

Engineer Department, U. S. Army.

Book No. *5*, 187 .

METEOROLOGICAL RECORDS.

Party No. _____, Section.

Camp at *Carluz Nev.*, *Jun. 6, 1871.*

To Camp at *Mohave*, *Sept. 13, 1871.*

_____, In charge of party.

Geographical Surveys West of 100th Meridian.

~~Handwritten scribble~~



~~Camp at woods
Cane & Tent
On White Pine road
bet. Pollards & White Pine~~

(12)

25,410

(13)

25,290

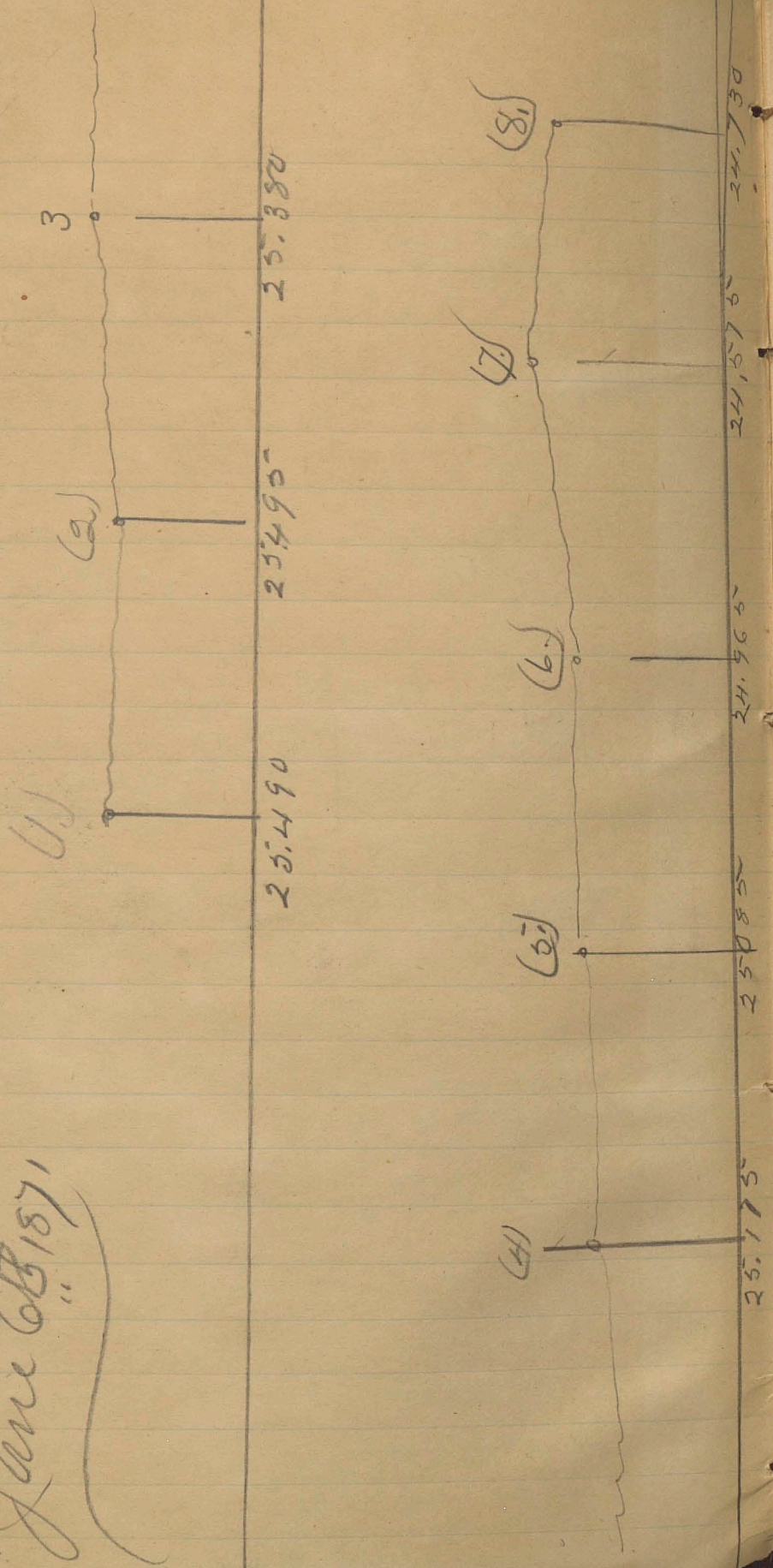
~~Handwritten scribble~~

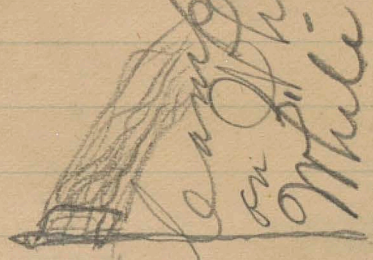
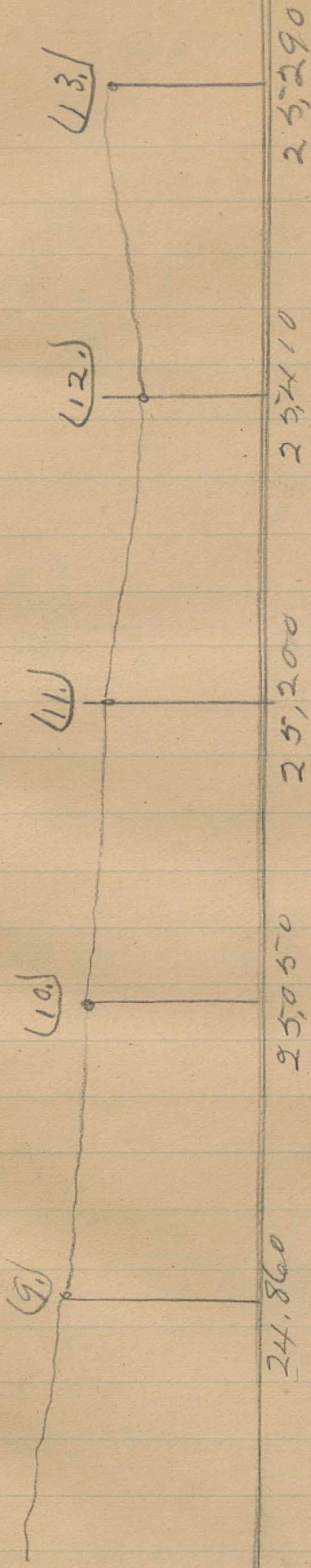
25,230

(15)

25,160

From Camp at
 Carlin Nev. to =
 June 6th 1871





Camp at Hill ando Ranch
 on White Pine road between
 White Pine & Tallispade

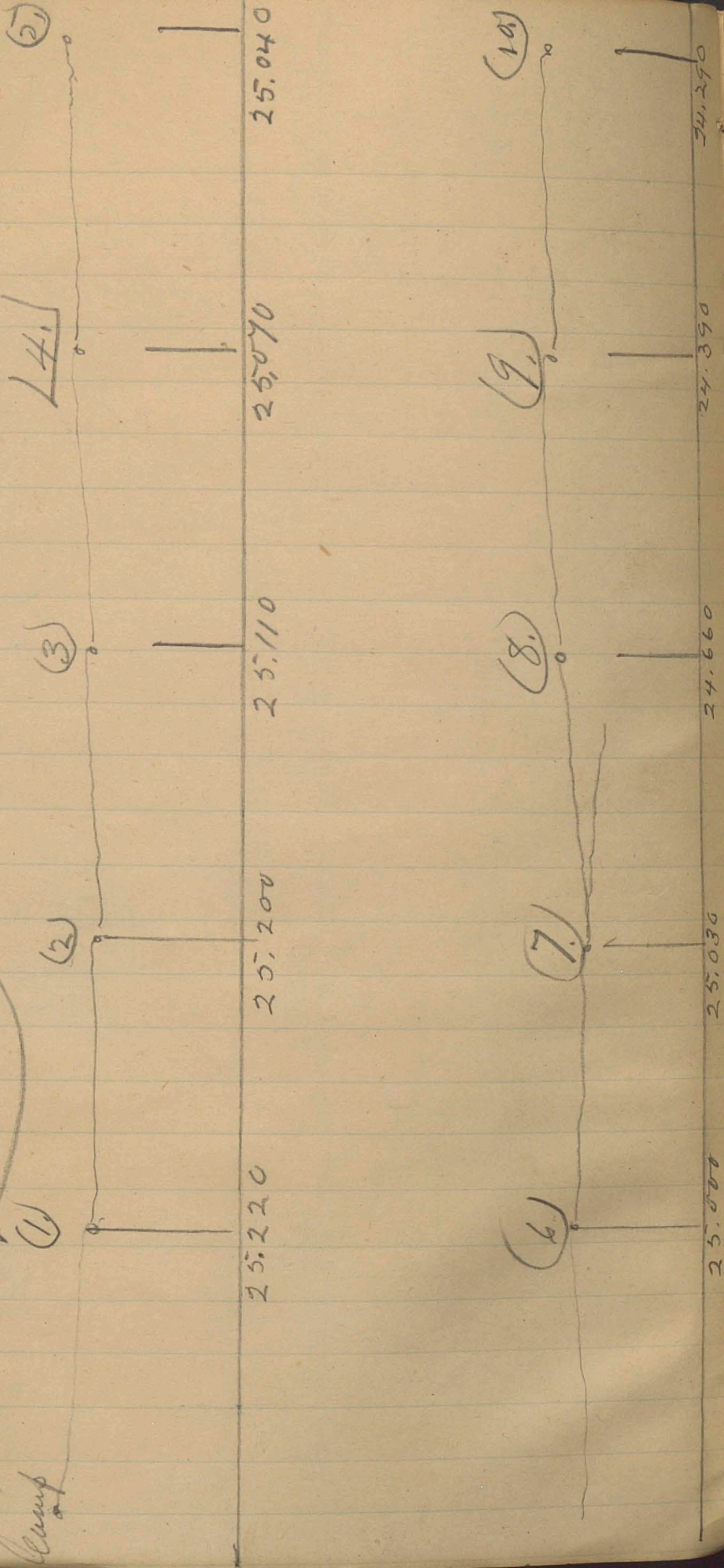
(14)

25,230

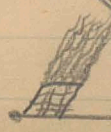
25,160

June 7th 1871

Camp



Station (14) or Camp at
 Muralakke
 Eravaa



(11)

23820

(12)

23860

(13)

23895

23930

7

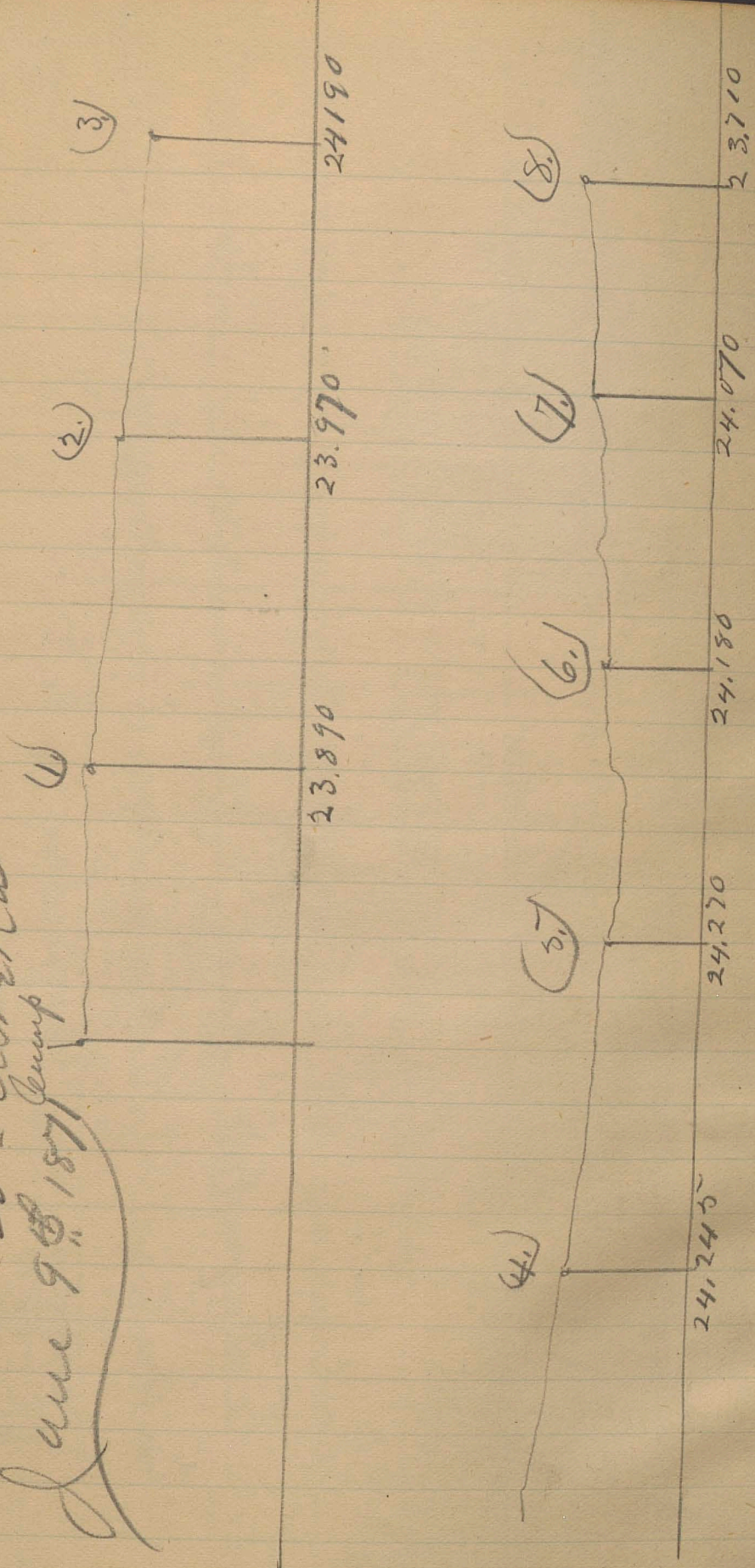
Meteorological Observations taken on Mineral
Hill Nevada June 8th 1871

	Date	Time	Bar No	Reading	Altitude	Am. Bar	Hygrometer	Therm
						Yes Bar	Yes Bar	Yes Bar
						37	13	13
	June 8 th	P.M.	1735	23.400	77.1	23.380	74.	66.8
	"	2 P.M.	1735	23.388	76.9	23.375	76.2	66.5
	"	3 P.M.	1735	23.376	77.0	23.365	77.	67.9
Reading at Austin Mine	=	=	=	=	=	7650	=	=
" " Republic Mine	=	=	=	=	=	7630	=	=
" " Spencer Mine	=	=	=	=	=	7630	=	=
" " Grant Mine	=	=	=	=	=	7575	=	=
" " Lewis Hill	=	=	=	=	=	7130	=	=

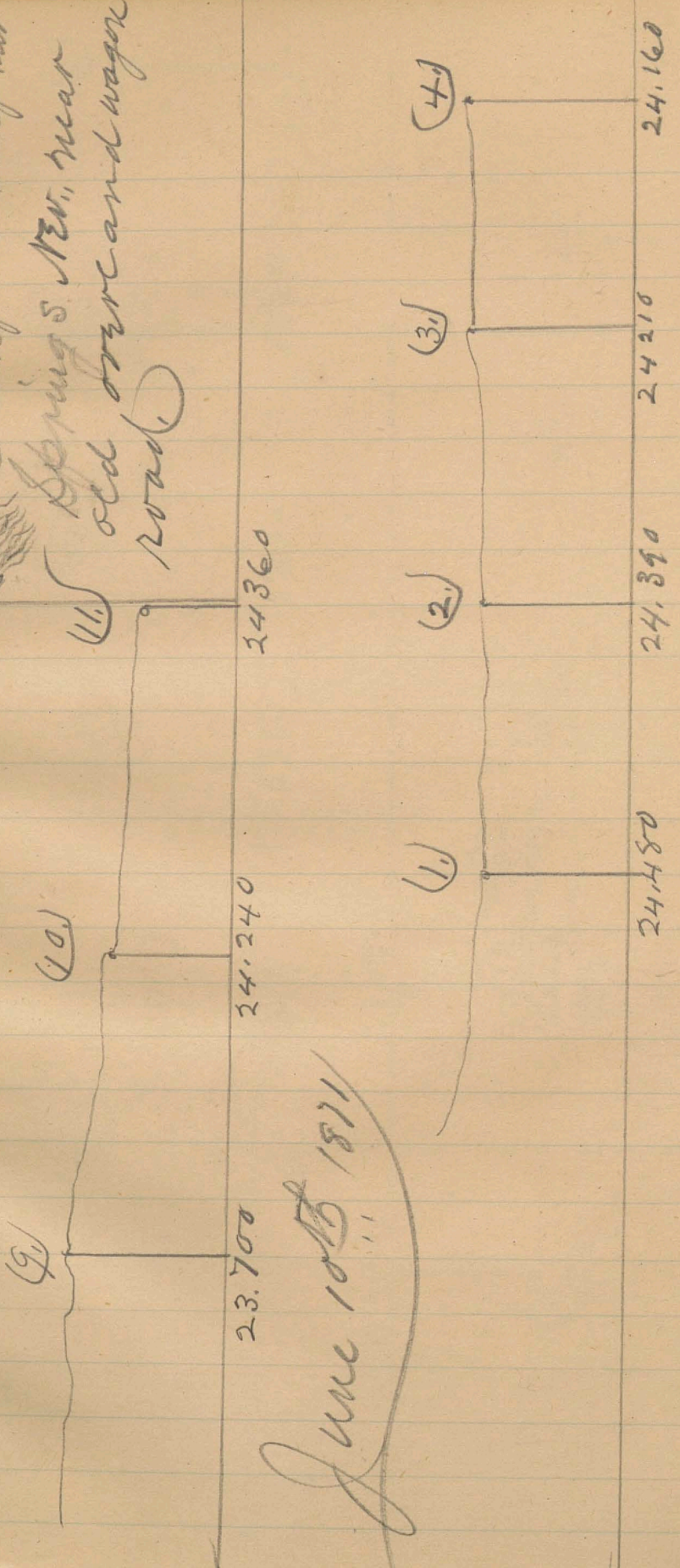
Anemometer Readings taken in the Cave at
 Lemmon Pass near Mineral Hill Idy Nevada

	Date	No of Revs	Barometric Reading	Altitude
Reading at mouth of Cave =	June 8	37	23,695	7375
" in Chamber No. 1 =	" "	37	23,650	7365
Entrance to Chamber 2 =	" "	37	23,670	7350
Chamber No 2 =	" "	37	23,660	7355
Entrance to Chamber 3 =	" "	37	23,655	7360
Reading in Chamber 3 =	" "	37	23,655	7360
Entrance to Chamber 4 =	" "	37	23,670	7340
Reading in Chamber 4 =	" "	37	23,675	7340

From Mineral Hill
 Nevada to - Ureka
 June 9th 1877 Camp

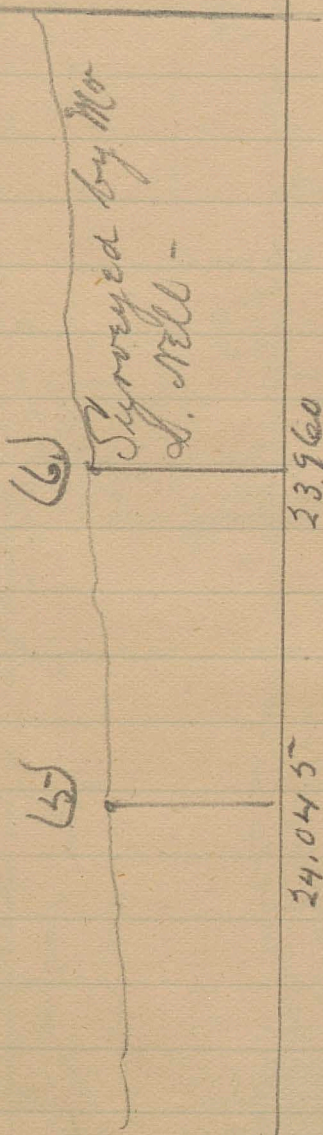


Camp at Sulphur
 Springs, Nev., near
 old dirt and wagon
 road.



June 10th 1871
 ..
 ..

Camp at Eureka



65

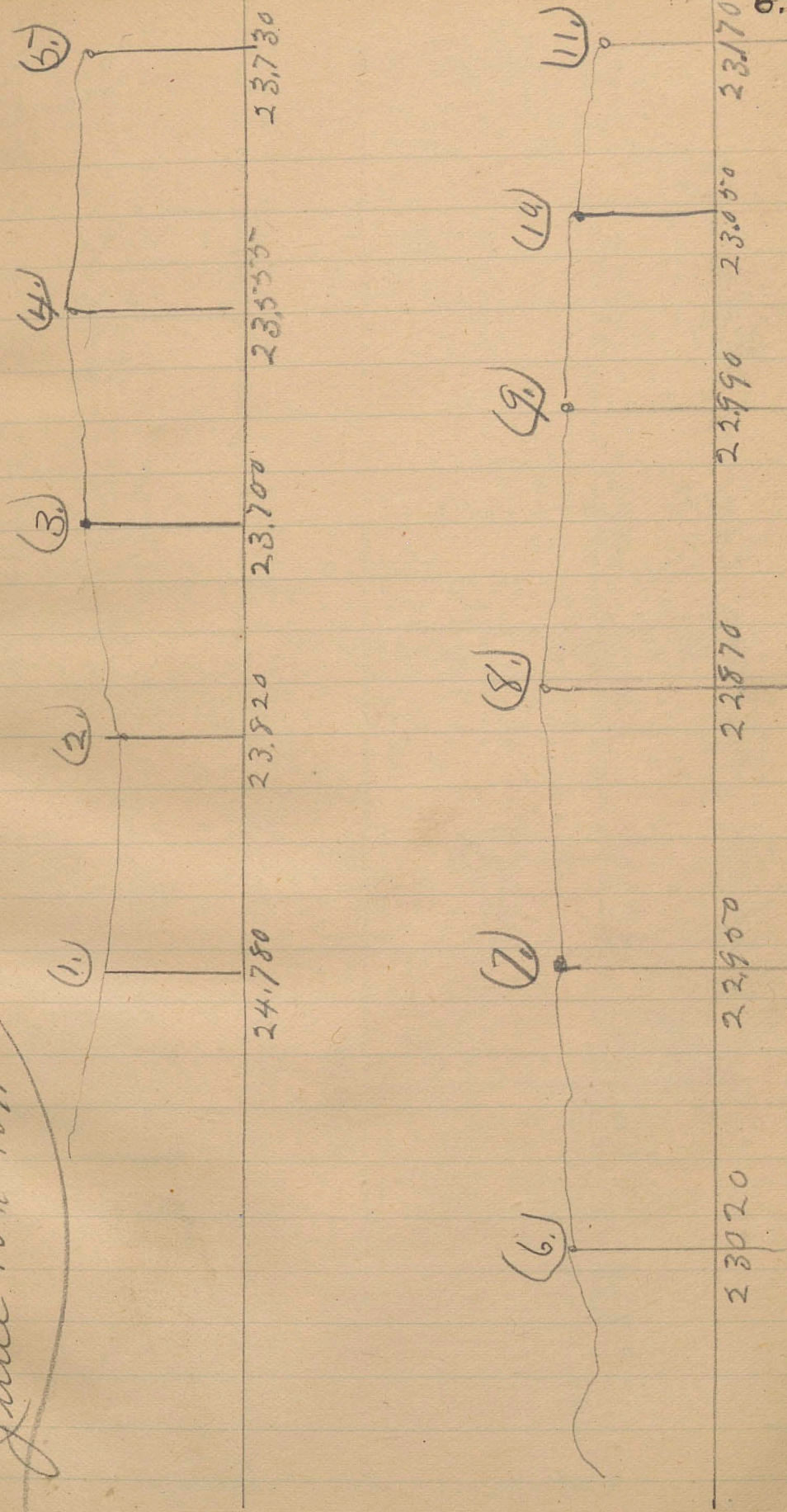
24,045

66

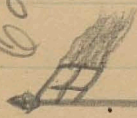
23,960

Surveyed by Mr.
S. Hill -

From Eureka to Moray
 June 13th 1871



Camp at Spring Valley Springs



13.

12.

22,870

22,970

June 14th 1871

n Camp

1.

2.

3.

4.

22,880

23,020

23,305

23,330

23,360

67.4

5.

6.

7.

8.

9.

10.

23,440

23,585

23,535

23,650

23,630

23,710

11.

12.

13.

14.

15.

16.

17.

23,590

23,610

24,760

23,730

23,645

23,670

23,550

3

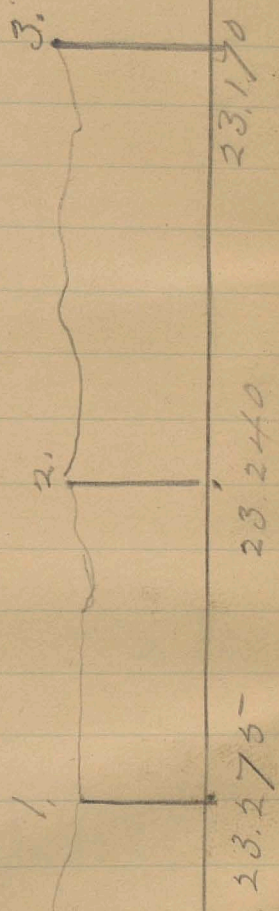
Camp at Sagebrush Creek. 1805

17 hrs

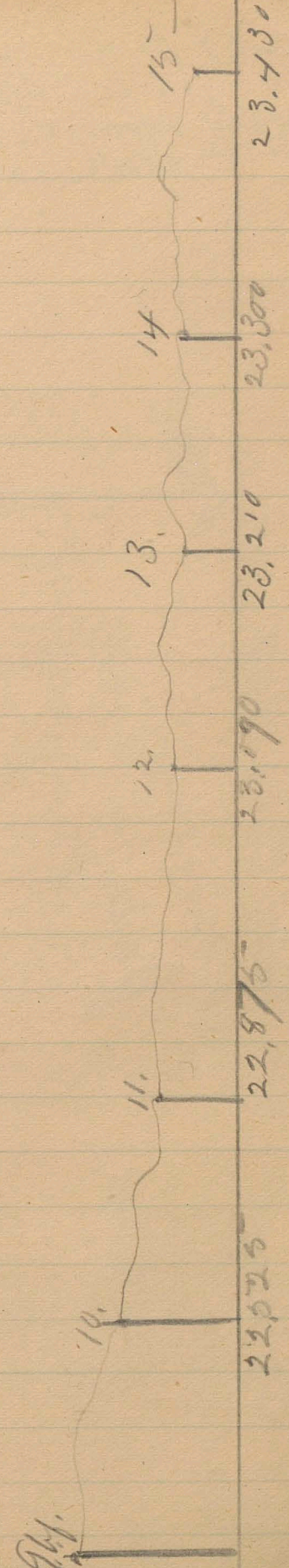
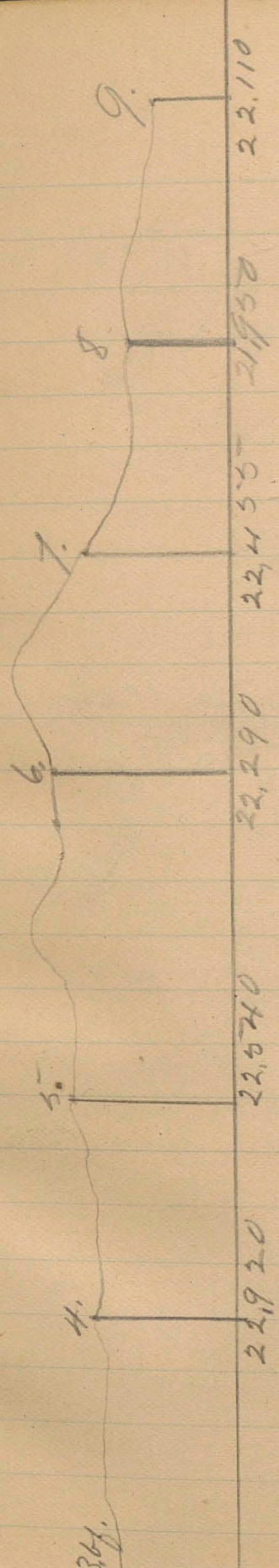
18. on Camp

23,580

Jan 18. 18
From Eagle Creek
to Reading at Camp



23,600



Dec 31 broken = no more
readings taken before
reaching Moray mining
district 37.5

23.520

From Camp at Fish Springs
to Moray
June 16th 1871
Reading at Camp

23.520

Camp at
Fish Springs
Nevada
15th June
16th Camp

23.510

June 20th 1871

From Moray to Belmonts New,

Arden Bar No 1735-

R at Camp



~~Camp at Cold Springs New~~
 4. ~~Resting at 9 P.M.~~
 5. At Camp

24.480

24.196

24.186

23.664

24.472

24.536

364

June 21st 1871.
From Money Co
Belmont, Continued

June 22nd 1871
March Cont.

Camp at
Burling Creek Run,
Reaching
4. at 9⁰⁰ AM
23,170

Summit
2

3

1

1

24,108

23,177

23,267

23,257

23,284

From Belmont to
Silver Canyon Nest,
July 6th 1871 = Reading of Aneroid Barometer
noted in Jno S's Book on account of A.M.

General Reading, at Camp at
Hoie Cabin, at 9 P.M.,

Cistern Bar No 1768 = 24.028

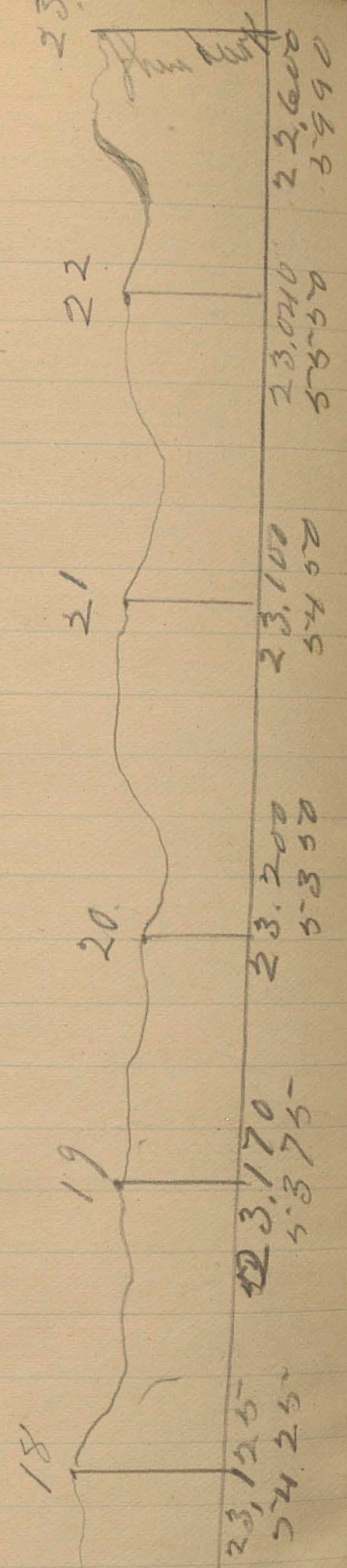
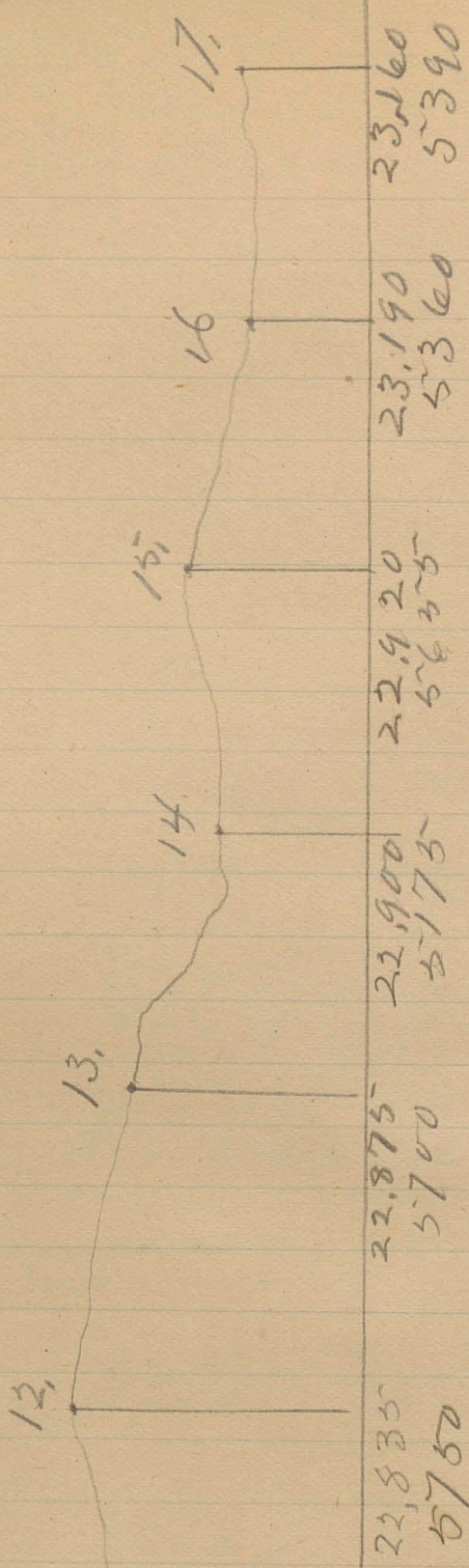
Attached Thermometer = 62.2

Air Bar No 22 = 23.160

Thyg. No 1600 = 63.1 ^B 54.3

From Stone Cabin Run
 to ~~Stanton~~ Summit Camp on the
 July 7th 1871

1	23,175	23,180	23,078	22,790	22,690
	5375	5360	5425	0790	5900
2					
3					
4					
5					
6	22,625	22,600	22,960	23,025	23,095
	5975	5980	5478	5600	5480
7					
8					
9					
10					
11					



July 8th / 871

Reading at
Red Bluff Springs Nev.



23720
5880

Readings taken at Summit
July 8th 1871. at 6 P.M.

Canon Nevada

Western Barometer No 1768 = 23.946
Attached Thermometer 75.4

Annoial Barometer No 49 22.600 - 6000

Approximation 1800 = 76. - 61.2

July 9th 1871

From Zion Canyon to
Penoyer Springs Tex
The work done =

Readings taken at Penoyer Springs

Eastern Bar No 17680 23.740
Attached Thermometer - 71.4
Bar No 22 = 22.620
1749 Bar 1800 = 72.1578

True 9.871

From Penoyer Springs
to Silver Canyon, Texas,
July 10th 1871



22.600
5995

22.700
5890

22.625
5975

22.775
5820

9

8

7

6

5

4

23680
5-910

22630
5-950

23790
5-790

221810
5-775

22920
5-650

22940
5-750

13

12

11

10

14

16

23400
6200

24480
6420

22140
6600

22280
6450

22460
6150

22310
6320

9

21

Camp at Selva Centro

18

22450 Readings of aneroid
6150 taken in meteorological
book

17

22540
6050

16

23590
6000

Cauldron work at Silver Canon New Conn-
 nected July 14th 1871 with account No 22

Reading at
 Stake 44

2	23.710	28590	4	23.380	5	23.345
	7295-	7435-		7445-		7720

23.490
 7550

 23440
 7610

Return

6.	23.110	23000	7.	23.975-	8.	22830	9.	8325-
	7995-	8120		8095-		8095-		by Mr Ogden

Some readings taken
 14

July 19th 1871
Colour work continued

Reading at Stake 44
23,440
7610

Station 1 = 23,430
7610

Station 2 = 23,390
7670

Station 3 = 7680

Station 4 = 7640

Station 5 = 7640

Station 6 = 7645

Station 7 = 77.30

Station 8 = 7770

Station 9 = 7790

Station 10 = 7800

Station 11 = 7875

Station 12 = 7860

Station 13 = 7730

Station 14 = 7680

Station 15 = 7630

Station 16 = 7650

Station 17 = 7650

Station 18 = 7520

Station 19 = 7380

over

Station 20 = 7350

Station 21 = 7245

Station 22 = 7320

Station 23 = 7380

Station 24 = 7560

Station 25 = 7770

Station 26 = 7540

Station 27 = 7600

Station 28 = 7540

Station 29 = 7680

Station 30 or

Slake 44 = 7610

July 20th 1871 Contour work Cont.

Rdg at Stake 45 = 7670

Station 1 = 7765

Station 2 = 7910

Station 3 = 8075

Station 4 = 8120

Station 5 = 8100

Station 6 = 8035

Station 7 = 7925

Station 8 = 7810

Station 9 = 8010

Station 10 = 8125

Station 11 = 8220

(over)

7
Station 12 = 8125

Station 13 = 8160

Station 14 = 8140

Station 15 = 8085

Station 16 = 8075

Station 17 = 8050

Station 18 = 8030

Station 19 = 7945

Station 20 = 7890

Station 21 = 7960

Station 22 = 7900

Station 23 = 7900

Station 24 = 7670

Station 25 = Starting point at
Slake 45 = 7675

8
 Readings on Meteorological
 Mountain July 23rd 1871

Date	Time	No of Barometer	Reading	attd Ther.	Hygrometer A 180013	
July 23 rd	10 A.M.	1735	21.720	64.8	65.7	57.1
"	11 "	"	21.720	71.3	71.7	58.9
"	12 "	"	21.722	78. -	78.5	59.9

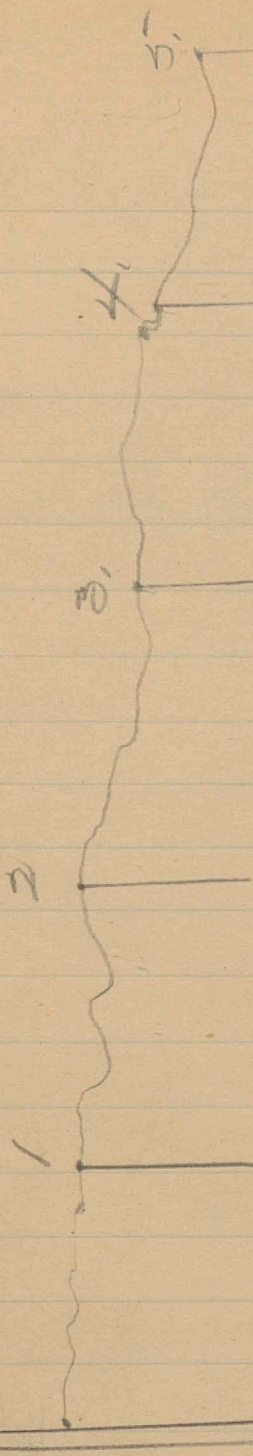
Reading at Camp in evening
 July 23rd 9 P.M. 1735 23.560 61.4 62. - 55.8

Instruments at or on ¹⁰⁷ Tin-pah-ut²

Air Bar	Wind	Force	Clouds		Remarks
			Kind	Am't	
Nov 22	E	4	0	0	
21.470	E	3	0	0	
21.470	E	3	0	0	
21.470	E	3	0	0	
23.340	E	2	0	0	

From "Zim-pah-celi"
Mountain
District Nevada

(July 24?)



7975 - 7980 - 8030 - 7340 - 7050 - 6820

~~Camp at Alkali Flats~~
near Brown District No. 5

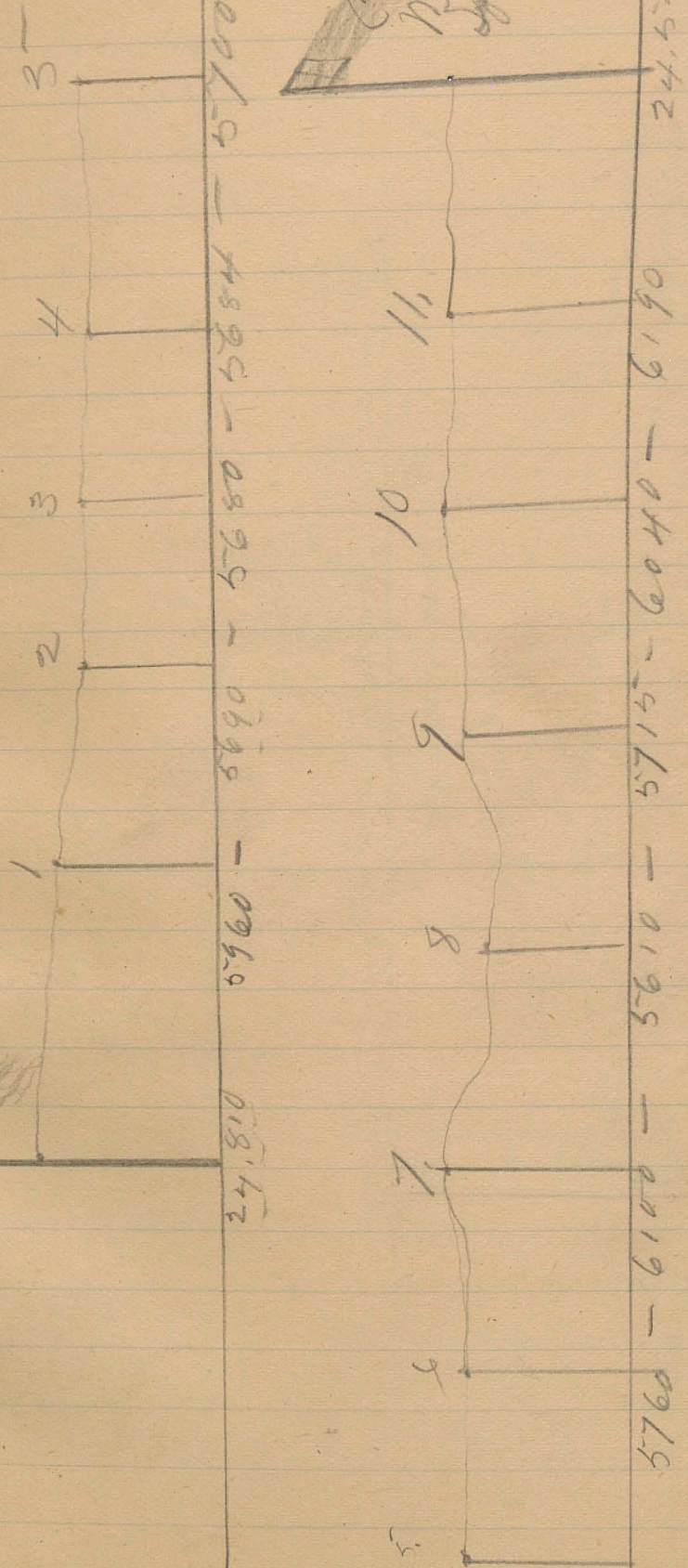
Zor Camp



5960 - 24,846

From Alkali Springs near
to White Bluff Springs Nev.

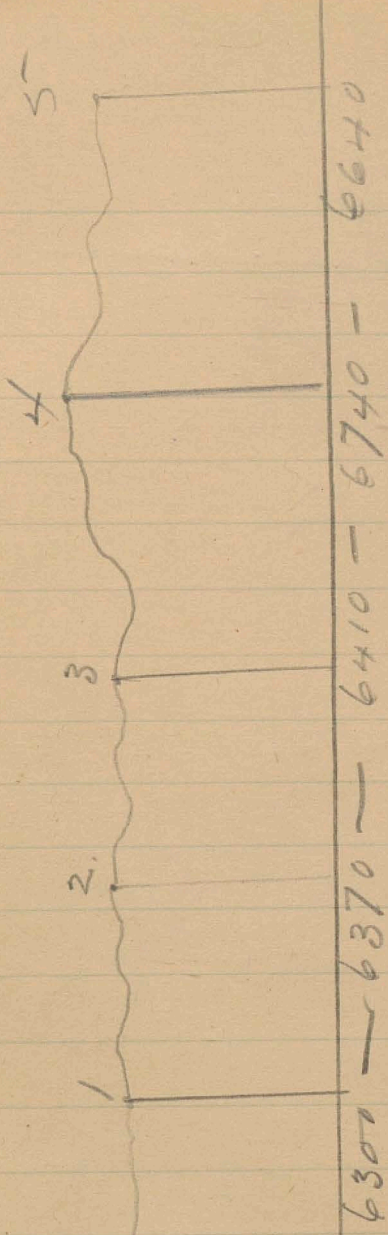
July 25?



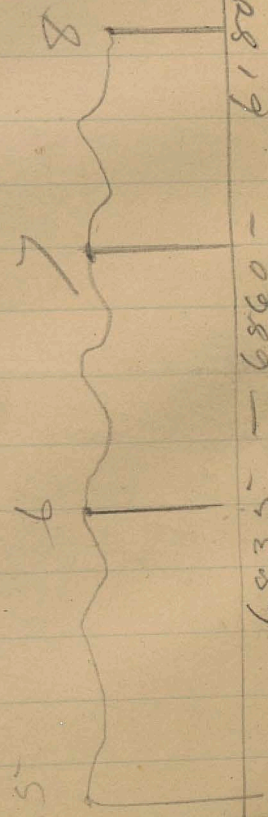
5466
19.

July 26th

From White Bluff
Springs to Smonds
Meadows near

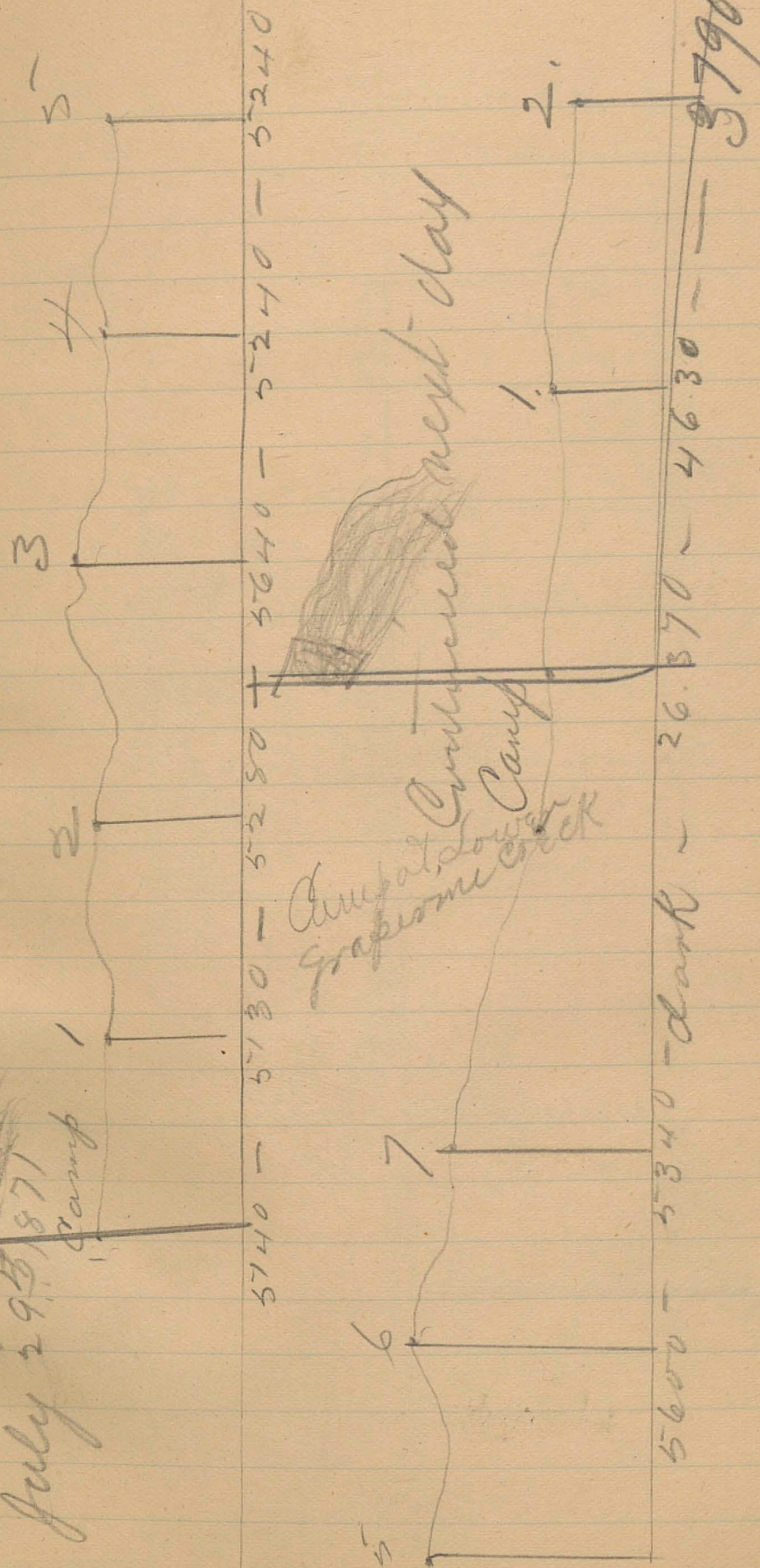


6300 — 6370 — 6410 — 6740 — 6640



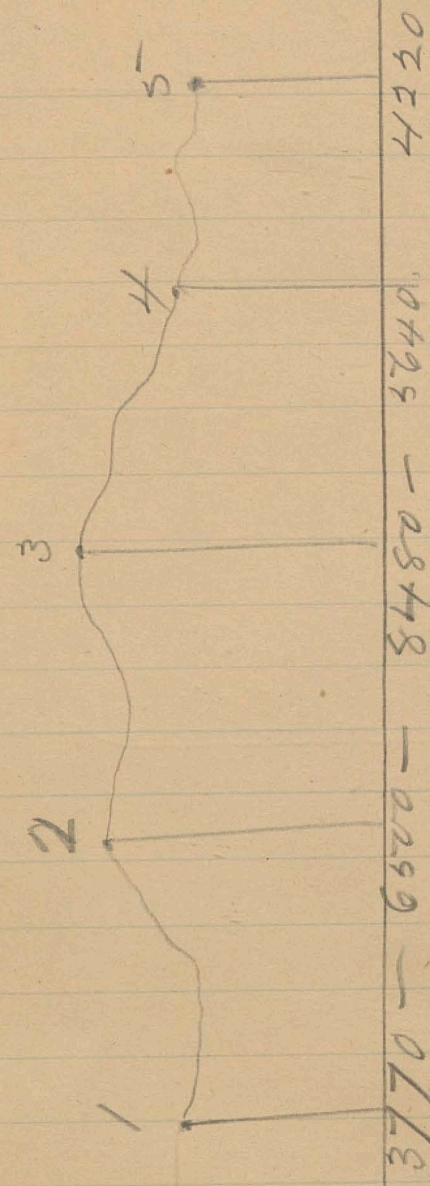
6835 — 6860 — 6180
at 2 A.M. July 27. \$1871 =
Arrived at Smonds Meadows

From Simonds Meadows
to Grape Creek No
July 29, 1871

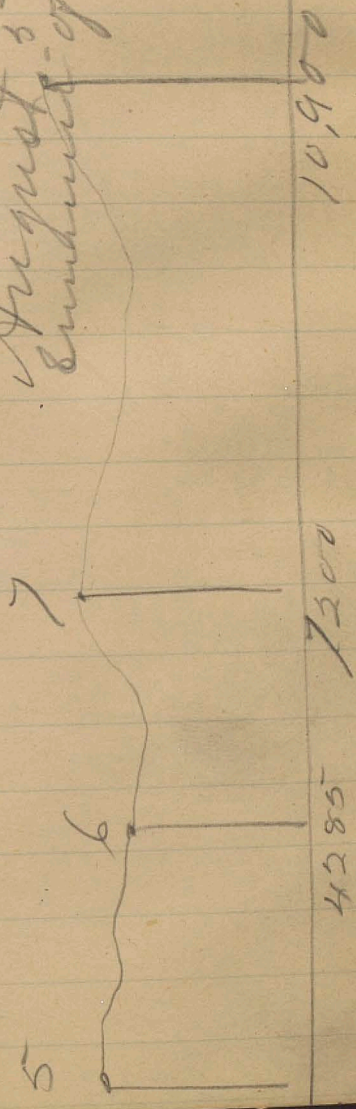


From Grapevine Peak
to Independence

~~Camp~~



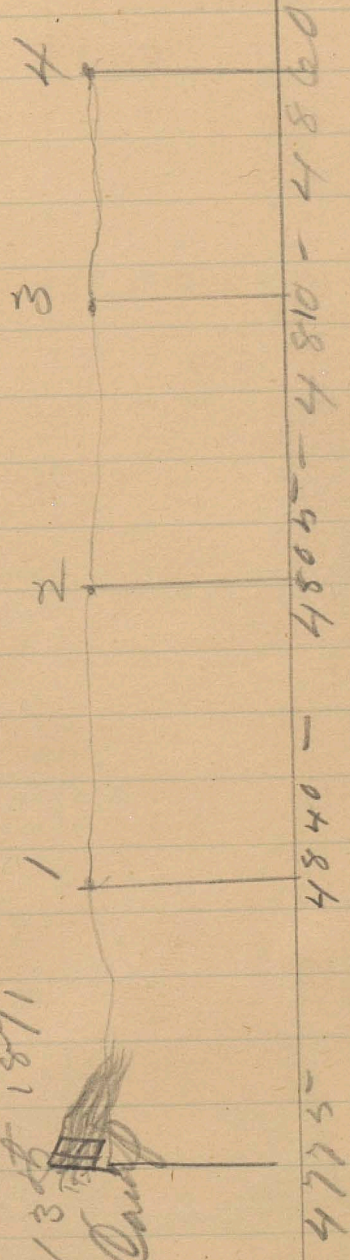
August 3rd
Summit of Mt.



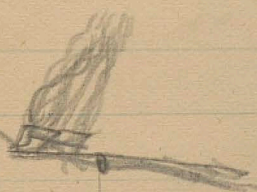
Omens River Camp
to Camp 2. near
Omens Lake

From base pine leaf
Sta 1. on crossing
Omens river August - 12. To 1871

4775
From Camp at Omens river
to August 13. To 1871

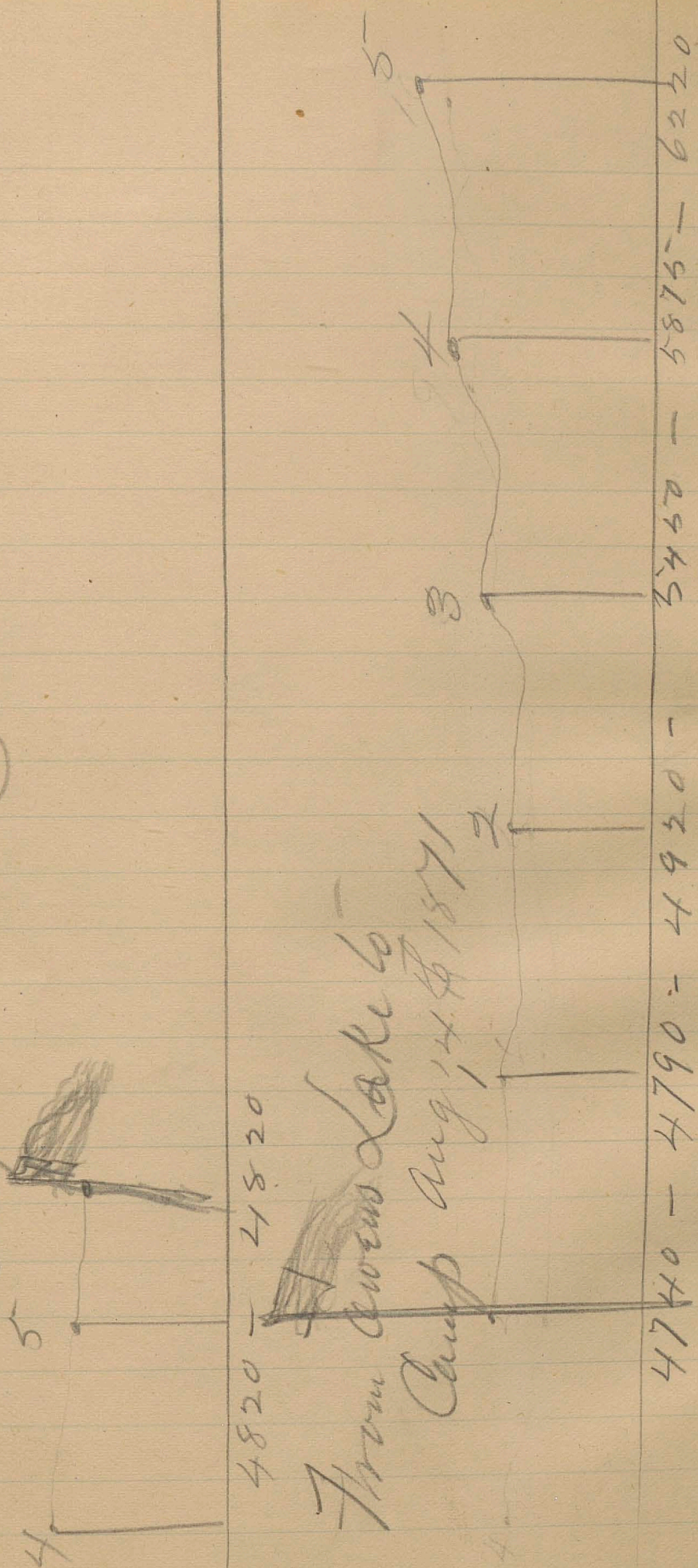


Sta 6 or
Camp at Crew Lake

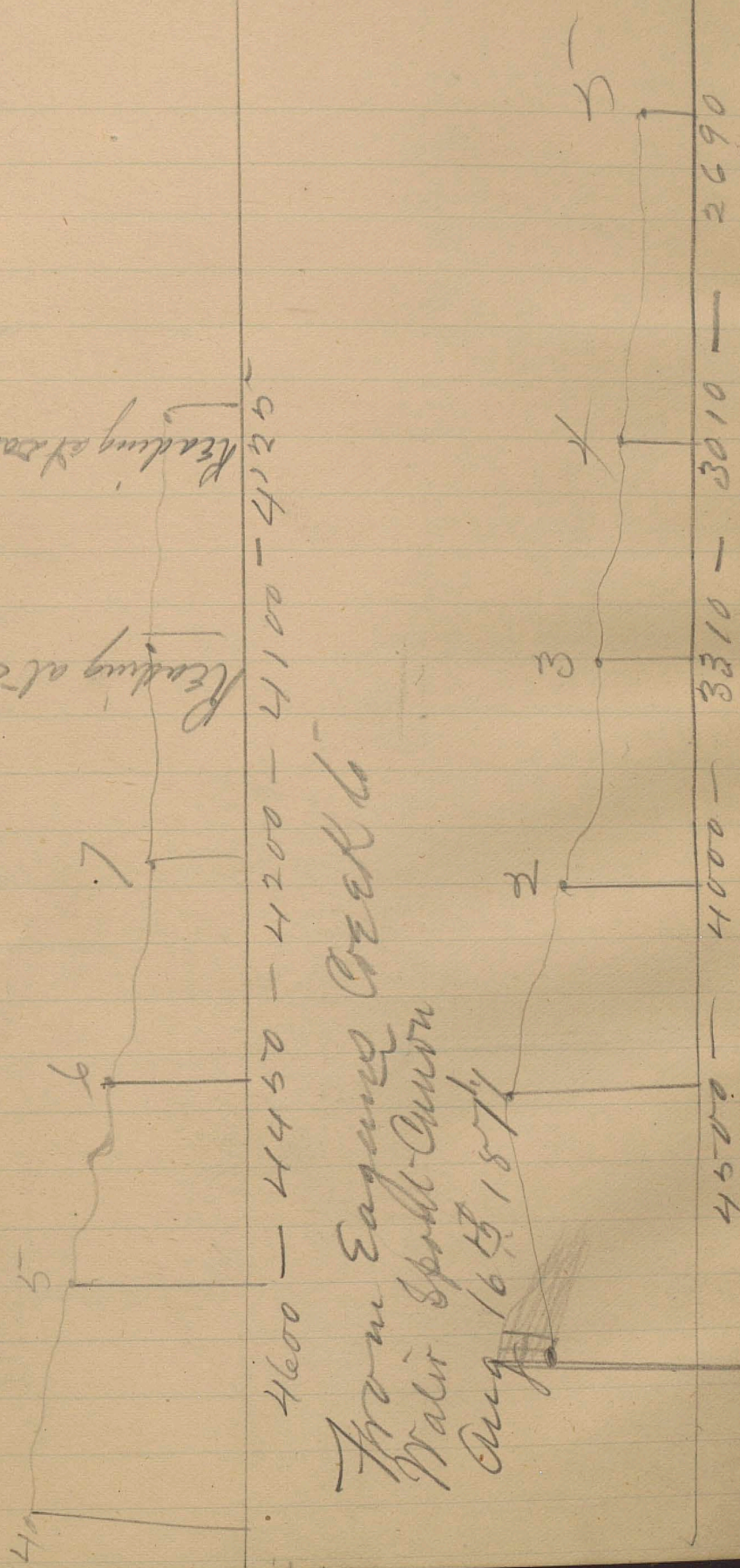


4820 - 4820

From Crew Lake to
Camp Aug 14 1871



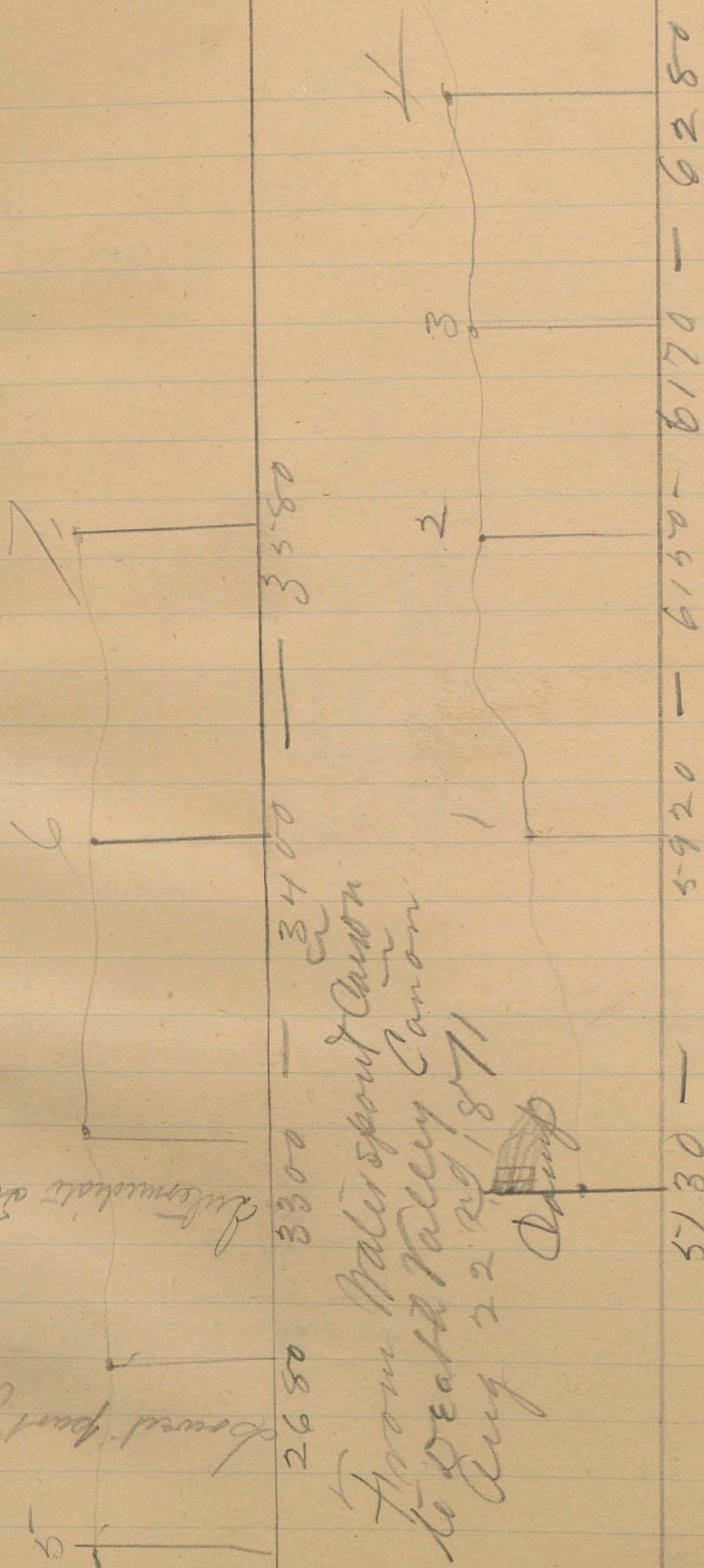
Reading at Eagle Creek
Reading at Warm Spring



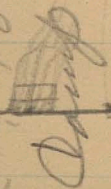
From Eagle Creek to
Water Spout-Canyon
Aug 16th 1871

lowest part of valley

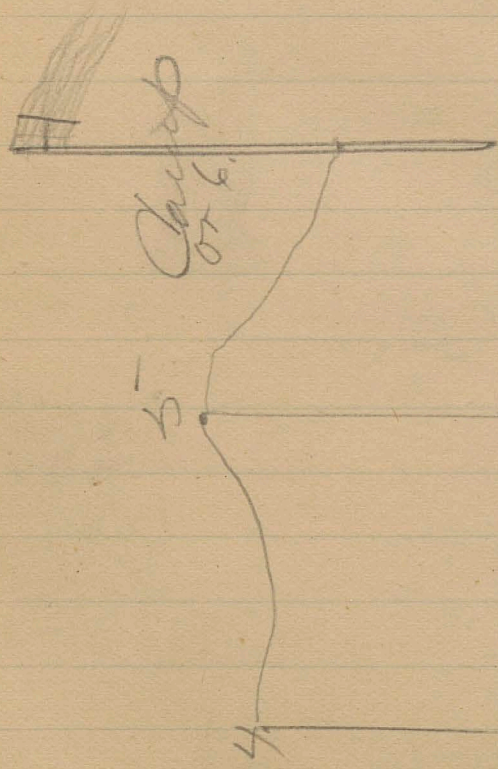
Antennular Station



From Water Spout Cañon
 to Death Valley Cañon
 Aug 22nd 1871



Dump

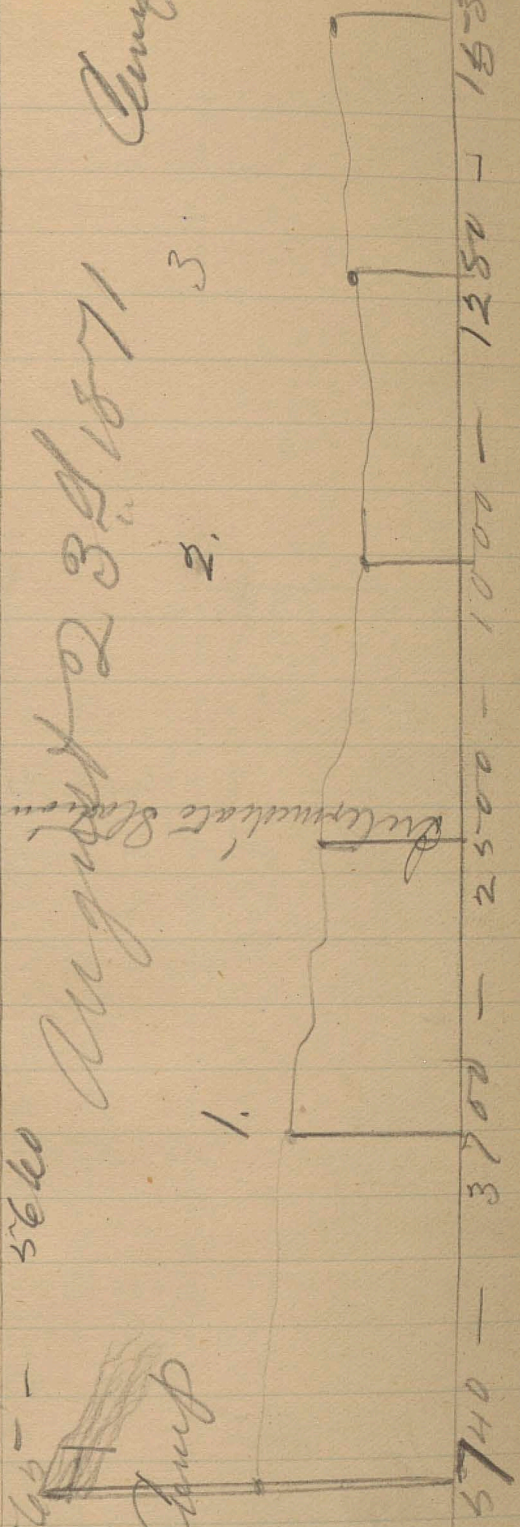


Camp
or 6.

7000 - 5600

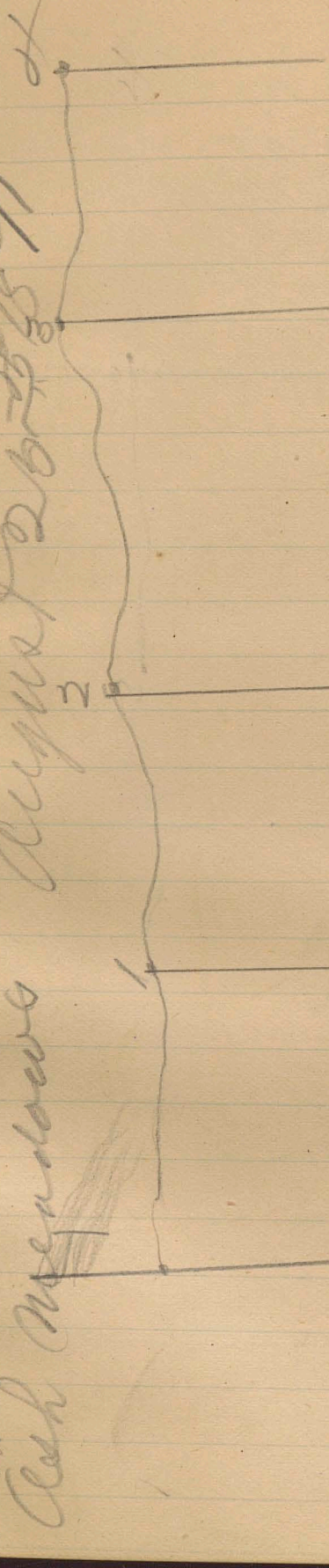
August 23rd 1871
Camp

1.
2.
3.



5740 - 3700 - 2500 - 1000 - 1250 - 1530

From Turnace Creek
Ash Meadows August 26-28 1857



1730 — 2300 — 2745 — 4400
 3910 — 3470 — 3460 — 3370 dard

Station

5.
 6.
 7.
 8.

3910
 3470 — 3460 — 3370 dard

From Ash Meadows
to Hot Springs

Sept 1st, 1871

Camp

~~Camp~~

3

2

4

3490

3540

3820

4030

3660

3800

Sept 2nd, 1871

Camp at
~~Hot Springs~~

3

2

3293

3790

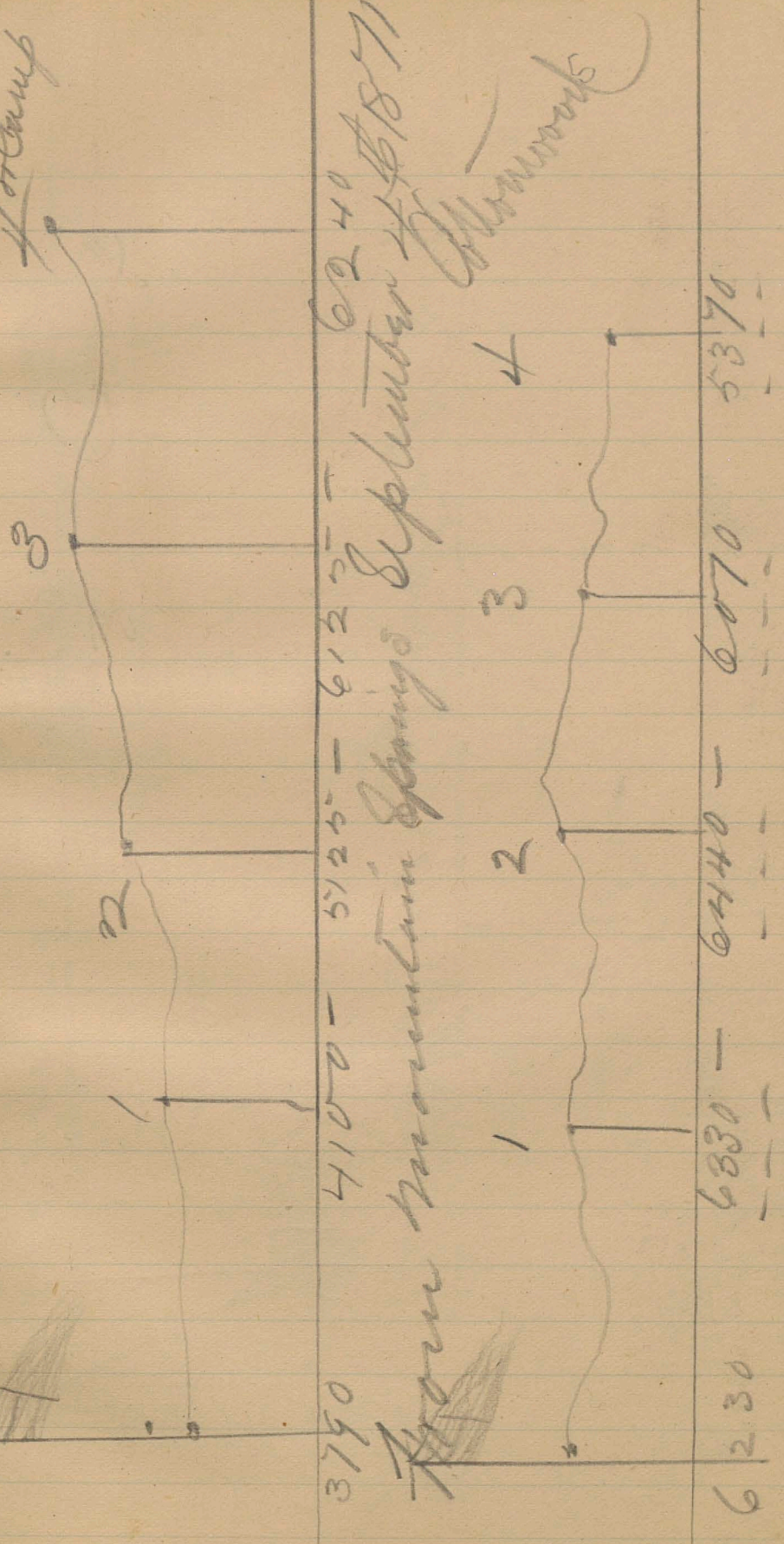
3790

3870

3800

From Stump Springs Sept 3. 1871

Hot Camp



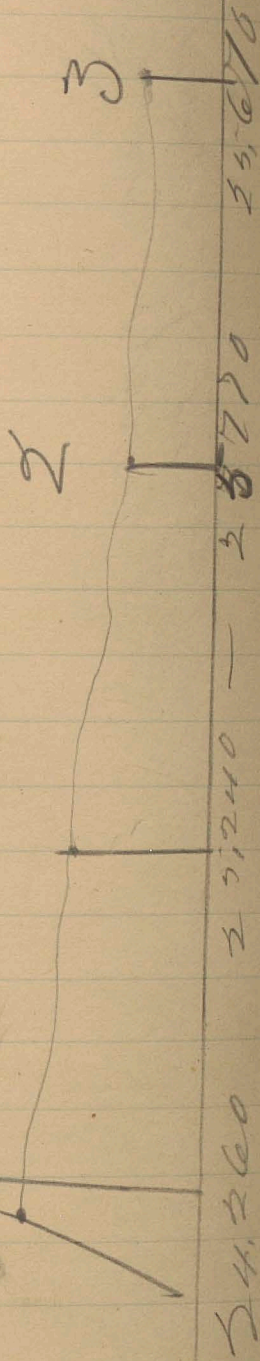
From Blouwood to
Mogare Sept 8th 1871

No work done

~~Crylat Springs~~

From Crylat Springs September 9th 1871

~~Crylat~~



24,260

2,020

2,870

2,960

Summit of Pass
 Crest
 Part of wash

5

4

3

25700

27000

27140

26750

Mining Camp
 Part from Camp at
 September 10

25790

24920

26900

—————

—————

1/10

5 or Camp

2

3

4

3

2

27.010

27.015

26.635

24.940

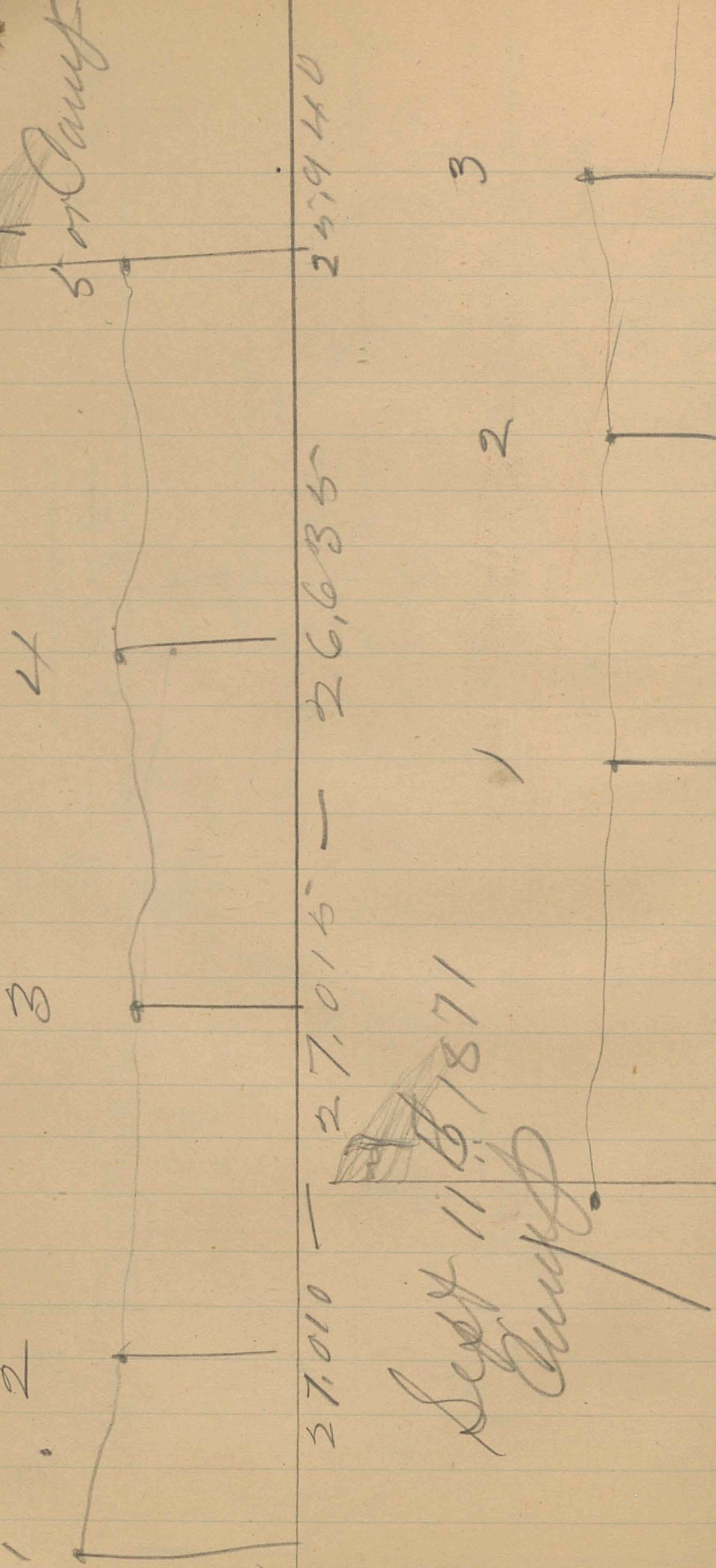
Sept 11 67871
Camp

25,870.

25,960

25,280

25,275

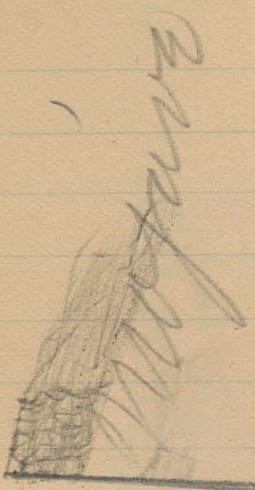


Summit of road.

3

5

Camp



27,100 - 27,985 -

29,175 -