33 & 34.
Land, gently rolling bench E slope.
Soil, good sandy loam, 4 to 18 in. deep
coarse texture, dry, clay & gravel subsoil.
No timber.

N 0° 03' E bet. secs. 27 & 28.
Over gently rolling bench land through
sagebrush.
6.95 Wash 3 ft. deep, 15 lks. wide drains S 60° E.
7.85 Road, Beaver Lake Mts. to Smith's bears

Subdivision T26S R11W.

N60°E & S60°W.

40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S28 on W half; S27 on E half; dig pits 18x18x12 in. N & S of post. 3 ft. dist; & raise a mound of earth 3/2 ft. base, 1/2 ft. high, W of cor.

76.00 Wood road bears E & W.

80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 21, 22, 27 & 28 marked on brass cap

T26S S21 in NW

R11W S22 in NE

S27 in SE

S28 in SW, quadrant; raise a mound of stone 2 ft. base 1/2 ft. high, W of cor.

Pits impracticable.

Land, gently rolling bench, SE slope.

Soil, good sandy loam, 5 to 12 in. deep coarse texture, dry, clay & gravel subsoil.

No timber.

June 14, 1911. At this cor. I set off 23°15' N on the decl. arc; and at 12h 00 m. l. m. t. observe the sun on the meridian the resulting lat is 38° 32' N.

N89°58' E on random line bet. secs. 22 & 27

40.00 Set temp. 1/4 sec. cor.

80.10 Intersect N & S line, 9 lks. N of cor. of secs. 22, 23, 26 & 27.

Thence I run

N89°58' W on true line bet. secs. 22 & 27.

Over gently rolling bench land through sagebrush.

35.50 Leave bench, ascend., N20°W & S20°E.

36.20 Road, Milford to Beaver Lake Mts. bears N20°W & S20°E.

40.05 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S22 on N half; S27 on S half; dig pits

	18x18x12 in. E & W of post, 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, N of cor.
49.05	Shaft, trav. N. 50 lks.
55.60	Top of spur 300 ft. above bench proj. N.
57.35	Head of draw 65 ft. below spur drains N.
62.50	Top of rocky ridge 75 ft. above draw bears N 20° W & S 20° E.
79.50	Wash 2 ft. deep, 20 lks. wide drains S 20° E.
80.10	The cor. of secs. 21, 22, 27 & 28.
	E 35.00 chs. gently rolling bench land, E slope. Soil, good brown sandy loam, 6 to 20 in. deep, coarse texture, dry, clay subsoil. W 44.60 chs broken & hilly. Ridges, light coarse sandy loam, stony; slopes, good brown sandy loam with some stones. No timber.
	June 14, 1911. At 2 h 00 m. p. m. l. m. t. I set off 38° 32' on the lat. arc; 23° 15' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 21, 22, 27 & 28. Thence I run N 0° 03' E. bet. secs. 21 & 22. Over rolling land, descend.
1.00	Wash 2 ft. deep, 20 lks. wide drains S 20° E.
14.65	Ridge 200 ft. above cor. bears N 30° W & S 30° E, descend.
16.00	Enter granite boulders bears N 45° W & S 45° E.
38.00	Foot of ridge; leave boulders bears N 40° W & S 40° E.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 21 on W half; S 22 on E half; dig pits 18x18x12 in. N & S of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor.
57.30	Wash 2 ft. deep, 30 lks. wide drains E.
67.45	Road, Milford to Beaver Lake Mts. bears N 20° W & S 20° E.

Subdivision T26S R11W.

74.10	Wood road bears N 60° E & S 60° W.
79.40	Wash 5 ft. deep, 25 lks. wide drains N 25° E.
80.00	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 15, 16, 21 & 22 marked on brass cap T26S S16 in NW R11W S15 in NE S22 in SE S21 in SW, quadrant; raise a mound of stone 2 ft. base 1½ ft. high, W of cor. Pits impracticable. S 38.00 chs. broken & hilly with rocky ridges and stony slopes. N 42.00 chs. gently rolling land, E slope. Soil, light poor, sand loam, gravelly, gravel subsoil. No timber
	S 89° 58' E on random line bet. secs. 15 & 22.
40.00	Set temp ¼ sec. cor.
80.08	Intersect N & S line 3 lks. S. of cor. of secs. 14, 15, 22 & 23. Thence I run N 89° 59' W on true line bet. secs. 15 & 22. Over gently rolling bench land through sagebrush.
40.04	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 15 on N half; S 22 on S half; dig pits 18 x 18 x 12 in. E & W of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high N. of cor.
72.65	Wood road bears N 60° E & S 60° W.
79.50	Wash 5 ft. deep 25 lks. wide drains N 25° E.
80.08	The cor. of secs. 15, 16, 21 & 22. Land, gently rolling bench, E slope. Soil, light poor sandy loam, with some gravel, 6 to 10 in. deep, coarse texture, dry gravel subsoil. No timber June 14, 1911.

Subdivision T26SR11W

June 15, 1911. At 7h 30m. a.m. l.m.t. I set off 38°33' on the lat. arc; 23°18' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 15, 16, 21 & 22.

Thence I run

N 0°03' E bet. secs. 15 & 16.

Over rolling land through sagebrush.

5.65 Wash 4 ft. deep, 50 lks. wide drains N 70° E.

10.00 Point of granite rocks 2.00 chs. W.

Remains of old rock house 1.50 chs. W.

20.00 Hoist at Copper Mt. Mine bears S 77°12' W.

Engine House bears S 78°10' W.

Boarding House bears S 79°20' W.

Cabin #1 bears S 87°35' W. Cabin #2 bears S 87°30' W.

Old Rock House bears S 27°45' W.

40.00 Set an iron post 3 ft. long 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S16 on W half; S15 on E half; dig pits 18 x 18 x 12 in. N & S of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor.

From this cor.

Hoist at Copper Mt. Mine bears S 29°25' W.

Engine House bears S 30°30' W.

Boarding House bears S 33°40' W.

Cabin #1 bears S 40° W

Cabin #2 bears S 41°50' W.

Old Rock House bears S 7°45' W.

57.00 Leave sagebrush; enter shadscale bearing N 40° E & S 40° W.

72.40 Wash 2 ft. deep, 20 lks. wide drains S 60° E.

80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 9, 10, 15 & 16, marked on brass cap

T26 S S9 in NW

R11 W S10 in NE

S15 in SE

S16 in SW, quadrant; dig pits 18 x 18 x 12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor.

Subdivision T26 S R11 W.

Land gently rolling bench E slope.
Soil, light poor sandy loam, 5 to 15 in. deep, coarse texture, dry, clay and gravel subsoil.
No timber

S89°59' E on random line bet. secs. 10 & 15
40.00 Set temp. 1/4 sec. cor.
79.98 Intersect N & S line 2 lks. N. of cor. of secs. 10, 11, 14 & 15.
Thence I run
N89°58' W on true line bet. secs. 10 & 15.
Over gently rolling bench land.
39.99 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S10 on N half; S15 on S half; dig pits 18 X 18 X 12 in. E & W of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N of cor.
79.98 The cor. of secs. 9, 10, 15 & 16.
Land, gently rolling bench, E slope.
Soil, sandy loam, 7 to 20 in. deep, medium texture, dry, clay & gravel subsoil.
No timber.

N0°03' E. bet. secs. 9 & 10.
Over gently rolling bench land through shadscale.
33.30 Wash 3 ft. deep, 40 lks. wide drains E.
36.00 S.E. cor. of plowed ground, W 1.00 ch.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S9 on W half; S10 on E half; dig pits 18 X 18 X 12 in. N & S of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor.
June 15, 1911. At this cor. I set off 23°18' N on the decl. arc; and at 12 h 00 m. l. m. t. observe the sun on the meridian the resulting lat. is 38°34' N.
55.00 N.E. cor. of plowed ground bears W 2.00 chs.

Subdivision T26S R11W

68.50 Dim wood road bears N45°E & S45°W.
80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 3, 4, 9 & 10 marked on brass cap
T26S S4 in NW
R11W S3 in NE
S10 in SE
S9 in SW, quadrant; dig pits 18x18x12 in. in each sec. 5½ ft. dist; & raise a mound of earth 4 ft. base, 2 ft. high, W of cor.
Land gently rolling bench, E slope.
Soil, light sandy loam with some gravel medium texture, dry, gravel subsoil.
No timber.

S89°58'E on random line bet. secs. 3 & 10
40.00 Set temp. ¼ sec. cor.
79.90 Intersect N & S line 12 lks. N of cor. of secs. 2, 3, 10 & 11.
Thence I run
N89°53'W on true line bet. secs. 3 & 10
Over gently rolling bench land.
30.00 Enter shadscale bears N20°E & S20°W.
39.95 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S3 on N half; S10 on S half; dig pits 18x18x12 in. E & W of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high N of cor.
59.50 Foot of bench bears N & S.
62.00 Top of bench 30 ft. high bears N & S.
67.70 Dim wood road bears N45°E & S45°W.
79.90 The cor. of secs. 3, 4, 9 & 10.
Land, gently rolling bench, E slope.
Soil, light sandy loam, 6 to 18 in. deep, medium texture, dry, gravel subsoil.
No timber.

June 15, 1911. At 4 h 00 m. p.m. l.m.t. I set off 38°35' on the lat. arc; 23°19' N on the decl. arc; & determine a meridian with the

solar at the cor. of secs. 3, 4, 9 & 10.
Thence I run
N0°03'E bet. secs. 3 & 4.
Over gently rolling bench land, NE. slope through shadscale.
4.64 Wood road bears N60°E & S60°W.
23.40 Wash 4 ft. deep, 10 lks. wide, drains E
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S4 on W half; S3 on E half; dig pits 18 X 18 X 12 in. N & S of post 3 ft. dist; & raise a mound of earth 3/2 ft. base, 1/2 ft. high, W of cor.
46.10 Wood road bears N40°E & S40°W.
84.14 Intersect 5th Standard Parallel South 1.13 chs. S89°50'E of S. C. of secs. 33 & 34 heretofore described.
Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for closing cor. of secs. 3 & 4 marked on brass cap
CC T26SR11W S33 S34 on N half
S3 in SE
S4 in SW, quadrant; raise a mound of stone 2 ft. base, 1/2 ft. high, S of cor.
Pits impracticable.
Land, gently rolling bench, NE slope.
Soil, light floor sandy loam with some gravel & stone, 4 to 12 in. deep, dry, gravel subsoil.
No timber

June 15, 1911.

June 16, 1911. At 7h 45m. a. m. l. m. t. I set off 38°30' on the lat. arc; 23°21' N on the decl. arc; and determine a meridian with the solar at the cor. of secs. 4, 5, 32 & 33 on S. bdy. of Tp. heretofore described.
Thence I run
N0°02'E. bet. secs. 32 & 33.
Over rolling mountainous land along foothills, ascend.
3.25 Spur 50 ft. above cor. proj. S60°E.

Subdivision T26S R11W.

6.70 Draw 50 ft. below spur drains S60°E.
12.80 Spur 100 ft. above draw proj. S70°E.
17.00 Small draw 50 ft. below spur drains E.
29.00 Spur 150 ft. above draw proj. E.
35.00 Draw 150 ft. below spur drains E; enter scattering cedar timber bears N80°W & S80°E.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S33 on W half; S33 on E half; from which
A cedar tree, 7 in. diam. bears
S69°E, 99 lks. dist. marked
1/4 S33 B T
A cedar tree, 6 in. diam. bears
S66°W, 54 lks. dist. marked
1/4 S32 B T.
56.00 Top of rocky spur, 200 ft. above draw proj. E.
67.50 Road, Milford to Skylark Mine bears S80°E & N80°W.
69.00 Mouth of Bromfield Canyon, 200 ft. below spur, drains E.
79.75 Top of spur 150 ft. above canyon proj. S60°E.
80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs 28, 29, 32 & 33 marked on brass cap
T26S S29 in NW
R11W S28 in NE
S33 in SE
S32 in SW. quadrant; from which
A cedar tree 5 in. diam. bear
N33°E. 33 lks. dist. marked
T26S R11W S28 B T
A cedar tree, 8 in. diam. bears
S39°E, 68 lks. dist. marked
T26S R11W S33 B T
A cedar tree 6 in. diam. bears
S23°W. 79 lks. dist. marked
T26S R11W S32 B T
A cedar tree 8 in. diam. bears
N74°W, 1.30 chs. dist. marked
T26S R11W S29 B T.

Subdivision T26S R11W

From this cor. Location Monument at small spring bears N.12°45'W.
Hoist at abandoned mine bears N 30°10'W.
Land, broken & hilly.
Ridges & slopes, light poor sandy soil, with some gravel & rocks, washed; valleys, light poor sandy loam with some gravel; subsoil gravel
Timber, scattering cedar.

East on random line bet. secs. 28 & 33.
40.00 Set temp. 1/4 sec. cor.
80.04 Intersect N & S line 14 lks. S of cor. of secs. 27, 28 33 & 34.
Thence I run
S 89°54' W on true line bet. secs. 28 & 33.
Over gently rolling bench land through sagebrush.
18.90 Road, Beaver Lake Mts. to Smiths bears N 60°E & S 60°W.
40.02 Set an iron post 3 ft. long, 1 in. diam. 26 in in ground for 1/4 sec. cor. marked on brass cap 1/4 S 28 on N half; S 33 on S half; dig pits 18 x 18 x 12 in. E & W of post 3 ft. dist & raise a mound of earth 3/2 ft. base, 1/2 ft. high, N of cor.
51.50 Road, Smiths Spring to Milford bears N 20°W & S 20°E.
56.00 Leave bench; enter mountainous land also scattering cedar bears N 60°W & S 60°E.
80.04 The cor. of secs. 28, 29, 32 & 33.
E. 56.00 chs. gently rolling bench, E slope.
Soil, light sandy loam with some gravel 6 to 10 in. deep, gravel subsoil.
W 24.04 chs. mountainous land, stony N slope.
Timber, scattering cedar.

N 0°02' E bet. secs. 28 & 29.
Over mountainous land through scat-

tering cedar, descend.

4.00 Leave mountainous land; enter rolling land & sagebrush, bears N70°W & S70°E.

24.00 Hoist at abandoned mine bears N72°06'W.

39.23 Location monument at small spring bears S53°07'W.

40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S29 on W half; S28 on E half; from which
A cedar tree, 7 in. diam. bears
N84°45'E, 66 lks. dist. marked
1/4 S28 B J
A cedar tree 10 in. diam. bears
N55°W, 33 lks. dist. marked
1/4 S29 B J

June 16, 1911. At this cor. I set off 23°21' N on the decl. arc; and at 12 h 00 m. l. m. t. observe the sun on the meridian, the resulting lat. is 38°31' N.

57.10 Road, Smiths Spring to Milford bears N50°W & S50°E.

60.05 Smiths Spring bears N63°05'W.
House bears N55°20'W.

72.00 Wood road bears E & W.

79.90 Wood road bears N45°W & S45°E.

80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 20, 21, 28 & 29 marked on brass cap
T26S S20 in NW
R11W S21 in NE
S28 in SE
S29 in SW, quadrant; from which
A cedar tree 12 in. diam. bears
N81°30'E, 2.73 chs. dist. marked
T26S R11W S21 B J
A cedar tree, 12 in. diam. bears
S6°E, 30 lks. dist. marked
T26S R11W S28 B J
A cedar tree, 12 in. diam. bears
S69°W, 58 lks. dist. marked

Subdivision T26S R11W.

T26S R11W S29 BJ
A cedar tree, 10 in. diam. bears
N43°W, 66 lks. dist. marked
T26S R11W S20 BJ
From this cor. Smiths Spring bears S33°45'W.
House bears S43°20'W.
S 4.00 chs. hilly & stony.
N 76.00 chs. rolling bench land, E slope.
Soil, light sandy loam, 8 to 20 in. deep,
coarse texture, moist, clay subsoil.
Timber, scattering cedar.

N 89°54' E on random line bet. secs. 21 & 28.
40.00 Set temp. 1/4 sec. cor.
80.08 Intersect N & S line 26 lks. N. of cor. of secs. 21, 22, 27 & 28.
Thence I run
N 89°55' W on true line bet. secs. 21 & 28.
Over gently rolling land, E slope.
40.04 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S21 on N half; S28 on S half; dig pits 18x18x12 in. E & W of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N of cor.
69.00 Enter scattering cedar bears N10°E & S10°W.
79.90 Wood road bears N45°E & S45°W.
80.08 The cor. of secs. 20, 21, 28 & 29.
Land, gently rolling bench, E slope.
Soil, good sandy loam 7 to 20 in. deep,
medium texture, dry, clay subsoil.
Timber, scattering cedar.

June 16, 1911. At 3h 00m. p.m. l. m. t. I set off 38°32' on the lat. arc; 23°21' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 20, 21, 28 & 29.
Thence I run
N 0°02' E bet. secs. 20 & 21.
Over gently rolling land through scattering cedar timber.

Subdivision T26S R11W

27.35 Wash 10 ft. deep 40 lks. wide drains N 70° E.
32.50 Wash 5 ft. deep 20 lks. wide drains N 70° E.
36.50 Leave rolling; enter mountainous land bears E & W, ascend.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 20 on W half; S 21 on E half; from which
A cedar tree, 8 in. diam. bears S 55° 30' E. 1.52 chs. dist. marked 1/4 S 21 B T.
A cedar tree, 6 in. diam. bears N 83° W, 23 lks. dist. marked 1/4 S 20 B T.
42.50 Top of spur 75 ft. high prog. E.
60.00 Mouth of draw 160 ft. below spur, drains E.
Leave cedar timber bears N 10° W & S 10° E.
80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 16, 17, 20 & 21, marked on brass cap
T26S S17 in NW
R11W S16 in NE
S 21 in SE
S 20 in SW, quadrant; from which
A cedar tree, 10 in. diam. bears S 45° W, 1.95 chs. dist. marked T26S R11W S20 B T
A cedar tree, 6 in. diam. bears N 66° 30' W, 1.85 chs. dist. marked T26S R11W S17 B T
Raise a mound of stone 2 ft. base, 1 1/2 ft. high W of cor. Pits impracticable.
S 36.00 chs. gently rolling bench land, E slope.
Soil, good brown sandy loam, 6 to 10 in. deep, medium texture, moist, clay subsoil.
N 43.50 chs. broken & hilly.
Ridges & slopes light poor sandy loam, stony, with some gravel, washed.
Timber, scattering cedar.

June, 16, 1911.

Subdivision T26S R11W.

	June 17, 1911. At 7h 50m a.m. l.m.t. I set off 38°33' on the lat. arc; 23°23' N on the decl. arc; and determine a meridian with the solar at the cor. of secs. 16, 17, 20 & 21.
	Thence I run
	S 89°55' E on random line bet. secs. 16 & 21.
40.00	Set temp. 1/4 sec. cor.
79.86	Intersect N & S line 9 lks. S of cor. of secs. 15, 16, 21 & 22.
	Thence I run.
	N 89°59' W on true line bet. secs. 16 & 21.
	Over rolling land through sagebrush.
5.25	Road, Milford to Beaver Lake Mts. bears N & S.
18.30	Wash 5 ft. deep, 20 lks. wide drains N 40° E.
39.93	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 16 on N half; S 21 on S half; raise a mound of stone 2 ft. base, 1 1/2 ft. high N of cor.
	Pits impracticable.
65.26	Drum at Kate Sackett mine.
65.70	Shaft at Kate Sackett mine.
68.15	Wood road bears N 30° W & S 30° E.
73.25	Wash 10 ft. deep, 40 lks. wide drains N 70° E
	Leave rolling; enter mountainous land.
79.86	The cor. of secs. 16, 17, 20 & 21.
	E 73.25 chs. gently rolling land, E slope. Soil, light poor sandy loam mixed with gravel & stones, 3 to 5 in. deep, coarse texture, dry, gravel subsoil.
	W 6.61 chs. mountainous land, E slope, stony. No timber.
	N 0°02' E bet. secs. 16 & 17.
	Over rolling mountainous land
8.70	Old prospect hole, 10 ft. deep, 20 lks. E
12.35	Wood road bears N 50° W & S 50° E.
13.00	Saddle in spur proj. N 30° E.
18.70	Top of ascent 200 ft. above cor. descend
	House bears S 61°18' W.
	Hoist at Alice S. Mine bears N 80°15' W.

Subdivision T26S R11W.

24.00 Leave mountainous; enter rolling land bears N30°E & S30°W.

40.00 Set an iron post 3 ft. long, 1in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S17 on W half; S16 on E half; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor.
Pits impracticable.
From this cor. house bears S15°15'W.
Hoist at Alice S. Mine bears S20°40'W.

50.10 Wash 4 ft. deep 30 lks. wide drains N20°E.

58.50 Wash 4 ft. deep 25 lks. wide drains N80°E.

61.30 Drin wood road bears N50°E & S50°W.

72.20 Wash 5 ft. deep, 20 lks. wide, drains N70°E.

74.25 Wood road bears N60°W & S60°E.

80.00 Set an iron post 3 ft. long 2 in. diam. 24 in. in ground for cor. of secs. 8, 9, 16 & 17 marked on brass cap
T26S S8 in NW
R11W S9 in NE
S16 in SE
S17 in SW, quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor.
Pits impracticable.
S24.00 chs. broken & hilly.
Ridges & slopes, light poor stony soil.
N56.00 chs. gently rolling land, N. slope.
Soil, light poor sandy loam, with some gravel 4 to 6 in. deep, coarse texture, dry, gravel subsoil.
No timber.

S89°59'E on random line bet. secs. 9 & 16

40.00 Set temp. 1/4 sec. cor.

79.92 Intersect N & S line 12 lks. S of cor. of secs. 9, 10, 15 & 16.
Thence I run
S89°56'W on true line bet. secs. 9 & 16.
Over gently rolling bench land through chaparral.

22.00 Wash 5 ft. deep 20 lks wide drains S75°E.

Subdivision T26 S R11 W

39.96	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S9 on N half; S16 on S half; raise a mound of stone 2 ft. base, 1 1/2 ft. high, N of cor. Pits impracticable.
44.25	Wash 4 ft. deep 20 lks. wide drains N 60° E.
67.40	Wash 4 ft. deep 20 lks. wide, drains N 45° E.
78.00	Dim wood road bears N 60° E & S 60° W.
79.92	The cor. of secs. 8, 9, 16 & 17.
	Land, gently rolling bench.
	Soil, light poor sandy loam 5 to 8 in. deep coarse texture, dry, gravel subsoil.
	No timber.
	June 17, 1911. At this cor. I set off 23° 28' N on the decl. arc; and at 12 h 00 m. l. m. t. observe the sun on the meridian, the resulting lat. is 38° 34' N
	N 0° 02' E bet. secs. 8 & 9
	Over gently rolling land through shad-scale.
18.20	Wash 4 ft. deep, 30 lks. wide drains N 50° E.
33.10	Wash 4 ft. deep 40 lks. wide drains N 80° E.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on on brass cap 1/4 S8 on W half; S9 on E half; dig pits 18 x 18 x 12 in. N & S of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor.
64.60	Wash 3 ft. deep 25 lks. wide, drains N 80° E.
66.85	Wood road bears N 60° W & S 60° E.
67.35	Wood road bears N 50° E & S 50° W
75.85	Wood road bears N 35° E & S 35° W.
80.00	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 4, 5, 8 & 9 marked on brass cap,
	T26 S 5 in NW
	R11 W 4 in NE
	S 9 in SE
	S. 8 in SW, quadrant; raise a mound of stone 2 ft. base, 1 1/2 ft. high, W of cor.

Pits impracticable.
Land, gently rolling, E slope.
Soil, light sandy loam, 4 to 12 in. deep, medium texture, dry, clay & gravel subsoil.
No timber.

N 89° 56' E on random line bet. secs. 4 & 9.
40.00 Set temp. 1/4 sec. cor.
79.75 Intersect N & S line 14 chs. S of cor. of secs. 3, 4, 9 & 10.
Thence I run
S 89° 50' W on true line bet. secs. 4 & 9
Over gently rolling bench land, E slope, through shadscale.
20.85 Wood road bears N 70° E & S 70° W.
39.87 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 4 on N half; S 9 on S half; dig pits 18 X 18 X 12 in. E & W of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N of cor.
73.50 Wood road bears N 60° E & S 60° W.
79.75 The cor. of secs. 4, 5, 8 & 9.
Land, gently rolling bench, E slope.
Soil, light sandy loam, 5 to 10 in. deep, medium texture, dry, clay & gravel subsoil
No timber.

June 17, 1911. At 4 h 00 m. p. m. l. m. t. I set off 38° 35' on the lat. arc; 23° 24' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 4, 5, 8 & 9.
Thence I run
N 0° 02' E bet. secs. 4 & 5.
Over gently rolling land through shadscale.
21.70 Small wash drains E.
27.95 Small wash drains E.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 5 on W half; S 4 on E half; dig pits 18 X 18 X 12 in. N & S of post 3 ft. dist; & raise a mound

of earth 3½ ft. base, 1½ ft. high, W of cor.
54.05 Wood road bears N 45° E & S 45° W.
59.20 Wood road bears N 20° E & S 20° W.
62.50 Small wash drains N 40° E.
84.60 Intersect 5th Standard Parallel South.
2.65 chs. S 89° 48' E of S.C. of secs. 32 & 33 heretofore described.
Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for closing cor. of secs. 4 & 5 marked on brass cap
CC T25S R11W S32 S33 on N half
S4 in SE
S5 in SW, quadrant; dig pits 24 x 18 x 12 in. crosswise on each line, E & W 3 ft. & S of post 7 ft. dist; & raise a mound of earth 4 ft. base 2 ft. high, S of cor.
Land, gently rolling bench, NE slope.
Soil, light poor sandy loam, 6 to 12 in. deep medium texture, dry, gravel subsoil.
No timber.

June 17, 1911.

June 19, 1911. At 8h 31m. a.m. l.m.t. I set off 38° 30' on the lat. arc; 23° 26' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 5, 6, 31 & 32 on S. bdy. of Tp. heretofore described.
Thence I run
N. 0° 02' E. bet. secs. 31 & 32.
Over stony mountainous land through cedar timber.
0.50 Small draw 20 ft. below cor. drains S 60° E.
22.50 Spur 400 ft. above draw proj. S 70° E.
32.00 Draw 200 ft. below spur drains S 45° E
39.50 Spur 120 ft. above draw proj. S 80° E.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S 31 on W half; S 32 on E half; from which
A cedar tree 6 in. diam. bears
S 84° 40' E, 83 lks. dist. marked
¼ S 32 B J
A cedar tree, 6 in. diam. bears

N 38° W, 1.06 chs. dist. marked
1/4 S 31 B J

42.65 Draw 100 ft. below cor. draws S 60° E
49.90 Spur 200 ft. above draw proj. E.
56.25 Draw 250 ft. below spur draws N 80° E.
64.00 Point of spur 200 ft. above draw proj. N 80° E.
75.30 Wash, 225 ft. below spur, from Dulch Canyon draws E.
80.00 Set sandstone post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 29, 30, 31 & 32 marked on brass cap
T 26 S S 30 in NW
R 11 W S 29 in NE
S 32 in SE
S 31 in SW quadrant; from which
A cedar tree, 6 in. diam. bears
N 21° 30' E, 1.13 chs. dist. marked
T 26 S R 11 W 6 29 B J
A cedar tree, 5 in. diam. bears
S 74° E, 2.61 chs. dist. marked
T 26 S R 11 W S 32 B J
A cedar tree, 6 in. diam. bears
S 62° W, 3.70 chs. dist. marked
T 26 S R 11 W S 31 B J
No suitable trees in sec. 30, so raise a mound of stone 2 ft. base, 1½ ft. high, W of cor.
Pits impracticable.
From this cor. John Bromfield's house bears N 26° E.
Tunnel in which a small spring was found bears N 55° 40' E.
Hoist at shaft bears N 43° 30' E.
Land, broken & hilly.
Ridges & slopes, light-poor sandy loam; valleys, light poor sandy loam with some gravel & stones, subsoil gravel.
Timber, scrubby cedar.

East on random line bet. secs. 29 & 32.
40.00 Set limp. 1/4 sec. cor.

Subdivision T26 S R 11 W

0.30	Intersect N & S line 5 lks. N. of cor. of secs. 28, 29, 32 & 33.
	Thence I run
	N 89° 58' W on true line bet. secs. 29 & 32.
	Over rolling stony mountainous land
	through scattering cedar timber.
2.00	Spur 30 ft. below sec. cor. proj. S 40° E.
7.00	Head of draw 70 ft. below spur drains S.
16.00	Spur 100 ft. above draw proj. S 10° E.
17.95	Draw 90 ft. below spur drains S 10° E.
22.50	Spur 110 ft. above draw proj. S 10° E.
26.70	Draw 125 ft. below spur drains S 10° E.
40.15	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 29 on N half; S 32 on S half; from which
	A cedar tree, 10 in. diam. bears
	S 45° W, 36 lks. dist. marked
	1/4 S 32 B J
	A cedar tree, 8 in. diam. bears
	N 60° E, 5 lks. dist. marked
	1/4 S 29 B J.
	June 19, 1911. At this cor. I set off 23° 26' N on the decl. arc; and at 12 h. 01 m. l. m. t. observe the sun on the meridian, the resulting lat. is 38° 31' N.
44.50	Spur 125 ft. above draw proj. S 10° E.
52.75	Hoist at shaft bears N 53° 40' W.
53.80	John Bromfields house bears N 67° 40' W.
64.00	Enter wash in Bottom of Bromfield Canyon source W, drains S 80° E.
72.00	Leave wash, source N 80° W, drains E.
72.50	Road, Milford to Skylark Mine bears N 60° W & S 60° E.
79.00	Wash 4 ft. deep, 30 lks. wide drains S 80° E.
80.30	The cor. of secs. 29, 30, 31 & 32.
	Land, rolling mountainous.
	Ridges & slopes, clay loam mixed with gravel & stones; valleys, sandy loam with some gravel; subsoil gravel.
	Timber, scattering cedar.

June 19, 1911. At 2 h 46 m. p. m. l. m. t. I set off 38° 31' on the lat. arc*; 23° 26' N. on the dec. arc; & determine a meridian with the solar at the cor. of secs. 29, 30, 31 & 32.
Knowing that I will not close within limits on N. bdy. of Tp. I run West on true line bet. secs. 30 & 31.
Over stony mountainous land through scattering cedar.

20.00 Begin abrupt ascent bears N 40° W & S 40° E.
28.00 Leave scattering cedar; enter heavy cedar & pinion bears N 60° W & S 60° E.
35.50 Spur 300 ft. above sec. cor. prog. S 40° E.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 30 on N half; S 31 on S half; from which
A pinion tree 16 in. diam. bears N 78° E, 107 lks. dist. marked 1/4 S 30 B J
A cedar tree, 10 in. diam. bears S 77° W, 28 lks. dist. marked 1/4 S 31 B J
41.20 Head of small draw 125 ft. below spur drains S 45° E.
49.00 Ridge 350 ft. above draw bears N 10° E & S 10° W.
54.00 Draw 120 ft. below ridge drains N 20° W
62.00 Spur 200 ft. above draw prog. N.
77.50 Draw 350 ft. below spur drains N 10° W.
82.25 Intersect Guide Meridian 9.32 chs. N of cor. of secs. 25, 30, 31 & 36. heretofore described.
Set an iron post 3 ft. long, 1 in. diam. 24 in. in ground for closing cor. of secs. 30 & 31, marked on brass cap
T 26 S on N half
C C R 12 W S 25 S 36 on W half
S 30 in NE
R 11 W S 31 in SE, quadrant; from which
A cedar tree, 10 in. diam. bears N 77° E, 61 lks. dist. marked C C T 26 S R 11 W S 30 B J
A cedar tree 14 in. diam. bears

Subdivision T26S R11W

S 38° E, 1.22 chs. dist. marked
C C T26S R11W S 31 B J
Land, broken & mountainous.
Ridges & slopes, light poor sandy loam, with gravel, washed & stony; valleys, light poor sandy loam, with gravel; subsoil, gravel.
Timber, cedar & pinion.
I destroy marks on old corner secs 25, 30, 31 & 36 pertaining to secs 30 & 31
June 19-1911.

June 20, 1911. On account of heavy rain field work impracticable.

June 21, 1911. At 8h 01m a. m. l. m. t. I set off 38° 31' on the lat. arc; 23° 28' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 29, 30, 31 & 32.
Thence I run
N 0° 02' E. bet. secs. 29 & 30.
Over rolling mountainous land through scattering cedar.

0.30	Wash 3 ft. deep 30 lks. wide dranis S 80° E.
10.55	Wash 4 ft. deep 40 lks. wide dranis S 70° E.
11.50	Road, Milford to Skylark Mine bears N 40° W & S 40° E.
12.00	SW cor. of John Bromfields stable 15 lks. E.
17.65	John Bromfields house bears S 26° 45' E. Mouth of tunnel in which spring was tapped bears S 52° E.
26.70	Road Milford to Skylark Mine bears N 10° E & S 10° W.
30.50	Wash in Bromfield Canyon dranis S 10° W. ascend.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 30 on W half; S 29 on E half; from which A cedar tree, 5 in. diam. bears S 30° E, 37 lks. dist. marked 1/4 S 29 B J.

A cedar tree 8 in. diam. bears
N 40° W, 1.44 chs. dist. marked
1/4 S 20 B T

55.20 Wood road bears N 10° W & S 10° E

58.60 Ridge 500 ft. above sec. cor. bears N 40° E & S 40° W

80.00 Set an iron post 3 ft. long 2 in. diam. 24 in.
in ground for cor. of secs. 19, 20, 29 & 30
marked on brass cap
T26 S S 19 in NW
R11 W S 20 in NE
S 29 in SE
S 30 in SW, quadrant; from which
A cedar tree, 6 in. diam. bears
N 71° E, 1.09 chs. dist. marked
T26 S R11 W S 20 B T
A cedar tree, 8 in. diam. bears
E 13° E, 60 lks. dist. marked
T26 S R11 W S 29 B T
A cedar tree, 8 in. diam. bears
S 22° W, 70 lks. dist. marked
T26 S R11 W S 30 B T
A cedar tree, 14 in. diam. bears
N 55° W, 45 lks. dist. marked
T26 S R11 W S 19 B T

Land, rolling mountainous.
Ridges & slopes, light sandy loam; valleys,
good brown sandy loam, clay subsoil.
Timber, cedar.

S 89° 58' E on random line bet. secs. 20 & 29.

40.00 Set temp. 1/4 sec. cor.

80.24 Intersect N & S line 9 lks. S of cor. of secs. 20
21, 28 & 29.

June 21, 1911. At this cor. I set off 23° 27' N on the
decl. arc; and at 12 h. 01 m. l. m. t. observe the
sun on the meridian, the resulting lat.
is 38° 32' N.

Thence I run
S 89° 58' W on true line bet. secs. 20 & 29
Over gently rolling bench land, E slope

Subdivision T26SR11W

	Through scattering cedar timber.
15.25	Leave scattering cedar bears N & S.
18.15	Wood road bears N40°W & S40°E.
38.10	Wash 4 ft. deep 20 lks. wide drains N40°E.
40.12	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S20 on N half; S29 on S half; dig pits 18x18 x12 in. E & W of post 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, N of cor.
42.25	Leave bench: enter mountainous land bears N30°W & S30°E, ascend.
55.00	Enter scattering cedar bears N20°E & S20°W.
59.75	Ridge 500 ft. above bench bears N10°W & S10°W.
71.14	Road, Milford to Skylark Mine bears N20°W & S20°E.
80.24	The cor. of secs. 19, 20, 29 & 30.
	E 42.25 chs. gently rolling bench land, E slope
	Soil, good brown sandy loam, 7 to 20 in. deep medium texture, moist, on clay subsoil.
	W 37.99 chs. hilly & mountainous.
	Ridges, good sandy loam; slopes, washed; valleys, good brown sandy loam, clay subsoil.
	Timber, cedar.
	June 21, 1911. At 3h 01m. p.m. l.m.t. I set off 38°32' on the lat. arc; 23°28' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 19, 20, 29 & 30.
	Thence I run, for reasons already given
	West on true line bet. secs. 19 & 30
	Over rolling mountainous land through cedar timber.
16.55	Wood road bears N40°W & S40°E.
21.25	Draw 170 ft. below cor. drains N60°W.
31.00	Spur 75 ft. above draw proj. N60°W.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S19 on N half; S30 on S half; from which
	A cedar tree 8 in. diam. bears

N 4° E, 43 lks. dist. marked
1/4 S19 B.T.
A cedar tree 15 in. diam. bears
S 75° W, 11 lks. dist. marked
1/4 S30 B.T.

55.40 Draw 100 ft. below spur drains N 20° W.
60.00 Spur 85 ft. above draw prog. N 50° W.
64.20 Wood road bears N 40° E & S 40° W.
77.45 Wash 5 ft. deep, 20 lks. wide drains N 70° W.
82.35 Intersect Guide Meridian 9.56 chs. N of cor. of secs. 19, 24, 25 & 30, heretofore described.
Set an iron post 3 ft. long 2 in. diam. 24 in. in ground for closing cor. of secs. 19 & 30, marked on brass cap
T26 S on N half
C C R12 W S24 S25 on W half
S19 in NE
R11 W S30 in SE 1/4 quadrant; from which
A cedar tree 16 in. diam. bears
N 60° E, 47 lks. dist. marked
C C T26 S R11 W S19 B.T.
A cedar tree, 10 in. diam. bears
S 30° E, 2.17 chs. dist. marked
C C T26 S R11 W S30 B.T.
I destroy all marks on cor. of secs. 19, 24, 25 & 30 that pertain to secs. 19 & 30.
Land, rolling mountainous, W slope.
Ridges, light brown sandy loam; slopes with some clay; valleys, good sandy loam with some gravel; subsoil, clay.
Timber, cedar.

June 21, 1911.

June 22, 1911. At 8h 02m. a.m. l.m.t. I set off 38° 32' on the lat. arc; 23° 28' N on the decl. arc, & determine a meridian with the solar at the cor. of secs. 19, 20, 29 & 30.
Thence I run
N 0° 02' E bet. secs. 19 & 20.
Over mountainous land, through scatter-

	ing cedar timber, ascend.
6.60	Buildings belonging to Utah United Copper Co as follows- House bears N 49°45' W.
	Pump at spring bears N 52° W.
	Boiler house at Skylark Mine bears N 7°15' W.
	Hoist at Skylark Mine bears N 8°10' W.
	This mine has an incline 6 x 6 x 500 ft. deep.
24.65	Road, Milford to Skylark Mine bears N 10° W & S 10° E.
26.90	House bears N 89° W.
	Pump at spring bears S 88°45' W.
27.40	Spur 275 ft above cor. proj. N 70° W.
	Boiler house at Skylark Mine bears N 71°15' W.
	Hoist bears N 71°45' W.
	S.E. cor. of Concrete Water Reservoir bears N 61°28' W
34.40	Draw 200 ft. below spur drains W: enter scattering pinion
40.00	Set iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 19 on W half, S 20 on E half; from which
	A pinion tree, 8 in. diam. bears S 19° E, 1.82 chs. dist. marked 1/4 S 20 B J
	A pinion tree 10 in. diam. bears S 39°50' W, 53 lks. dist. marked 1/4 S 19 B J
	From this cor. S.E. cor. of concrete water reservoir bears S 15°30' W.
53.75	Rocky spur 600 ft. above draw proj. N 60° W.
72.00	Head of draw 450 ft. below spur drains N 30° W.
73.00	Leave scattering cedar & pinion bears N 40° E & S 40° W.
77.35	Ridge 100 ft. above draw bears N 15° W & S 15° E.
80.00	Set iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 17, 18, 19 & 20, marked on brass cap
	T 26 S S 18 in NW
	R 11 W S 17 in NE
	S 20 in SE
	S 19 in SW, quadrant; raise a mound of stone, 2 ft base, 1 1/2 ft. high, W of cor.

Pits impracticable!
S 27.00 chs. rolling mountainous land.
Soil, good sandy loam.
N 53.00 chs. very broken; almost solid lime stone formation.
Timber, scattering pinion & cedar.

N 89°58' E on random line bet. secs. 17 & 20.
40.00 Set temp. 1/4 sec. cor.
79.96 Intersect N & S line 17 lks. N of cor. of secs. 16, 17, 20 & 21.
June 22, 1911. At this cor. I set off 23°27' N on the decl. arc; and at 12h 02 m. l. m. t. observe the sun on the meridian, the resulting lat. is 38°33' N.
Thence I run
N 89°55' W on true line bet. secs. 17 & 20.
Over broken stony mountainous land, ascend.
3.00 Spur 150 ft. above cor. proj. N 20° E.
16.00 Head of small draw 75 ft. below spur drains N 30° E.
22.56 Spur 150 ft. above head of draw proj. N.
Enter scattering cedar bears N & S.
S.E. cor. of hoist at Alice S Mine bears N 36°56' E.
House bears N 46°15' E.
W. S. M. M. No 1. bears S 60°16' W.
30.00 Draw 175 ft. below spur drains N.
39.36 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for W.C. to 1/4 sec. cor. marked on brass cap W.C. 1/4 S 17 on N half; S 20 on S half from which

A cedar tree 10 in. diam. bears
N 8°30' E, 3.63 chs. dist. marked
W.C. 1/4 S 17 B J
A cedar tree 5 in. diam. bears
S 76°30' E, 2.81 chs. dist. marked
WC 1/4 S 20 B J

39.91 Falls in bottom of draw, 170 ft. below spur drains N 20° E. 1/4 sec. cor. not set.

Subdivision T26 S R11 W.

Chains	
45.00	Enter broken limestone formation bears N10° E & S10° W.
60.00	Spur 400 ft. above draw proj. N20° E.
73.50	Draw 200 ft. below spur drains N: leave scattering cedar bears N & S.
79.96	The cor. of secs. 17, 18, 19 & 20. This cor. is 190 ft. above draw. From this cor. W. S. M. M. No 1 bears S17°02' E. Sand, broken & mountainous. Ridges, light sandy loam with some gravel; slopes, washed & stony; valleys, light poor, sandy loam with some gravel; subsoil, gravel. Timber, cedar.
	June 22, 1911. At 2h. 32m. p. m. l. m. t. I set off 38°33' on the lat. arc; 23°28' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 17, 18, 19 & 20. Thence I run, for reasons already given West on true line bet. secs. 18 & 19. Over broken stony mountainous land, limestone formation, ascend.
1.00	Ridge 50 ft. above cor. bears N15° W & S15° E, thence abrupt descent.
13.00	Draw 400 ft. below ridge drains N50° W.
18.50	Limestone spur 300 ft. above draw proj. N30° W, thence descend along spur.
18.70	W. S. M. M. No 2 bears S17° 12' W.
29.50	Spur 230 ft. below limestone spur proj S80° W, enter scattering cedar.
37.05	W. S. M. M. No 2 bears S17°08' E.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S18 on N half; S19 on S half; from which A cedar tree 6 in. diam. bears N 35° 30' E, 44 lks. dist. marked 1/4 S18 B T. A cedar tree 6 in. diam. bears S15° W, 37 lks. dist. marked 1/4 S19 B T
48.00	Spur proj. N70° W.

Subdivision T26S R11W.

51.60	Draw 120 ft. below spur drains N60°W.
53.40	Spur 70 ft. above draw proj. N60°W; leave mountainous; enter rolling land.
69.80	Wood road bears N15°W & S40°E.
71.00	Wash 5 ft. deep, 1.00 ch wide drains N20°W.
76.00	Wash 5 ft. deep 50 lks. wide drains N20°W.
82.38	Intersect Guide Meridian 9.64 chs. N. of cor. of secs. 13, 18, 19 & 24 heretofore described. Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for closing cor. of secs. 18 & 19 marked on brass cap T26S on N half CC R12W S13 S24 on W half S18 in NE R11W S19 in SE, quadrant; from which A cedar tree 6 in. diam. bears N15°E, 1.44 chs. dist. marked CC T26S R11W S18 BT A cedar tree 8 in. diam. bears S75°E, 2.21 chs. dist. marked CC T26S R11W S19 BT I destroy marks on cor. set for secs. 13, 18, 19 & 24 that pertain to secs. 18 & 19. E. 53.40 chs. broken limestone mountains. W 28.98 chs. rolling land. Soil; light poor sandy loam with some gravel; gravel subsoil. Timber, cedar.

June 22, 1911.

June 23, 1911. At 9h 2 m.a.m. l.m.t. I set off 38°33' on the lat. arc; 23°27' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 17, 18, 19 & 20.
Thence I run
N0°02'E bet. secs. 17 & 18.
Over rough, broken, mountainous land.

0.88	Center of drum of whim.
1.22	S.E. cor. of hoist over abandoned shaft; thence abrupt descent.
9.75	Enter scattering cedar bears N30°W & S30°E.

Subdivision T 26 S R 11 W.

16.45 Saddle in spur 350 ft. below cor., ascend.
26.00 Top of lime spur 100 ft. above saddle proj. N 30° W.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S18 on W half; S17 on E half; from which
A cedar tree 6 in. diam. bears N 50° 30' E, 1.25 chs. dist. marked 1/4 S17 B T
A cedar tree, 10 in. diam., bears N 50° 30' W, 3.53 chs. dist. marked 1/4 S18 B T.
48.00 Draw 300 ft. below spur drains N 40° W.
53.50 Spur 200 ft. above draw proj. N 80° W, abrupt descent.
68.00 Foot of abrupt descent, thence gentle descent; also leave cedar timber, bears E & W.
71.25 Draw 300 ft. below spur drains E.
77.50 Spur 100 ft. above draw proj. E.
80.00 Set an iron post 3 ft. long 2 in. diam. 24 in. in ground for cor. of secs. 7, 8, 17 & 18 marked on brass cap
T 26 S S 7 in NW
R 11 W S 8 in NE
S 17 in SE
S 18 in SW, quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor.
Pits impracticable.
Land, broken & mountainous.
Ridges almost solid limestone; slopes, washed & stony; valleys, light poor sandy soil, with gravel & stones.
Timber, cedar.
June 23, 1911. At this cor. I set off 23° 27' N on the decl. arc; and at 12 h 02 m. l. m. t. observe the sun on the meridian, the resulting lat. is 38° 34' N.

S 89° 55' E on random line bet. secs. 8 & 17.
40.00 Set temp. 1/4 sec. cor.
80.04 Intersect N & S line 2 chs. S of cor. of secs. 8, 9.

16 & 17.
Thence I run
N 89°56' W on true line bet. secs. 8, & 17.
Over gently rolling bench land.
6.50 Wood road bears N 60° W & S 60° E.
10.00 Leave rolling bench; enter mountainous land bears N 85° W & S 85° E; ascend along N slope
32.00 Top of spur or ridge bears S 85° E & S 85° W.
40.02 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap: 1/4 S 8 on N half; S 17 on S half; raise a mound of stone 2 ft. base, 1½ ft. high N of cor.
Pits impracticable.
50.00 Leave top of ridge, descend along N slope.
80.04 The cor. of secs. 7, 8, 17 & 18.
E 10.00 chs. gently rolling bench, E slope.
Soil, light poor sandy loam with some gravel & stones, 4 to 8 in. deep, coarse texture dry, gravel subsoil.
W 70.04 chs. N slope of ridge, washed and stony.
No timber.

June 23, 1911. At 3h 02m. p.m. l.m.t. I set off 38°34' on the lat. arc; 23°27' N on the decl. arc; and determine a meridian with the solar at the cor. of secs. 7, 8, 17 & 18.
Thence I run, for reasons already given
West on true line bet. secs. 7 & 18.
Descend along N slope.
1.00 Leave mountainous; enter rolling land bears N 80° E & S 80° W.
30.00 Enter scattering cedar bears N 60° W & S 60° E.
35.70 Wash 6 ft. deep 2.40 chs. wide drains N 60° E.
38.00 Leave scattering cedar bears N 60° E & S 60° W.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 7 on N half; S 18 on S half; from which
a cedar tree 14 in. diam. bears
N 83° E, 5.37 chs. dist. marked 1/4 S 7 B T.

Subdivision T26S R11W

A cedar tree, 6 in. diam. bears
S 56° 30' E, 2.39 chs. dist. marked
1/4 S18 B J

42.35 Wood road bears N 45° E & S 45° W.
67.00 Wash 4 ft. deep, 20 lks. wide drains N 40° E.
82.32 Intersect Guide Meridian 9.54 chs. N of cor. of secs. 7, 12, 13 & 18, heretofore described
Set an iron post 3 ft. long 2 in. diam. 24 in. in ground for closing cor. of secs. 7 & 18 marked on brass cap
T26S on N half
CCR12WS12S13 on W half
S7 in NE
R11WS18 in SE, quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, E of cor.
Pits impracticable.
I destroy all marks on cor. of secs. 7, 12, 13 & 18 that pertain to secs. 7 & 18.
Land, rolling, NE slope.
Soil, light poor sandy loam with some gravel; coarse texture, dry, gravel subsoil.
Timber, cedar.

June 23, 1911.

June 24, 1911. At 9h 02m. a.m. l.m.t. I set off 38° 34' on the lat. arc; 23° 27' N on the decl. arc; & determine a meridian with the solar at the cor. of secs. 7, 8, 17 & 18.
Thence I run
N. 0° 02' E bet. secs. 7 & 8
Over mountainous land, descend
2.00 Leave mountainous; enter bench land bears N 80° E & S 80° W.
3.65 Wash 4 ft. deep 25 lks. wide drains N 60° W.
9.40 Wood road bears N 80° W & S 80° E; enter chaparral bears N 40° E & S 40° W.
32.85 Wash 4 ft. deep, 1.50 chs. wide drains N 85° E.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap
1/4 S7 on W half; S8 on E half; dig pits 18 X 18 X

12 in. N & S of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, W of cor.
43.50 Wood road bears N50°E & S50°W.
78.50 Wood road bears N60°E & S60°W.
80.00 Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for cor. of secs. 5, 6, 7 & 8, marked on brass cap
T26S 6 mi NW
R11W 5 mi NE
S 8 mi SE
S 7 mi SW, quadrant; raise a mound of stone 2 ft. base, 1½ ft. high, W of cor.
Pits impracticable!
S 2.00 chs. mountainous land, N slope, stony.
N 78.00 chs. gently rolling bench land NE. slope.
Soil, light poor sandy loam, 3 to 6 in. deep medium texture, dry, gravel subsoil.
No timber

S 89°56' E on random line bet. secs. 5 & 8
40.00 Set temp. ¼ sec. cor.
80.10 Intersect N & S line 7 lks. N of cor. of secs. 4, 5, 8 & 9.
Thence I run
N 89°53' W on true line bet. secs. 5 & 8.
Over gently rolling bench land through shad scale.
5.00 Dim wood road bears N & S.
13.25 Wood road bears N50°W & S50°E.
40.05 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for ¼ sec. cor. marked on brass cap ¼ S5 on N half; S8 on S half; dig pits 18x18x12 in. E & W of post 3 ft. dist; & raise a mound of earth 3½ ft. base, 1½ ft. high, N of cor.
78.10 Dim wood road bears N60°E & S60°W.
80.10 The cor. of secs. 5, 6, 7 & 8.
Land, gently rolling bench NE slope.
Soil, light poor sandy loam, 4 to 10 in. deep dry, gravel subsoil.
No timber.
June 24, 1911. At this cor. I set off 23°26' N on the

decl. arc; and at 12h 02m l. m. t. observe the sun on the meridian, the resulting lat. is 38°35' N.
For reasons already given, I run
West on true line bet. secs. 6 & 7.
Over gently rolling bench land through chadscale.
23.75 Wood road bears N 65° E & S 65° W.
40.00 Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 6 on N half; S 7 on S half; raise a mound of stone 2 ft. base, 1 1/2 ft. high, N of cor. Pits impracticable.
79.80 Top of bank of draw bears N 50° E & S 50° W.
80.90 Foot of same, 35 ft. deep.
82.30 Intersect Guide Meridian 9.56 chs. N of cor. of secs. 1, 6, 7 & 12, heretofore described
Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for closing cor. of secs. 6 & 7 marked on brass cap
T26S on N half
CC R12W S1 S12 on W half
S6 in NE
R11W S7 in SE, quadrant; raise a mound of stone 2 ft. base, 1 1/2 ft. high, E of cor.
Pits impracticable.
I destroy all marks on cor. of secs. 1, 6, 7 & 12 that pertain to secs. 6 & 7.
Land, gently rolling bench, NE slope.
Soil, light poor sandy loam with some gravel, medium texture, dry, gravel subsoil.
No timber.

June 24, 1911. At 2h 02m p. m. l. m. t. I set off 38°35' on the lat. arc; 23°27' N on the decl. arc, and determine a meridian with the solar at the cor. of secs. 5, 6, 7 & 8.
Thence I run
N 0°02' E on true line bet. secs. 5 & 6.
Over gently rolling bench land through

Subdivision T26SR11W.

	shadscale.
6.50	Leave shadscale: enter greasewood bears E & W.
13.00	Leave greasewood: enter shadscale bears N 20° W & S 20° E.
13.75	Wood road bears N 50° E & S 50° W.
30.95	Leave shadscale: enter greasewood bears N 30° E & S 30° W.
40.00	Set an iron post 3 ft. long, 1 in. diam. 26 in. in ground for 1/4 sec. cor. marked on brass cap 1/4 S 6 on W half; S 5 on E half; dig pits 18 x 18 x 12 in. N & S of post, 3 ft. dist; & raise a mound of earth 3 1/2 ft. base, 1 1/2 ft. high, W of cor.
58.35	Wood road bears N 35° E & S 35° W.
75.00	South bank of draw bears N 45° E & S 45° W.
75.10	Wood road bears N 10° W & S 10° E.
76.40	Same road bears N 10° E & S 10° W.
78.45	Same road bears N 40° W & S 10° E.
78.50	Leave shadscale: enter greasewood, bears N 40° E & S 40° W.
84.91	Intersect 5th Standard Parallel South 3.12 chs. S 89° 36' E of S.C. of secs. 31 & 32, heretofore describ
	Set an iron post 3 ft. long, 2 in. diam. 24 in. in ground for closing cor. of secs. 5 & 6 marked on brass cap
	C C T25SR11W S31 S32 on N half
	S 5 in SE
	S 6 in SW, quadrant; raise a mound of stone 2 ft. base, 1 1/2 ft. high S of cor.
	Pits impracticable.
	Land, gently rolling bench, NE slope.
	Soil, light poor sandy loam with some gravel, 6 to 8 in. deep; medium texture, dry gravel subsoil.
	No timber.

June 24, 1911.

John W. Dougall
Transitman

General Description.

This township contains a variety of land from gently rolling bench to mountainous, and the soil ranges from gravel, stone and sand to good brown clay loam.

The soil of the benches in the eastern part of this township is generally good sand or clay loam capable of producing from small to medium crops if modern dry farming methods are followed.

The soil of the remaining portion of this township is light sandy and gravelly loam, except the mountains which in general are stony and broken.

The Beaver Lake Mountains are in the southwestern part of this township. They are partly covered with a scattered, scrub by growth of cedar & pinion timber.

There are numerous mines & prospects in this township. The best known one and the only one being worked at present time is the Skylark owned by the Utah, United Copper Co. It produces silver, lead & copper.

Iron, lead, copper & silver ore is found in S½ sec. 16, sec. 17, SE¼ sec. 18, E½ sec. 19, secs 20 & 21, SW¼ sec. 22, & secs. 29, 30 & 31.

There is no water for irrigation in this township. There is a small spring in the NE quarter of sec. 29; one in SE quarter sec. 29; some water was struck in Bromfield Tunnel in SW quarter sec. 29; a spring in SE quarter sec. 19 comprises all the known water in this township.

There is only one settler in this township John Bromfield a miner has made improvements valued at $600. in SW. quarter of sec. 29. He irrigates a small garden with the water from his tunnel. The improvements Chas. Smith made

General Description.

at Smiths Springs in NE quarter of sec. 29 valued at $50.00 are now vacant.
The tract of plowed land in sec. 24 contains about 5 acres; owner unknown.
Other small tracts plowed; owners are unknown.

John W. Dougall
U. S. Transitman

FINAL OATHS OF DEPUTY SURVEYOR AND HIS ASSISTANTS.

LIST OF NAMES.

A list of the names of the individuals employed by John W. Dougall, Transitman, United States ~~Deputy Surveyor,~~ to assist in running, measuring, and marking the lines and corners described in the foregoing field notes of the survey of the Subdivision of Township No 26 South Range No 11 West showing the respective capacities in which they acted:

William B. Clark, *Chainman.*
Willis Whitmore, *Chainman.*
Ernest Hamer, *Moundman.*
, *Moundman.*
Wilford W. Clyde, *Axman.*
, *Axman.*
Ralph A. Goodbeck, *Flagman.*

FINAL OATH OF ASSISTANTS.

We hereby certify that we assisted John W. Dougall, Transitman, United States ~~Deputy Surveyor~~, in surveying all those parts or portions of the Subdivision of Township No 26 South Range No 11 West of the Salt Lake Base X meridian, State of Utah, which are represented in the foregoing field notes as having been surveyed by him and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, well and faithfully surveyed, and the corner monuments established, according to the instructions furnished by the United States Surveyor General for Utah

William B. Clark, *Chainman.*
Willis Whitmore, *Chainman.*
Ernest Hamer, *Moundman.*
, *Moundman.*
Wilford W Clyde, *Axman.*
, *Axman.*
Ralph A Goodbeck, *Flagman.*

Subscribed and sworn to before me this twenty-eighth day of June, 1911

SEAL

John W. Dougall
U. S. Transitman

6—151

BOOK A-382

FINAL OATH OF UNITED STATES DEPUTY SURVEYOR.

I, John W. Dougall, United States ~~Deputy Survey~~ Transitma solemnly swear that, in pursuance of a contract received from Thomas Hull United States Surveyor General for Utah, bearing date 6 day of August, 19 10 I have well, faithfully, and truly, in m proper person, and in strict conformity with the instructions furnished by the United States Sur General for Utah, the Manual of Surveying Instructions, and the laws United States, surveyed all those parts or portions of the subdivision and retracem of East Boundary of Township 26 South, Range 11 West

of the Salt Lake Base and meridian, in the State of Utah, which are represented foregoing field notes as having been surveyed by me, and under my direction; and I do further sol swear that all the corners of said survey have been established and perpetuated in strict accordanc the Manual of Surveying Instructions, and the special written instructions of the United States Su General for Utah and in the specific manner described in the field notes, an the foregoing are the original field notes of such survey.

John W. Dougall
~~United States Deputy Sur~~
United States Transitman

Subscribed by said John W. Dougall, and sworn to before me this 17 day of April, 1912

Thomas Hull
U.S. Surveyor-General
for Utah.

SEAL

APPROVAL.

OFFICE OF THE UNITED STATES SURVEYOR GENERAL,

Salt Lake City, Utah, Sept. 16, 1

The foregoing field notes of the survey of the subdivisional lines and retra ment of East Boundary of Township No. 26 South, Range No. 11 West, o the Salt Lake Base and Meridian, Utah,

executed by John W. Dougall under his ~~contract No.~~ special instructions, dated August 6, 1910, ~~19~~, having critically examined, and the necessary corrections and explanations made, the said field notes, an surveys they describe, are hereby approved.

Thomas Hull
United States Surveyor Ge

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

United States Surveyor Ge

6—151