

SAN PASQUAL VALLEY
WATER LEVELS

BOOK 1

WEST

LEVEL BOOK

W324

No. 380

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47

City of San Diego
Bureau of Water Development

SAN PASQUAL VALLEY WATER LEVELS

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"BERGER" TRANSITS and LEVELS

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This book contains the records of measurements taken on the fluctuations of the water level in a series of wells distributed throughout the San Pasqual Valley, San Diego County. These records, in this book, are the property of the City of San Diego.

Measurements taken by:—

Fred. Wm. Ervast, 1241-23rd St

San Diego, Calif.

from 7-6-27 to 8-26-27 (inclusive)

Measurements are taken from a fixed
Reference Point of known elevation, to the
water surface. Figures in *Red Ink* are the
elevations of the reference point on
each well measured.

Series of Weekly Measurements

pages 1 to 72 incl.

and " 91 to 95 "

Series of daily measurements pages 75 to 88 incl.

Well No 1

Bach Lower Pumping Plant - 2" pipe 1.2' above ground

Date	Dist. to Water Surface	Elev. of Water Surface	Barometric Press. Inches. Mercury	
7-6-27				Bach Cr. Dry
7-20	3.21	363.59	29.42	St
7-13-27	3.52	363.28	29.38	Sack Cr. Dry
7-21-27				Bach Cr. Dry
3:06	3.75	363.05	29.27	
7-28-27				Dry
3:40	3.99	362.81	29.30	
8-5-27				Dry
2:52	4.22	362.58	29.35	
8-12-27				Dry
2:37	4.44	362.36		
8-19-27				"
12:26	4.68	362.12		
8-26-27				"
11:35	4.91	361.89		

F. E. Green's Measurements

10/4/27	5.68 ⁰	361.12		Dry
11-11-27	4.67 ⁰	362.13		"
11-29-27	4.27 ⁰	362.53		"
12-23-27	1.83 ^{0.19}	364.97		
1-6-28	3.90 ^{Ditch 0.30}	362.90		
1-19-28	4.87 ^{0.3}	361.93		
1-30-28	5.16 ^{0.3}	361.64		
2-20-28	4.80 ^{0.25}	362.00		
3-23-28	5.26	361.56		
4-18-28	5.29	361.51		
5/25/28	5.42	361.38		
6/28/28	5.70	361.10		
7/26/28	5.87	360.93	0.02	

(see Page 119)

Well No 2

West End of Bradbury N. Fence. 2" pipe 1.4' above ground
16' Deep

Date	Dist. to water surface	Elev. of water surface	Barometric Press.	
7-6-27				
10-18	3.55	354.02	29.38	Coro. in Wash
7-13-27				
3:26	3.78	353.79	29.41	
7-21-27				
2:21	4.01	353.56	29.28	
7-28-27				
2:48	4.22	353.35	29.34	
8-5-27				
2:26	4.46	353.11	29.34	
8-12-27				
12:47	4.69	352.88		
8-19-27				
11:53	4.93	352.64		
8-26-27				
11:15	5.18	352.39		

8/31/27	5.36	352.21		
9/7/27	5.40	352.17		
10/4/27	6.27	351.30		
11-11-27	6.64	350.93		
11-29-27	6.40	351.17		
12-23-27	5.90 ^{0.06}	351.67		
1-6-28	3.29 ^{0.10}	354.28		
1-19-28	2.84 ^{0.15}	354.73		
1/30/28	2.99	354.58		
2/30/28	3.01	354.56		
3/23/28	3.31	354.76		
4/18/28	3.63	353.94		
5/25/28	3.90	353.67		
6/28/28	4.18	353.39		

see Page 120

3.

Well No 3

Center of Bradbury N. Fence 2" pipe 2.2' above ground
17' Deep

Elev. top of pipe	Dist. to water surface	Elev. of water surface	Barometric Press.	
358.76				
7-6-27				
10:14	5.71	353.05	29.38	Corn in wash
7-13-27				
3:22	5.92	352.84	29.41	
7-21-27				
2:18	6.14	352.62	29.28	
7-28-27				
2:45	6.37	352.39	29.34	
8-5-27				
2:23	6.63	352.13	29.34	
8-12-27				
12:47	6.88	351.88		
8-19-27				
11:50	7.12	351.64		
8-26-27				
11:13	7.37	351.39		

F. E. Green's Meas.

8/31/27	7.55	351.21	
9/7/27	7.76	351.00	
10/4/27	8.31	350.45	
11-11-27	8.26	350.50	
11-29-27	7.91	350.85	
12-28-27	7.42	351.34	
1-6-28	6.03	352.73	
1-19-28	5.57	353.19	
1/30/28	5.48	353.28	
2/20/28	4.94	353.82	
3/23/28	5.26	353.50	
4/18/28	5.70	353.06	
5/25/28	6.21	352.55	
6/28/28	6.80	351.96	

See P. 121

Well No 4

4.

East End of Bradbury N. Fence - 2" pipe 0.7' above ground - 15' deep

Elev. top of pipe	Dist. to water surface	Elev. of water surface	Barometric Press.	
356.07				
7-6-27				
10:09	3.61	352.46	29.38	
7-13-27				
3:17	3.14	352.33	29.41	
7-21-27				
2:14	3.87	352.20	29.28	
7-28-27				
2:41	3.99	352.08	29.34	
8-5-27				
2:20	4.16	351.91	29.34	
8-12-27				
12:49	4.31	351.76		
8-19-27				
11:48	4.45	351.62		
8-26-27				
11:06	4.57	351.50		

F. E. Green's Meas.

8/31/27	4.65	351.42	
9/7/27	4.78	351.29	
10/4/27	5.29	350.78	
11-11-27	5.85	350.22	
11-29-27	6.28	349.79	
12-23-27	6.22	349.85	
1-6-28	5.74	350.33	
1-19-28	5.36	350.71	
1/30/28	5.12	350.95	
2/20/28	4.11	351.96	
3/23/28	3.91	352.16	
4/18/28	4.26	351.83	
5/25/28	4.66	351.41	
6/28/28	5.33	350.74	

See P. 122

Well No 5

E. shore of Wood Lake 2" pipe 2.2' above ground 19' deep.

Elev. top of pipe 354.89

Date	Dist. to water Surface	Elev. of water Surface	Barometric Press.	
7-6-27				alfalfa field under
10:02	3.08	351.81	29.38	irrigation
7-13-27				alfalfa field some
3:09	3.17	351.72	29.42	irrigated
7-21-27				
2:00	3.31	351.58	29.28	
7-28-27				
2:33	3.51	351.38	29.31	
8-5-27				alfalfa field
2:12	3.57	351.32	29.37	under irrigation
8-12-27				ground
12:38	3.67	351.22		damp.
8-19-27				
11:43	3.77	351.12		
8-26-27				
11:01	3.90	350.99		

F. E. Green's Meas.

8/31/27	4.00	350.89	
10/4/27	4.64	350.25	
11-11-27	4.80	350.09	
11-29-27	4.88	350.01	
12-23-27	4.27	350.62	
1-6-28	4.12	350.77	
1-19-28	3.89	351.00	
1/30/28	3.88	351.01	
2/20/28	3.25	351.64	
3/23/28	2.90	351.99	
4/18/28	2.75	352.14	
5/28/28	Irrig.		
6/25/28	"		

Cont'd on Pg. 123

Well No 6

N. side of Road opposite Wood House 4" casing 29' deep

Elev. top of casing 361.96

Date	Dist. to water Surface	Elev. of water Surface	Barometric Press.	
7-6-27				
10:28	8.99	352.97	29.38	
7-13-27				
3:38	9.22	352.74	29.36	
7-21-27				
2:32	9.49	352.47	29.24	
7-28-27				
2:58	9.73	352.23	29.33	
8-5-27				
1:58	10.00	351.96	29.34	
8-12-27				
12:25	10.16	351.80		
8-19-27				irrig.
11:26	10.34	351.62		
8-26-27				
10:52	10.48	351.48		

8/31/27	10.60	351.36	
10/4/27	11.14	350.82	
11-11-27	11.10	350.86	
11-29-27	11.05	350.91	
12-23-27	10.82	351.14	
1-6-28	10.44	351.52	
1-6-28	10.43	351.53	
1/19/28	10.18	351.78	
1/30/28	10.01	351.95	
2/20/28	9.12	352.84	
3/23/28	8.59	353.37	
4/18/28	8.18	353.78	
5/25/28	8.63	353.33	
6/28/28	9.91	352.05	

Cont'd on Pg. 124

Well No 7

Geo. Wood House Well 12" casing 30' deep. 2" cent. pump. 3.2' below ground
Reference Point Flange top of suction pipe. 12.1' above casing

Elev. of Reference Point 361.21

Date	Dist. to water Surface	Elev. of water Surface	Barometric Press.
7-6-27			
10:35	8.06	353.15	29.38
7-13-27			
2:22	8.29	352.92	29.42
7-21-27			
1:11	8.56	352.65	29.28
7-28-27			
1:46	8.81	352.40	29.36
8-5-27			
1:24	9.13	352.08	29.37
8-12-27			
11:55	9.27	351.94	
8-19-27			
10:59	9.46	351.75	
8-26-27			
10:22	9.61	351.60	

F E Green's Meas

8/31/27	9.75	351.46	
11-11-27	10.26	350.95	
11-29-27	10.25	350.96	
12-23-27	11.97	351.24	
1-6-28	14.40	346.81	
1-6-28	9.58	351.63	
1/19/28	9.33	351.88	
1/30/28	9.14	352.07	
2/20/28	8.16	353.05	
3/23/28	7.69	353.54	
4/18/28	7.14	354.07	
5/25/28	7.67	353.54	
6/28/28	8.95	352.26	

Cont'd on Pg. 125

Well No 8

On lane fence S. of Wood House 2" pipe 2' above ground 16' deep

Elev. top of pipe 358.30

Date	Dist. to Water Surface	Elev. of Water Surface	Barometric Press.
7-6-27			
10:39	4.83	353.47	29.38
7-13-27			
2:28	4.71	353.59	29.42
7-21-27			
1:17	4.83	353.47	29.30
7-28-27			
1:53	5.03	353.27	29.35
8-5-27			
1:29	5.31	352.99	29.36
8-12-27			
12:00	5.55	352.75	
8-19-27			
11:05	5.79	352.53	
8-26-27			
10:47	5.97	352.33	

8/31/27	6.12	352.18	
10/4/27	6.79	351.51	
11-11-27	7.06	351.24	
11-29-27	6.96	351.34	
12-23-27	6.82	351.48	
1-6-28	6.56	351.74	
1-19-28	6.28	352.02	
1/30/28	6.08	352.24	
2/20/28	5.16	353.14	
3/23/28	4.36	353.94	
4/18/28	3.30	355.00	
5/25/28	3.63	354.67	
6/28/28	4.97	353.33	

Cont'd on Pg. 126

Well No 9

On lane fence S. of Wood House 2" pipe 2.1' above ground 18.5' deep

Date	Dist. to water Surface	Elev. of Water Surface	Barom. Press.	
7-6-27				water standing in
10-4-27	6.02	354.51	29.38	pool about 40' S.
7-13-27				
2-13-27	6.51	354.02	29.42	pool
7-21-27				no water in
1-21	7.00	353.53	29.30	pool/Bottom wet
7-25-27				
1-5-28	7.38	353.18	29.33	pool/dry
8-5-27				
1-3-28	7.75	352.70	29.36	" "
8-12-27				
12-03	8.02	352.51		" "
8-19-27				
11-08	8.25	352.28		" "
8-26-27				
10-30	8.49	352.09		" "

F. E. Green's Meas.

8/31/27	8.58	351.95	
10/4/27	9.08	351.45	
11-11-27	9.08	351.45	
11-29-27	8.93	351.60	
12-23-27	8.67	351.86	
1-6-28	8.31	352.22	
1-19-28	8.09	352.44	
1/30/28	7.92	352.61	
2/20/28	7.00	353.53	
3/23/28	6.49	354.02	
4/18/28	5.71	354.82	
5/25/28	5.88	354.65	
6/25/28	7.46	353.07	

Cont'd on Pg. 127

Well No 10

On lane fence S. of Wood House 2" pipe 1.7' above ground 20' deep.

Date	Dist. to water Surface	Elev. of Water Surface	Barometric Press.	
7-6-27				Bradbury Ditch
10-5-27	6.67	354.38	29.38	Dry
7-13-27				Bradbury Ditch Dry
2-13-27	6.84	354.21	29.41	
7-21-27				Bradbury Ditch Dry
1-21	6.88	354.17	29.28	(Wood Place)
7-28-27				Bradbury Ditch
2-10-28	7.08	353.97	29.33	(Wood Place) Dry
8-5-27				Ditch Dry
1-4-28	7.29	353.76	29.36	
8-12-27				
12-08	7.49	353.56		" "
8-19-27				
11-12	7.68	353.37		" "
8-26-27				
10-30	7.85	353.20		" "

8/31/27	7.98	353.07	
10/4/27	8.68	352.37	
11-11-27	9.31	351.74	
11-29-27	9.15	351.90	
12-23-27	8.65	352.40	
1-6-28	8.35	352.70	
1-19-28	8.26	352.79	
1/30/28	8.16	352.89	
2/20/28	7.73	353.32	
3/23/28	6.35	354.70	
4/18/28	5.69	355.36	
5/25/28	7.13	353.92	
6/25/28	8.43	352.62	

Cont'd on Pg. 128

Well No 11

On lane fence S. of Wood House 2" pipe 1.3' above ground
18.5' deep. near river 358.8 Ground.

Elev. top of pipe 360.15

Date	Dist. to water Surface	Elev. water Surface	Barometric Press.
7-6-27			
10-15-27	6.29	353.86	29.38
7-13-27			
2-1-28	6.69	353.46	29.41
7-21-27			
1-3-28	7.01	353.14	29.27
7-28-27			
2-11	7.26	352.89	29.33
3-5-27			
1-4-28	7.48	352.67	29.37
8-12-27			
12-12	7.68	352.47	
8-19-27			
11-16	7.82	352.33	
8-26-27			
10-38	7.92	352.23	

F. E. Green's Meas.

8/31/27	8.01	352.14
10/4/27	8.29	351.86
11-11-27	6.98	353.17
11-29-27	6.91	353.24
12-23-27	6.29	353.86
1-6-28	6.22	353.93
1-19-28	6.22	353.93
1/30/28	6.22	353.93
2/20/28	6.18	353.97
3/23/28	6.10	354.05
4/18/28	5.93	354.42
5/25/28	6.70	353.45
6/28/28	7.53	352.62

Dry Water

Dry

Sandy bet 10 & 11

Cont'd on Pg. 129

Well No 12

W. Bank of junction of Bach Creek with San Dieguito River. 2" pipe
15.5' deep

Elev. top of pipe 348.05

Date	Dist. to water Surface	Elev. water Surface	Barometric Press.
7-6-27			
7-08	4.56	343.49	29.40
7-13-27			
2-5-28	4.63	343.42	29.38
7-21-27			
2-4-28	4.67	343.38	29.30
7-28-27			
3-5-28	4.68	343.37	29.34
8-5-27			
3-17	4.69	343.36	29.39
8-12-27			
1-28	4.68	343.37	
8-19-27			
12-37	4.66	343.39	
8-26-27			
11-57	4.65	343.40	

San Dieguito River
2:50pm 7-5-27 1.185 S.F.
San Dieguito Riv.
4:30pm 7-17-27 0.812 S.F.
San Dieguito River
1:40pm 6-15-27 1-22-27
Flow in river very
small. Could not use
current meter (obscured)
San Dieguito River
Est. 0.025 S.F.
River 0.015 S.F.
" 0.015 S.F.
" 0.015 S.F.

Pools

8/31/27	4.71	343.34
10/4/27	4.66	343.39
11-11-27	4.50	343.55
11-29-27	4.56	343.49
12-23-27	4.20	343.85
1-6-28	4.32	343.73
1-19-28	4.27	343.78
1/30/28	4.26	343.79
2/20/28	4.22	343.83
3/23/28	4.55	343.50
4/18/28	4.56	343.49
5/25/28	4.84	343.51
6/28/28	4.60	343.45

Pools

0.01

2.0

2.0

15.0

15.0

20.0

15.0

25.0

4.0

2.0

0.02

Pools

Well No 13

On S. side of road near bridge over Bach Cr. 2.4' above ground 19' deep.

Date	Elev. top of pipe	Dist. to water Surface	Elev. water Surface	Barometric Press.	
7-6-27	352.74			350.3	Bach Cr. dry
7-6-27		4.12	348.62	29.40	
7-13-27					Bach Cr. dry
7-13-27		4.23	348.51	29.36	
7-21-27					Bach Cr. Dry
7-21-27		4.36	348.38	29.27	
7-28-27					Dry
7-28-27		4.50	348.24	29.30	
8-5-27					Dry
8-5-27		4.66	348.08	29.37	
8-12-27					"
8-12-27		4.80	347.94		
8-19-27					"
8-19-27		4.92	347.82		
8-26-27					"
8-26-27		5.04	347.70		

F. E. Green's Meas.

8/31/27	5.13	347.61	
9/7/27	5.27	347.47	
10/4/27	5.49	347.25	
11-11-27	4.67	348.07	
11-29-27	4.52	348.22	
12-23-27	3.39	349.35	
1-6-28	2.74	350.00	
1/9/28	2.81	349.93	0.30
1/30/28	2.87	349.87	0.20
2/20/28	2.19	350.55	0.20
3/23/28	2.69	350.05	0.20
4/18/28	3.10	349.64	0.10
5/25/28	3.49	349.25	0.10
6/2/28	4.02	348.72	0

Well No 14

Old Pratt Ranch Wind-mill & cent. pump. Top of 2"x12" 3.5' above ground.

Date	Elev. of Ref. Pt.	Dist. to water Surface	Elev. water Surface	Barometric Press.	
7-6-27	362.34			358.84	
7-6-27		11.91	350.43	29.38	
7-13-27					Cent pump working
7-13-27		15.38	346.96	29.36	windmill working
7-21-27					
7-21-27		12.32	350.02	29.25	
7-28-27					pumping.
7-28-27		18.12	344.22	29.31	
8-5-27					
8-5-27		13.28	349.06	29.35	
8-12-27					
8-12-27		12.98	349.36		
8-19-27					
8-19-27		13.03	349.31		
8-26-27					
8-26-27		12.79	349.55		

8/31/27	13.21	349.13	
10/4/27	13.51	348.83	
11-11-27	13.03	349.31	
11-29-27	12.88	349.46	
12-23-27	12.58	349.76	
1-6-28	12.02	350.32	
1-19-28	11.84	350.50	
1-30-28	11.81	350.53	
2/20/28	11.00	351.34	
3/23/28	11.06	351.28	
4/18/28	10.86	351.48	
5/25/28			Pumping
5/30/28	11.26	351.88	
6/2/28	14.65	347.69	

Pumped.

Well No 15

P. Meinvielle old dug well Ref. Pt. Top of cover.
18' deep.

Elev. of Ref. Pt. 364.67

Date	Dist. to water Surface	Elev. water Surface	Barometric Press.
7-6-27			
11-13	10.73	353.94	29.34
7-13-27			
2:15	10.97	353.70	29.42
7-21-27			
1:05	11.24	353.43	29.32
7-28-27			
1:42	11.54	353.13	29.34
8-5-27			
1:17	11.75	352.92	29.38
8-12-27			
11:50	11.93	352.74	
8-19-27			
10:55	12.10	352.57	
8-26-27			
10:17	12.24	352.43	

F. E. Green's Meas.

8/31/27	12.42	352.25	
10/4/27	13.02	351.65	
11-11-27	13.15	351.52	
11-29-27	13.42	351.25	
12-23-27	13.10	351.57	
1-6-28	12.66	352.01	
1-19-28	12.39	352.28	
1/30/28	12.18	352.49	
2/20/28	11.06	353.61	
3/23/28	10.65	354.02	
4/18/28	10.32	354.35	
5/25/28	10.72	353.95	
6/28/28	11.76	352.91	

Well No 16

Jennings windmill (Spaulding).

Elev. of Ref. Pt. 370.16

Date	Dist. to water Surface	Elev. water Surface	Barometric Press.
7-6-27			
11-24	12.94	357.22	29.34
7-12-27			
2:03	13.10	357.06	29.43
7-21-27			
12:56	13.35	356.81	29.30
7-28-27			
1:33	13.32	356.84	29.34
8-5-27			
1:09	12.99	357.17	29.36
8-12-27			
11:41	12.83	357.33	
8-19-27			
10:44	13.66	356.50	
8-26-27			
10:05	13.42	356.74	

10/4/27	14.86	355.30	
11-11-27	14.39	355.77	
11-29-27	14.44	355.72	
12-23-27	14.02	356.14	
1-6-28	13.01	357.15	
1-19-28	12.43	357.73	
1-30-28	12.11	358.05	
2-20-28	11.37	358.79	
3-23-28	11.21	358.95	
6/28/28	25.00	345.16	
7/26/28	13.33	356.83	
8/21/28	14.06	356.10	

(See Page 116)

Pumped

Well No 17

W. side of road S. of Moss Place 2" pipe 2.2' above ground.
21' deep

Elev. top of pipe 364.07

361.87 Ft "

Date	Dist. to Water Surface	Elev. of Water Surface	Barometric Press.	
7-6-27		359.76		Small drainage channel
11-38	4.31	29	29.36	about 60 N. Dry
7-13-27				Drainage channel (12:20)
12-31	4.19	359.88	29.45	7-13-27 0.107 S.F.
7-21-27				2" pipe channel dry
11-50	4.55	359.52	29.38	channel dry
7-28-27				channel dry
12-45	5.01	359.06	29.39	
8-5-27				" "
12-26	5.28	358.79	29.46	
8-12-27				" "
11-37	5.58	358.49		
8-19-27				" "
12-42	5.88	358.19		
8-26-27				
9-18	6.16	357.91		

F.E. Green's Meas.

8/31/27	6.37	357.70	
10/4/27	7.22	356.85	
11-11-27	7.34	356.73	
11-29-27	6.98	357.09	
12-23-27	5.73 ^{0.03}	358.34	
1-6-28	3.94 ^{0.03}	360.13	
1/19/28	3.73	360.34	0.1
1/30/28	3.65	360.42	0.1
2/20/28	3.52	360.55	0.15
3/23/28	3.54	360.53	0.30
4/18/28	3.50	360.57	0.50
5/25/28	4.32	359.75	0.
6/28/28	4.89	359.18	0.

Well No 18

W. side of road S. of No 17. 2" pipe 2.1' above ground. 18.5' deep

Elev. top of pipe 365.80

Date	Dist. to water Surface	Elev. of Water Surface	Barometric Press.
7-6-27			
11-43	5.83	359.97	29.36
7-13-27			
12-36	6.09	359.71	29.45
7-21-27			
11-55	6.13	359.67	29.38
7-28-27			
12-50	6.50	359.30	29.39
8-5-27			
1-03	6.83	358.97	29.46
8-12-27			
11-34	7.13	358.67	
8-19-27			
10-37	7.43	358.37	
8-26-27			
9-20	7.71	358.09	

8/31/27	7.92	357.88	
10/4/27	8.84	356.96	
11-11-27	9.04	356.76	
11-29-27	8.63	357.17	
12-23-27	7.59	358.21	
1-6-28	6.22	359.58	
1-19-28	5.92	359.88	
1/30/28	5.76	360.04	
2/20/28	5.30	360.50	
3/23/28	5.45	360.38	
4/18/28	5.43	360.37	
5/25/28	5.80	360.00	
6/28/28	6.56	359.24	

Old wind mill deserted house on Wood Place. Ref. Pt. 0.8' above ground.

Elev. of Ref. Pt. 366.48

Date	Dist. to Water Surface	Elev. water Surface	Barometric Press.
7-6-27			
11:47	6.85	359.63	29.36
7-13-27			
12:45	7.39	359.09	29.45
7-21-27			
12:17	7.79	358.69	29.37
7-28-27			
12:55	8.08	358.40	29.38
8-5-27			
12:31	8.39	358.09	29.45
8-12-27	8.66		
11:30	8.77	357.82	
8-19-27			
10:34	8.89	357.59	
8-26-27			
9:24	9.18	357.30	

F.E. Green's Meas.

8/31/27	9.36	357.12
10/4/27	10.18	356.30
11-11-27	10.20	356.28
11-29-27	9.76	356.72
12-23-27	9.13	357.35
1-6-28	8.44	358.04
1-19-28	8.03	358.45
1/30/28	7.82	358.66
2/20/28	7.16	359.32
3/23/28	6.23	360.75
4/18/28	6.07	360.41
5/25/28	7.03	359.45
6/28/28	8.26	358.24

All ditches along this bank
4/8' below surface within last
day or so.

S. of No 19 2" pipe 3.1' above ground. 19' deep.

Elev. top of pipe 367.62 (Well in edge of Red soil.)

Date	Dist. to water Surface	Elev. of Water Surface	Barometric Press.	
7-6-27				
11:56	6.14	361.48	29.37	Bradbury Ditch (Hall Place)
7-13-27				(7-5-27) Dry Dry
1:12	6.99	360.63	29.41	Dry.
7-21-27				Bradbury Ditch (Hall Place)
12:30	7.84	359.78	29.34	Sand damp wet
7-28-27				Bradbury Ditch (Hall Place)
1:03	8.31	359.31	29.36	Dry
8-5-27				Dry
12:38	8.79	358.83	29.42	Bradbury Ditch (Hall Place)
8-12-27				Dry
11:18	9.14	358.48		
8-19-27				" "
10:22	9.44	358.18		
8-26-27				" "
9:57	9.72	357.90		

8/31/27	9.92	357.70
10/4/27	10.90	356.72
11-11-27	11.05	356.57
11-29-27	10.29	357.33
12-23-27	9.69	357.93
1-6-28	9.04	358.58
1-19-28	8.77	358.85
1/30/28	8.63	358.99
2/20/28	8.19	359.43
3/23/28	5.74	361.88
4/18/28	5.79	361.85
5/25/28	7.49	360.13
6/28/28	9.17	358.45

Ditch 50' S.
0.4 SF

S. of No 20 2" pipe 2.2' above ground 19' deep.

Elev. top of pipe 367.01 ✓

Date	Dist. to water Surface	Elev. of Water Surface	Barometric Press.	
7-6-27				Bradbury ditch (Hall Place) (7-5-27 Dry) Dry
12:01	4.78	362.23	29.37	
7-13-27				Bradbury ditch (Hall Place) Dry
1:07	5.86	361.15	29.43	
7-21-27				Bradbury ditch (Hall Place) No flow
12:36	6.82	360.19	29.31	
7-28-27				Bradbury ditch (Hall Place) Dry
1:19	7.22	359.79	29.36	
8-5-27				Dry
12:44	7.75	359.26	29.42	
8-12-27				Dry
11:15	8.18	358.83		
8-19-27				Dry
10:19	8.57	358.44		
8-26-27				"
9:51	8.89	358.12		

F. E. Green's Meas.

8/31/27	9.12	357.89	
10/4/27	10.15	356.86	
11-11-27	9.30	357.71	
11-29-27	8.36	358.65	
12-23-27	7.68	359.33	
1-6-28	7.14	359.87	
1-19-28	7.14	359.87	
1/30/28	7.13	359.88	
2/20/28	6.92	360.09	
3/22/28	5.01	361.00	on bank of ditch 1.0 SF
4/18/28	5.11	361.90	
5/25/28	7.25	360.76	
6/28/28	8.86	359.15	

S. of No 21 on bank of river 2" pipe 1.7' above ground 19' deep.

Elev. top of pipe 366.09 ✓

Date	Dist. to water Surface	Elev. Water Surface	Barometric Press.	
7-6-27				San Dieguito River 7-5-27 = 0.19 S.F.
12:05	5.33	360.76	29.37	7-6-27 No flow sand not
7-13-27				San Dieguito River Dry (sand dam?)
12:59	5.88	360.21	29.43	San Dieguito River Dry
7-21-27				
12:40	6.50	359.59	29.31	
7-28-27				River Dry
1:16	6.86	359.23	29.32	
8-5-27				River Dry
12:48	7.21	358.88	29.41	
8-12-27				" "
11:11	7.52	358.57		" "
8-19-27				" "
10:15	7.80	358.29		" "
8-26-27				" "
9:48	8.08	358.01		" "

8/31/27	8.30	357.79	
10/4/27	9.05	357.04	
11-11-27	6.71	359.38	4.0 SF
11-29-27	6.06	360.03	2.0 SF
12-23-27	5.62	360.47	
1-6-28	5.43	360.66	
1-19-28	5.44	360.65	
1/30/28	5.44	360.65	1.50
2/20/28	5.44	360.65	2.50
3/23/28	5.34	360.75	0
4/18/28	5.41	360.68	0
5/25/28	6.04	360.08	Sandy 0
6/28/28	7.10	358.99	0

Well No 23

Wind mill old Hall Place. Ref. Pt. top of cover
1.0' above ground cent. pump - dug

Elev. of Ref. Pt. 370.98

Date	Dist. to water Surface	Elev. of Water Surface	Barometric Press.
7-6-27			
12-14	9.23	361.75	29.34
7-13-27			
1-23	9.73	361.25	29.42
7-21-27			
12-50	10.17	360.81	29.29
7-25-27			
1-25	10.42	360.56	29.30
8-5-27			
12-58	10.76	360.22	29.37
8-12-27			
11-25	11.05	359.93	
8-19-27			
10-29	11.36	359.62	
8-26-27			
1-00	11.64	359.34	

F.E. Green's Meas.

11-11-27	12.71	358.27	
1-6-28	10.83	360.15	

Well No 24

Boyle House. Cent. pump Ref. Pt. top of cover

Elev. of Ref. Pt. 374.19

Date	Dist. to Water Surface	Elev. of Water Surface	Barometric Press.
7-6-27			
12-14	8.71	365.48	29.32
7-13-27			
1-10-27	8.84	365.23	29.46
7-21-27			
10-57	9.18	365.01	29.32
7-28-27			
11-31	9.36	364.83	29.40
8-5-27			
11-12	9.30	364.89	29.43
8-12-27			
10-21	9.66	364.53	
8-19-27			
9-13	9.89	364.30	
8-26-27			
9-02	10.09	364.10	

10-16/27	10.76	363.43	
11-11-27	10.65	363.54	
12-8-27	- P.		
12-23-27	9.87	364.32	
1-6-28	9.04	365.15	
1-19-28	8.66	365.53	
1-30-28	8.60	365.59	
2-20-28	7.45	366.74	
3/23/28	8.71	365.48	
4/12/28	8.61	365.58	
5/25/28	9.11	365.08	
6/28/28	9.50	364.69	

Pumping

Well No 25

S. side of road, opposite Boyle House 2" pipe
2.2' above ground 21' deep

Elev. top of pipe 369.49 (In Red soil) ✓

Date	Dist. to water Surface	Elev. of water Surface	Barometric Press.	
7-6-27				
12-13-27	5.74	363.75 ✓	29.34	
7-18-27				
11-14-27	5.84	363.65 ✓	29.45	
7-21-27				
11-3-27	5.92	363.57 ✓	29.39	
7-28-27				Sand Pumped reading Lev. { 7-27-27
12-3-27	10.08	359.41 ✓	29.36	
8-5-27				Sand Pumped 8-2-27
12-12-27	10.19	359.30 ✓	29.41	
8-12-27				
10-5-27	10.15	359.34 ✓		
8-19-27				
9-5-27	10.09	359.40 ✓		
8-26-27				
9-08	10.05	359.44 ✓		

F. E. Green's Meas.

10/4/27	9.81	359.68 ✓	
11-11-27	9.65	359.84 ✓	
12-8-27	9.45	360.04 ✓	
12-23-27	9.29	360.20 ✓	
1-6-28	9.01	360.48 ✓	
1-19-28	8.65	360.84 ✓	
1-30-28	8.26	361.23 ✓	
2-20-28	7.51	361.98 ✓	
3/23/28	6.88	362.61 ✓	
4/18/28	6.75	362.74 ✓	
5/25/28	6.66	362.83 ✓	
6/28/28	6.62	362.85 ✓	

Well No 26

Boyle alfalfa field S. of No 25 2" pipe 1.5' above ground
21' deep

Elev. top of pipe 368.07 (In Red soil) ✓

Date	Dist. to water Surface	Elev. of water Surface	Barometric Press.	
7-6-27				
12-5-27	4.76	363.31 ✓	29.34	Ground damp from irrigating.
7-13-27				
11-15-27	4.76	363.31 ✓	29.47	Ground damp
7-21-27				
11-24-27	4.91	363.16 ✓	29.32	
7-28-27				
11-27-27	5.08	362.99 ✓	29.47	Water on Land, irrigating
8-5-27				
11-18-27	5.09	362.98 ✓	29.46	Soil damp from irrigation
8-12-27				
12-26-27	5.34	362.73 ✓		
8-19-27				
9-5-27	5.63	362.44 ✓		
8-26-27				
11-04-27	5.94	362.13 ✓		50' chain broke took mess. with level rule

10/4/27	3.2 ✓	360.75 ✓	
11-11-27	7.43 ✓	360.84 ✓	
12-8-27	7.85 ✓	360.22 ✓	
12-23-27	6.88 ✓	361.19 ✓	
1-6-28	6.20 ✓	361.87 ✓	
1-19-28	5.82 ✓	362.25 ✓	
1-30-28	4.87 ✓	363.20 ✓	
2-20-28	4.79 ✓	363.28 ✓	
3/23/28	4.02 ✓	364.05 ✓	
4/18/28	4.62 ✓	363.45 ✓	2.30
5/25/28	4.90 ✓	363.17 ✓	0.45
6/28/28	5.22 ✓	362.85 ✓	0.01
	5.11 ✓	362.96 ✓	
	4.30 ✓	363.77 ✓	0.01

Well N^o 27S. of N^o 26 on S. side of wash. 2" pipe 1.7' above ground 17' deep.

Elev. top of pipe 367.22

Date	Dist. to water surface	Elev. of Water surface	Barometric Press.
7-6-27			
12-22	4.28	362.94	29.36
7-13-27			
11-23	4.25	362.87	29.46
7-21-27			
11-10	4.39	362.83	29.30
7-28-27			
11-12	4.55	362.67	29.42
8-5-27			
11-25	4.70	362.52	29.48
8-12-27			
12-32	5.10	362.12	
8-19-27			
9-25	5.55	361.67	
8-26-27			
9-31	5.95	361.27	

F.E. Green's Meas.

10/4/27	7.43	359.79	0.
11-11-27	6.08	361.14	0.02 S.F. flowing 17 Wash.
12-8-27	4.89	362.33	0.15 S.F.
12-23-27	4.61	362.61	0.20
1-6-28	4.29	362.93	0.30
1-19-28	4.10	363.12	0.20
1-30-28	4.13	363.09	0.25
2-20-28	4.06	363.16	2/15 = 40 SF. from Roberts Canyon 0.25
3/23/28	4.13	363.09	0.30
4/18/28	4.01	363.21	0.25
5/25/28	4.20	363.02	0.01
6/28/28	4.30	362.94	0.02

Well N^o 28E of N^o 27. Below dam. 2" pipe 1.4' above ground 17' deep.

Elev. top of pipe 368.79

Date	Dist. to water surface	Elev. of Water surface	Barometric Press.	
7-6-27				
12-27	4.64	364.15	29.36	Drainage Channel 7-5-27 = 0.29 S.F.
7-13-27				
11-25	4.66	364.13	29.46	Drainage channel 0.3435 S.F. (11.27)
7-21-27				
11-15	4.67	364.12	29.30	Drainage Channel 7-22-27 2:15 pm. 0.22 S.F.
7-28-27				
11-28	4.70	364.09	29.42	7-29-27 1:30 pm. 0.26 S.F.
8-5-27				
11-30	4.70	364.09	29.48	Ech. 0.25 S.F.
8-12-27				
12-37	4.73	364.06		Drainage Channel/ 0.2 S.F.
8-19-27				
9-31	4.57	364.22		0.2 S.F.
8-26-27				
9-35	4.78	364.01		0.25 S.F.

10/4/27	4.93	363.86	0.03	Water from Webb ditch
11-11-27	4.56	364.23	0.03	Webb ditch
12-8-27	4.49	364.30	0.25	
12-23-27	4.37	364.42	0.30	
1-6-28	4.30	364.49	0.30	
1-19-28	4.19	364.60	0.30	
1-30-28	4.17	364.62	0.30	
2-20-28	4.21	364.58	0.30	2/15 40 SF.
3/23/28	4.10	364.69	0.40	
4/18/28	3.99	364.80	0.50	
5/25/28	3.30	365.49	0.3	Ditch Dam
6/28/28	3.56	365.73	0.7	Pond + Pipe spillway

Well No 29

Boyle East fence line. 2" pipe 0.35' above ground 13' deep.

Elev. top of pipe 370.34

Date	Dist. to water Surface	Elev. of water Surface	Barometric Press.
7-6-27			
12-57	4.20	366.14	29.34
7-13-27			
11-37	4.37	365.97	29.45
7-21-27			
11-25	4.49	365.85	29.32
7-28-27			
11-56	4.70	365.64	29.41
8-5-27			
12-26	4.82	365.52	29.47
8-12-27			
10-45	4.97	365.37	
8-19-27			
9-17	5.09	365.25	

F.E. Green's Meas.

10/4/27	5.82	364.52	
11-11-27	5.49	364.85	
12-8-27	Cap stuck		
12-23-27	4.70	365.64	
1-6-28	3.83	366.51	
1-19-28	3.52	366.82	
1-30-28	3.37	366.97	
2-20-28	0.25	370.09	
3/23/28	1.60	368.74	
4/18/28	2.63	367.71	
5/28/28	3.64	366.70	
6/28/28	4.20	366.14	

Cap stuck

Well No 30

Old wind mill opposite Roberts. Ref. Pt. South curb

Elev. Ref. Pt. 379.53

Date	Dist. to water Surface	Elev. of water Surface	Barometric Press.
7-6-27			
1-11	4.00	375.50	29.34
7-13-27			
10-50	4.12	375.41	29.47
7-21-27			
10-47	4.29	375.24	29.24
7-28-27			
11-19	4.50	375.03	29.38
8-5-27			
10-56	4.67	374.86	29.42
8-12-27			
12-08	4.87	374.66	
8-19-27	5.04	374.49	
8-57	4.67	374.49	
8-26-27			
8:55	5.20	374.33	

Ref. Point is 0.15 Lower
than indicated. Top of page
Ref. Point see Top of page

10/4/27	5.69	373.84	
11-11-27	4.63	374.90	
12-8-27	5.49	374.04	
12-23-27	4.05	375.48	
1-6-28	4.03	375.50	
1-19-28	4.02	375.51	
1-30-28	4.37	375.16	
2-20-28	4.04	375.49	
3/23/28	3.96	375.57	
4/30/28	4.22	375.31	
6/28/28	5.33	374.20	

Well N^o 31By side of N^o 30. 2" pipe 1.8' above ground 18.5' deep

Elev. top of pipe 380.16

376.4

Date	Dist. to water Surface	Elev. of Water Surface	Barometric Press.
7-6-27			
7-8	4.83	375.33	29.34
7-13-27			
10.43	4.88	375.28	29.47
7-21-27			
10.43	4.89	375.27	29.34
7-28-27			
11.14	5.05	375.11	29.38
8-5-27			
10.54	5.24	374.82	29.42
8-12-27			
10.06	5.42	374.74	
8-19-27			
8.55	5.58	374.58	
8-26-27			
8.53	5.75	374.41	

well 11.7' deep.
filled 5.8'

F.E. Green's Meas.

10/4/27	6.35	373.81	
11-11-27	5.65	374.51	
12-8-27	5.19	374.97	
12-23-27	4.93	375.23	
1-6-28	4.65	375.51	
1-19-28	4.78	375.38	
1-30-28	4.92	375.24	Ditch = 0.04 100' 50"
2-20-28	4.73	375.43	
3/22/28	4.76	375.42	
5/30/28	5.16	375.02	
6/28/28	5.69	374.47	

Well N^o 32

Wind mill old creamery Ref. Pt. 30. curb

Elev. of Ref. Pt. 393.97

Date	Dist. to water Surface	Elev. of Water Surface	Barometric Press.
7-6-27			
1.17	16.01	377.96	29.32
7-13-27			
10.36	16.01	377.96	29.47
7-21-27			
10.37	16.09	377.88	29.34
7-28-27			
11.09	16.23	377.74	29.42
8-5-27			
10.49	16.04	377.93	29.41
8-12-27			
10.07	16.55	377.42	
8-19-27			
8.50	16.75	377.22	
8-26-27			
8.17	16.95	377.02	

10/4/27	17.71	376.26	
11-11-27	17.10	376.87	
12-8-27	16.65	377.32	
12-23-27	16.34	377.63	
1-6-28	16.11	377.86	
1-19-28	16.13	377.84	
1-30-28	16.24	377.73	
2-20-28	15.97	378.00	
3-23-28	16.00	377.97	
5/30/28	15.91	377.99	
6/28/28	16.65	377.29	
7/26/28	17.65	376.32	
8/21/28			

Well N° 33

West side of Fenton's ford. N. bank of River
2" pipe - 2.7' above ground. 17' deep

Elev. Top of pipe 384.28

381.16

Date	Dist. to water Surface	Elev. of Water Surface	Barometric Press.	
7-6-27				San Dieguito River
1-5-5	3.93	380.35	29.34	7-5-27 = 2.6 S.F.
7-13-27				San Dieguito Riv.
4:50	3.99	380.34	29.33	0.342 S.F.
7-21-27				7-23-27
3:33	4.10	380.18	29.28	San Dieguito Riv.
7-28-27				2:45 pm 0.24 S.F.
11:04	4.22	380.06	29.38	No flow. Sand wet
8-5-27				water in pools. 7-29-27
10:45	4.37	379.91	29.44	San Dieguito River
8-12-27				Est. 0.25 S.F.
9:57	4.68	379.60		Dry
8-19-27				dry
2:07	4.77	379.29		dry
8-26-27				dry
7:22	5.21	379.07		dry

F. E. Green's Meas.

10/4/27	5.85	378.43		San Dieguito River
11-11-27	4.17	380.11		7.0 S.F.
12-8-27	4.23	380.05		2.0 S.F.
1-6-28	3.90	380.38		20.0
1-19-28	3.81	380.47		20.0
1-30-28	3.92	380.36		15.0
2-20-28	4.11	380.17		25.0
3-23-28	4.16	380.12		5.0
5/30/28	4.26	380.00		0.5
6/28/28	4.73	379.55		0

Well N° 34

So. bank of river. Fenton's Road. 2" pipe
2.5' above ground. 18' deep

Elev. top of pipe 385.05

Date	Dist. to water Surface	Elev. of water Surface	Barometric Press.	
7-6-27				San Dieguito River
2:01	5.01	380.04	29.34	7-5-27 = 2.6 S.F.
7-13-27				San Dieguito Riv.
5:10	5.11	379.94	29.35	0.347 S.F.
7-21-27				7-23-27
3:37	5.17	379.88	29.26	San Dieguito Riv.
7-28-27				2:45 pm 0.24 S.F.
11:00	5.23	379.82	29.38	No flow. Sand wet
8-5-27				water in pools. 7-29-27
10:40	5.32	379.73	29.44	San Dieguito Riv.
8-12-27				Est. 0.25 S.F.
9:53	5.61	379.44		Dry
8-19-27				dry
2:11	4.93	380.12		dry

10/4/27	6.85	378.20		San Dieguito River
11-11-27	5.19	379.86		7.0 S.F.
12-8-27	5.17	379.88		2.0 S.F.
12-23-27	4.82	380.23		18.0
1-6-28	4.91	380.14		20.0
1-20-28	4.96	380.09		20.0
1-30-28	5.07	379.98		15.0
2-20-28	5.05	380.00		25.0
3-23-28	5.22	379.83		5.0
5/30/28	5.26	380.79		0.5
6/28/28	5.74	379.31		0

Well No 35
So. of No 34 2" pipe 2.2' above ground 16' deep

Elev. top of pipe	Dist. to water Surface	Elev. of Water Surface	Barometric Press.
384.45 ✓			
7-6-27	4.57	379.88 ✓	29.34
7-13-27	4.96	379.49 ✓	29.35
7-21-27	5.10	379.35 ✓	29.24
7-28-27	5.25	379.20 ✓	29.38
8-5-27	5.40	379.05 ✓	29.44
8-12-27	5.58	378.87 ✓	
8-19-27	5.78	378.67 ✓	

F. E. Green's Meas.

10/4/27 ✓	6.57 ✓	377.88 ✓	
11-11-27 ✓	5.22 ✓	379.23 ✓	
12-8-27 ✓	4.89 ✓	379.56 ✓	
12-23-27 ✓	4.24 ✓	380.21 ✓	
1-6-28 ✓	4.41 ✓	380.04 ✓	
1-20-28 ✓	4.50 ✓	379.95 ✓	
1-30-28 ✓	4.65 ✓	379.80 ✓	
2-20-28 ✓	4.50 ✓	379.95 ✓	
3-23-28 ✓	4.86 ✓	379.59 ✓	
5/30/28	5.03	379.44	
6/28/28	6.54	378.91	

Well No 36
So. of No 35 2" pipe 2.5' above ground. 17' deep

Elev. top of pipe	Dist. to water Surface	Elev. of Water Surface	Barometric Press.
385.33 ✓			
7-6-27	5.83	379.56 ✓	29.34
7-13-27	6.01	379.32 ✓	29.35
7-21-27	6.27	379.06 ✓	29.24
7-28-27	6.60	378.73 ✓	29.41
8-5-27	6.95	378.38 ✓	29.44
8-12-27	7.14	378.19 ✓	
8-19-27	7.34	377.99 ✓	

38 v. 8 Ground
Drainage Channel about 50 ft
7-5-27 = 0.275 F
Water in large pool
Very small flow
Water in pool - Showing signs of Evap
Channel dry. Pond reduced
very small ~~large~~ pools
channel. Pond dry
" " " "
" " dry "
" dry "

10/4/27 ✓	8.11 ✓	377.22 ✓	
11-11-27 ✓	7.21 ✓	378.12 ✓	
12-8-27 ✓	6.15 ✓	379.18 ✓	
12-23-27 ✓	5.53 ✓	379.80 ✓	
1-6-28 ✓	5.51 ✓	379.82 ✓	
1-20-28 ✓	5.69 ✓	379.64 ✓	
1-30-28 ✓	5.76 ✓	379.57 ✓	
2-20-28 ✓	5.67 ✓	379.66 ✓	
3-23-28	—		
5/30/28	6.18	379.15	
6/28/28	6.98	378.35	

Dry

Well N° 37

So. of N° 36 No. bank of Santa Maria Cr. 2" pipe
2.8' above ground. 13' deep.

Elev. top of pipe 382.60

Date	Dist. to water Surface	Elev. of water Surface	Barometric Press.	
7-6-27	4.10	378.50	29.34	Santa Maria Cr. Pond N 100'
2:14	4.70	378.50	29.34	7-5-27 dry
7-13-27	4.26	378.34	29.36	7-6-27 dry
5:20	4.26	378.34	29.36	Santa Maria Cr. Pond
7-21-27	4.50	378.10	29.24	Dry
3:54	4.50	378.10	29.24	Santa Maria Cr. Dry
7-28-27	4.73	377.87	29.41	Pond N about 100'
10:47	4.73	377.87	29.41	Santa Maria Cr. Dry
8-5-27	4.93	377.67	29.44	Pond N 100'
10:28	4.93	377.67	29.44	Santa Maria Cr. Dry
8-12-27	5.11	377.47		Pond 100' N
9:22	5.11	377.47		cr dry
8-19-27	5.27	377.33		Pond 100' N
2:31	5.27	377.33		11
8-26-27	5.43	377.17		Pool 100' N
2:08	5.43	377.17		

F.E. Green's Meas.

10/4/27	6.11	376.49		Dry
11-11-27	5.33	377.27		"
12-8-27	4.74	377.86		"
12-23-27	3.41	379.19	0.04	
1-6-28	3.38	379.22	0.05	
1-20-28	3.38	379.22	0.05	
1-30-28	3.41	379.19	0.03	
2-20-28	3.48	379.12	2/5=30 ^{2.0}	
3-23-28	3.69	378.91	0.04	
5/30/28	4.47	378.13	0	
6/28/28	5.13	377.47	0	

Well N° 38

W. side of road. N. bank of Santa Maria Cr.
2" pipe 1.0' above ground 18.5' deep.

Elev. top of pipe 387.94

Date	Dist. to water Surface	Elev. of water Surface	Barometric Press.	
7-6-27	3.56	384.38	29.34	Santa Maria Cr. Sand damp (pools)
2:20	3.56	384.38	29.34	no flow
7-13-27	3.67	384.27	29.37	Santa Maria Cr. no flow water in pools
5:25	3.67	384.27	29.37	
7-21-27	3.77	384.17	29.24	Santa Maria Cr. Dry water in pools
3:58	3.77	384.17	29.24	
7-28-27	4.00	383.94	29.41	Santa Maria Cr. Dry pools
10:43	4.00	383.94	29.41	
8-5-27	4.22	383.72	29.45	Santa Maria Cr. Dry pools
10:22	4.22	383.72	29.45	
8-12-27	4.32	383.62		pool - cr dry
9:38	4.32	383.62		
8-19-27	4.31	383.63		dry
2:58	4.31	383.63		
8-26-27	4.33	383.61		
2:03	4.33	383.61		

10/4/27	5.08	382.86		Dry
11-11-27	4.20	383.74		"
12-8-27	3.88	384.06		"
12-23-27	3.41	384.53	0.02	
1-6-28	3.38	384.56	0.05	
1-20-28	3.38	384.56		
1-30-28	3.41	384.53		
2-20-28	3.48	384.46		
3-23-28	3.69	384.25		
5/30/28	3.84	384.10		Pools
6/28/28	4.12	383.60		0

39.

Well N^o 39S. side of road. Fenton alfalfa field. 2" pipe.
1.9' above ground 16.5' deep.

Elev. top of pipe 395.24

Date	Dist. to Water Surface	Elev. of Water Surface	Barometric Press.
7-6-27			
2:27	5.67	389.57	29.33
7-13-27			
5:46	6.17	389.07	29.36
7-21-27			
4:00	6.44	388.80	29.24
7-28-27			
10:14	6.64	388.60	29.41
8-5-27			
10:18	7.00	388.24	29.48
8-12-27			
9:20	6.81	388.43	
8-14-27			
3:15	6.65	388.59	

ground damp from
irrigating.irrigating
alfalfa field

F.E. Greer's Meas.

10/4/27	8.20	387.04	
11-11-27	7.69	387.55	
12-8-27	6.99	388.25	
12-23-27	6.39	388.85	
1-6-28	5.60	389.64	
1-20-28	5.67	389.57	
1-30-28	5.76	389.48	
2-20-28	5.23	390.01	
3-23-28	5.78	389.46	
5/30/28	6.59	388.65	
6-21/28	7.00	388.24	

Irrigating

40.

Well N^o 40S. of N^o 39. Edge of alfalfa. 2" pipe. 1.7' above ground
18' deep.

Elev. top of pipe 394.33

Date	Dist. to Water Surface	Elev. of Water Surface	Barometric Press.
7-6-27			
2:33	5.79	388.54	29.33
7-13-27			
5:31	6.29	388.04	29.36
7-21-27			
4:00	6.67	387.66	29.24
7-28-27			
10:19	7.06	387.27	29.41
8-5-27			
10:02	7.38	386.95	29.48
8-12-27			
9:24	6.10	388.23	
8-19-27			
3:01	6.56	387.77	

irrigating

10/4/27	7.83	386.50	
11-11-27	7.99	386.34	
12-8-27	7.69	386.64	
12-23-27	7.18	387.15	
1-6-28	6.17	388.16	
1-20-28	6.36	387.97	
1-30-28	6.46	387.87	
2-20-28	5.86	388.47	
3-23-28	6.66	387.67	
5/30/28	7.13	387.20	
6/21/28	6.80	387.53	

41.

Well N° 41

S. of N° 40. S. side of wash. 2" pipe. 2' above ground.
15' deep.

Elev. top of pipe 390.42

388.4 Gr.

Date	Dist. to Water Surface	Elev. of Water Surface	Barometric Press.	
7-6-27				water standing in pools.
2434	3.20	387.22	29.33	
7-13-27				Large pond formed by irrigation.
5135	3.18	387.24	29.36	
7-21-27				water standing in pools.
4112	3.11	387.81	29.28	
7-28-27				water in pools.
10:22	3.34	387.08	29.42	
8-5-27				water in pools.
10106	3.62	386.80	29.48	
8-12-27				pools.
9:27	3.78	386.64		
8-19-27				large pools from irrigation waters.
3:05	3.65	386.77		
8-26-27				pools
1:52	3.24	387.18		

F. E. Green's Meas.

10/4/27	4.38	386.04	
11-11-27	3.75	386.67	
12-8-27	3.67	386.75	
12-23-27	3.10	387.32	
1-6-28	2.53	387.89	
1-20-28	2.63	387.79	
1-30-28	2.76	387.66	
2-20-28	2.31	388.11	Large Pond.
3-23-28	2.85	387.57	
5/30/28	3.27	387.15	Pools-
6/25/28	3.58	386.84	"

42.

Well N° 42

S. of N° 41. N. bank of Santa Maria Cr. 2" pipe
1.0 above ground. 19' deep.

Elev. top of pipe 391.07

390.07 Ground.

Date	Dist. to Water Surface	Barometric Press.	Elev. of Water Surface	
7-6-27				Santa Maria Cr. Dry.
2:40	4.60	29.33	386.47	
7-13-27				Santa Maria Cr. Dry.
5:40	4.60	29.37	386.47	
7-21-27				Santa Maria - Dry
4:16	4.56	29.27	386.51	Sand Wash.
7-28-27				Santa Maria Cr. Dry
10:26	4.58	29.42	386.49	
8-5-27				Santa Maria Cr. Dry
10:10	4.63	29.48	386.44	
8-12-27				Dry
9:30	4.68		386.39	
8-19-27				Dry
3:08	4.73		386.34	
8-26-27				Dry
1:55	4.78		386.29	

10/4/27	5.12	385.95	Dry
11-11-27	5.18	385.89	"
12-8-27	5.01	386.06	"
12-23-27	4.82	386.25	0.02
1-6-28	4.52	386.55	0.05
1-20-28	4.34	386.73	0.05
1-30-28	4.23	386.84	0.02
2-20-28	3.90	387.17	2/15=30 2.0
3-23-28	3.85	387.22	0.04
5/30/28	4.23	386.84	0
6/25/28	4.47	386.60	0

43.

Well No 43
Dug well - Judson Dairy

Elev. of Ref. Point.	420.30		
Date	Dist. to Water Surface	Elev. of Water Surface	Barometric Press.
7-6-27			
3:17	4.94	415.36	29.26
7-13-27			
6:02	4.18	416.12	29.36
7-21-27			
4:43	7.83	412.47	29.24
7-28-27			
9:50	5.62	414.68	29.42
8-5-27			
9:43	4.63	415.67	29.41
8-12-27			
9:02	5.13	415.17	
8-19-27			
3:34	4.77	415.53	

F. E. Green's Meas.

10/4/27	4.12	416.18	
11/11/27	4.22	416.08	
12-8-27	3.36	416.94	
12-23-27	3.72	416.58	
1-6-28	3.56	416.74	
1-30-28	3.94	416.36	
2-20-28	Fill in		

44

Well No 44
Fence line N. of Marchus new house. 2" pipe
4.7 above ground 27' deep.

Elev. top of pipe.	449.66		
Date	Dist. to Water Surface	Elev. of Water Surface	Barometric Press.
7-6-27			
4:12	13.24	436.42	29.25
7-13-27			
8:33	13.53	436.13	29.46
7-21-27			
8:30	13.78	435.88	29.40
7-28-27			
8:18	14.15	435.51	29.43
8-5-27			
8:20	14.79	434.87	29.45
8-12-27			
7:42	15.31	434.35	
8-19-27			
7:41	15.78	433.88	
8-26-27			
7:29	16.24	433.42	

10/4/27	18.22	431.44	
11/11/27	15.85	433.81	
1-6-28	14.47	435.19	
3-23-28	13.56	436.10	
5/3/28	13.33	436.33	
5/30/28	14.09	435.57	
7/26/28	17.62	432.04	
8/21/28	18.78	430.98	
11/5/28	Mud at 22'		
2/27/29	15.00	434.66	
5/9/29	13.68	435.98	
6/27/29	14.80	434.86	

Using Water

Well No 45

Marchus new house well. 0.2 above ground.

Elev. of Ref. Pt. 444.69

444.5

Date	Dist. to Water Surface	Elev. of Water Surface	Barometric Press.
7-6-27			
4:09	8.67	436.02	29.25
7-13-27			
8:30	9.23	435.46	29.46
7-21-27			
8:26	9.20	435.49	29.40
7-28-27			
8:15	10.24	434.45	29.48
8-5-27			
8:17	10.97	433.72	29.45
8-12-27			
7:39	11.47	433.22	
8-19-27			
7:37	11.86	432.83	
8-26-27			
7:26	12.39	432.80	

Field clamp impig.

10/4/27	14.00	430.69	
11/11/27	11.34	433.35	
1-6-28	10.05	434.64	
3-23-28	8.60	436.09	
5/3/28	9.49	435.20	
5/30/28	10.35	434.36	
7/26/28	14.25	430.44	
8/21/28	15.32	429.32	

Top of Cas. Gr. lev.

Well No 46

On Trussel E. fence. S. bank of river - 2" pipe
1.0' above ground 18' deep

Elev. top of pipe 434.54

Date	Dist. to Water Surface	Elev. of Water Surface	Barometric Press.
7-6-27			
3:30	4.50	430.04	29.25
7-13-27			
3:48	4.69	429.85	29.45
7-21-27			
8:56	4.77	429.77	29.38
7-28-27			
8:31	4.89	429.65	29.49
8-5-27			
8:33	5.15	429.39	29.48
8-12-27			
7:56	5.44	429.10	
8-19-27			
7:53	5.68	428.86	
8-26-27			
7:42	5.88	428.66	

10/4/27	6.80	427.74	
11/11/27	5.04	429.50	

Well No 47

Gone —

Well No 48

On Trussel E. fence near road. 2" pipe - 2.1' above ground
22' deep.

Elev. top of pipe 439.89

Date	Dist. to Water Surface	Elev. of Water Surface	Barometric Press.
7-6-27	3.23	431.84	29.25
7-13-27	8.40	431.66	29.45
7-21-27	8.50	431.19	29.38
7-28-27	8.24	431.04	29.49
8-5-27	8.27	430.52	29.46
8-12-27	7.48	430.16	
8-19-27	2.47	429.78	
8-26-27	7.35	429.47	
10/4/27	11.80	428.09	
11/11/27	11.28	428.61	

irrigating orchard.

49. Well N^o 49
So. of N^o 48 2" pipe - 1.0 above ground 23' deep.

Elev. top of pipe 438.58			
Date	Dist. to water Surface	Elev. of Water Surface	Barometric Press.
7-6-27		432.11	
3:39	6.47	438.58	29.26
7-13-27			
8:55	6.02	432.56	29.47
7-21-27			
9:04	6.77	431.81	29.36
7-28-27			
8:40	7.30	431.28	29.48
8-5-27			
8:49	7.87	430.71	29.48
8-12-27			
8:03	8.29	430.29	
8-19-27		429.75	
7:59	8.83	429.74	
8-26-27			
7:50	9.25	429.33	

ground in corn field damp. Irrigation.

10/4/27 ✓ 10.91 ✓ 427.67 ✓
11-11-27 ✓ 10.31 ✓ 428.27 ✓

50. Well N^o 50
So. of N^o 49 2" pipe - 0.9' above ground 21' deep

Elev. top of pipe 437.51			
Date	Dist. to Water Surface	Elev. of Water Surface	Barometric Press.
7-6-27			
3:45	6.64	430.87	29.26
7-13-27			
9:00	6.45	431.06	29.47
7-21-27			
9:08	6.43	431.08	29.36
7-28-27			
8:45	6.50	431.01	29.48
8-5-27			
8:44	6.67	430.89	29.46
8-12-27			
8:06	6.82	430.69	
8-19-27		19	
3:40	7.32	430.77	

Ground damp from irrigating

irrig. corn field

corn field irrigated soil-damp

10/4/27 ✓ 8.60 ✓ 428.91 ✓
11-11-27 ✓ 9.31 ✓ 428.20 ✓

Well N^o 51

Jorgeson Dug Well. So of N^o 50. 6" casing
2.0' below ground

Elev top of casing 434.51

Date	Dist. to Water Surface	Elev. of Water Surface	Barometric Press.	
7-6-27				Ground damp from irrigating
3:47	3.06	431.45	29.26	
7-13-27				pumping
9:05	6.72	427.79	29.4	Fordson Tractor for power irrig. corn field.
7-21-27				
7:12	3.78	430.73	29.34	alkali field damp irrigated.
7-28-27				
8:48	3.84	430.67	29.48	
8-5-27				
8:48	4.90	429.61	29.46	
8-12-27				
5:09	5.34	429.17		
8-19-27				
3:38	5.93	428.58		

10/4/27 ✓ 7.56 ✓ 426.95 ✓
11-11-27 6.43 428.08

Well N^o 52

Trussel House. 12" casing. Cent. pump. - 4.5' below ground
Ref. Pt. top of casing

Elev. of Ref. Pt. 429.32

Date	Dist. to Water Surface	Elev. of Water Surface	Barometric Press.	
7-6-27				
3:18	12.57	416.75	29.25	pumping
7-13-27				
9:13	1.27	428.05	29.45	
7-21-27				
9:20	1.46	427.86	29.30	
7-28-27	1.70			
8:55	3.84	427.62	29.43	irrigating
8-5-27				
8:54	2.65	426.67	29.41	
8-12-27				
8:17	3.09	426.23		
8-19-27				
8:06	3.53	425.79		
8-26-27				
7:55	4.88	424.44		Pumping

Well No 53

Feet.

Elev. of Ref. Pt. 425.48

Date	Dist. to water Surface	Elev. of Water Surface	Barometric Press.
7-6-27			
4:46	5.45	420.03	29.28
7-13-27			
9:19	5.10	420.38	29.43
7-21-27			
9:25	8.67	416.81	29.31
7-28-27			
9:00	5.08	420.40	29.48
8-5-27			
8:58	4.95	420.53	29.42
8-12-27			
8:23	5.12	420.36	
8-19-27			
8:10	4.88	420.60	
8-26-27			
7:59	5.03	420.45	

pumping
Cont. pump

10/4/27	4.88	420.60	
11-11-27	4.47	421.01	
12-23-27	4.49	420.99	
1-6-28	4.47	421.01	
1-19-28	4.51	420.97	
1-30-28	4.57	420.91	
2-20-28	4.51	420.97	
3-20-28	4.61	420.87	
5/3/28	4.44	421.06	
5/30/28	4.67	420.81	
7/24/28	5.96	419.52	
8/21/28	5.75	419.73	

Ditch to wells from
bridge-

(See Page 117)

Well No 54

Wind Mill Rockwood.

Elev. of Ref. Pt. 432.49

Date	Dist. to water Surface	Elev. of Water Surface	Barometric Press.
7-6-27			
5:10	10.00	422.49	29.30
7-12-27			
9:40			
7-21-27			
9:32			

no reading

Tape caught in well and
lost sinker. No meas.

tape caught in well

Well No 55

About 1200' N. of Rockwood House, on fence line. 2" pipe
1.5' above ground, 19' deep.

Elev. top of pipe 436.42

Date	Dist. to Water Surface	Elev. of Water Surface	Barometric Press.
7-6-27			
5:30	4.09	432.33	29.33
7-13-27			
9:50	4.21	432.21	29.45
7-21-27			
9:51	4.30	432.12	29.28
7-28-27			
9:20	4.40	432.02	29.44
8-4-27			
8-5-27	4.52	431.90	29.42
8-12-27			
8:36	4.64	431.78	
8-17-27			
8:29	4.76	431.66	
8-26-27			
8:14	4.87	431.55	

10/4/27	5.13	431.29	
11-11-27	4.02	432.40	
12-8-27	4.13	432.29	
12-23-27	3.88	432.54	
1-6-28	3.21	433.21	
1-19-28	3.51	432.91	
1-30-28	3.64	432.78	
2-20-28	3.19	433.23	
3-23-28	3.79	432.63	
5/20/28	4.32	432.08	
6/28/28	4.90	431.52	
7/26/28	5.64	430.78	
8/21/28	6.20	430.27	

Well No 56

So. of No 55 near ranch road. 2" pipe, 0.6' above ground.
12.5' deep.

Elev. top of pipe 430.73

Date	Dist. to Water Surface	Elev. of Water Surface	Barometric Press.
7-6-27			
5:14	2.20	428.53	29.29
7-13-27			
9:50	2.32	428.41	29.45
7-21-27			
9:57	2.37	428.36	29.29
7-28-27			
9:32	2.57	428.16	29.44
8-5-27			
9:25	2.78	427.95	29.42
8-12-27			
8:30	2.95	427.78	
8-17-27			
8:24	3.07	427.66	
8-26-27			
8:08	3.18	427.55	

10/4/27	3.29	427.44	
11-11-27	1.85	428.88	
12-8-27	2.16	428.57	
12-23-27	1.34	429.39	
1-6-28	1.26	429.47	
1-19-28	1.29	429.44	
1-30-28	1.33	429.40	
2-20-28	1.26	429.47	
3-23-28	1.68	429.05	
5/30/28	2.58	428.75	
6/28/28	3.02	427.71	
7/26/28	3.74	426.99	
8/21/28	4.17	426.56	

Dry

0.02

Dry

Ditch - 0.1 SF

" = 0.1 "

" = 0.1 "

" = 0.1 "

" = 0.1 "

" = 0.1 "

0

0

Well No 57

West of No 56, center of valley. 2" pipe, 1.0 above ground.
17' deep.

Elev. top of pipe 431.12

Date	Dist. to Water Surface	Elev. of Water Surface	Barometric Press.
7-6-27			
5-20	3.70	427.42	29.29
7-13-27			
10-02	3.82	427.30	29.45
7-21-27			
9-46	3.97	427.15	29.30
7-28-27			
9-15	4.11	427.01	29.44
8-5-27			
9-10	4.24	426.88	29.44
8-12-27			
3-40	4.35	426.77	
8-19-27			
8-20	4.46	426.66	
8-26-27			
8-19	4.57	426.60	

10/4/27	4.60	426.52	
11-11-27	3.60	427.52	
12-8-27	3.71	427.41	
12-23-27	3.27	427.85	
1-6-28	2.72	428.40	
1-19-28	2.89	428.23	
1-30-28	3.02	428.10	
2-20-28	2.62	428.50	
3-23-28	2.95	428.17	
5/30/28	3.74	427.38	
6/28/28	4/24	426.78	
7/26/28	4.89	426.23	
8/21/28	5.47	425.65	

Well No 58

West of No 57 on E. bank of Guejito Cr. 2" pipe
1.6' above ground, 19' deep.

Elev. top of pipe 432.83

Date	Dist. to water Surf.	Elev. of Water Surface	Barometric Press.	
7-6-27				Guejito Cr. at Bridge
5-25	6.84	425.99	29.29	7-5-27 0.67 S.F.
7-13-27				Guejito Cr. at bridge
10-02	6.88	425.95	29.45	7-12-27 0.31 S.F.
7-21-27				Guejito Cr. at bridge
9-20	6.90	425.93	29.30	7-22-27 3:40pm. 0.29 S.F.
7-28-27				Guejito Cr.
9-09	6.92	425.91	29.44	7-29-27 2:00pm. 0.28 S.F.
8-5-27				Guejito Cr.
9-05	6.92	425.91	29.43	Est. 0.25 S.F.
8-12-27				Guejito Cr.
3-43	6.95	425.88		0.25 S.F.
8-19-27				
3-17	6.95	425.88		0.1 S.F.
8-26-27				
8-23	6.96	425.87		0.05 S.F.

10/4/27	6.95	425.88		0.1
11-11-27	6.75	426.08		0.2°
12-8-27	6.80	426.03		0.3°
12-23-27	6.77	426.06		0.4°
1-6-28	6.74	426.09		1.5°
1-19-28	6.78	426.05		0.8°
1-30-28	6.80	426.03		0.6°
2-20-28	6.77	426.06		7/5 = 4.0 2.5°
3-23-28	6.78	426.05		2.0
5/30/28	7.05	425.78		2.5
6/28/28	7.16	425.67		0.05
7/26/28	7.32	425.51		0.1
8/21/28	7.40	425.43		Pool's

59.

Well No 59

Feet Place near mouth of Quejito Cr. 2" pipe
2.5' above ground, 19' deep.

Elev. top of pipe 424.43

Date	Dist. to Water Surface	Elev. of Water Surface	Barometric Press.	
7-6-27		417.66		Quejito Cr.
4:40	6.82	424.	29.30	7-5-27 0.67 S.F.
7-13-27				Quejito Cr.
10:15	6.83	417.65	29.45	7-12-27 3.318 S.F.
7-21-27				(pipe filled 6.5 from bottom.)
10:15	6.83	417.65	29.30	7-22-27 0.29 S.F.
7-28-27				Quejito Cr. 7-29-27
9:42	6.86	417.62	29.42	0.23 S.F.
8-5-27				Quejito Cr. Sand Pumped
7:34	6.66	417.82	29.44	Est. 0.25 8-2-27
8-12-27				Quejito Cr.
8:52	6.66	417.82		0.2 S.F.
8-19-27				
8:37	6.67	417.79		0.135
8-26-27				
8:30	6.71	417.77		6.05 S.F.

10/4/27 ✓	6.74	417.74		0.02
11-11-27 ✓	6.57	417.91		0.20
12-8-27 ✓	6.59	417.89		0.20
12-23-27 ✓	6.55	417.93		0.25
1-6-28 ✓	6.49	417.99		1.00
1-19-28 ✓	6.50	417.98		0.50
1-30-28 ✓	6.52	417.96		0.35
2-20-28 ✓	6.55	417.93		0.60
3-23-28 ✓	6.59	417.89		0.50
5/3/28				New pump Creek 0.30 S. of Br.
5/30/28	6.70	417.78		0.20
6/23/28	6.87	417.61		0.05
7/26/28	7.22	417.76		0

60.

Well No 60

School House - Top of cover

Elev. of Ref. Pt. 396.20

Date	Dist. to Water Surface	Elev. of Water Surface	Barometric Press.
7-6-27			
4:30	6.11	390.09	29.32
7-13-27			
10:30	6.12	390.05	29.47
7-21-27			
10:30	6.15	390.05	29.32
7-28-27			
5:19	6.23	389.97	29.39
8-5-27			
4:25	6.27	389.93	29.40
8-12-27			
2:56	6.29	389.91	
8-19-27			
8:46	5.14	391.06	
8-26-27			
3:40	5.31	390.89	

10/4/27 ✓	6.67	389.53	
11-11-27 ✓	5.77	390.43	
12-8-27 ✓	5.70	390.50	
12-23-27 ✓	5.12	391.08	
1-6-28 ✓	5.35	390.88	
1-19-28 ✓	5.47	390.73	
1-30-28 ✓	5.14	391.06	
2-20-28 ✓	5.22	390.97	
3-23-28 ✓	5.74	390.46	
5/3/28	5.86	390.34	
5/30/28	5.51	390.69	
6/26/28	6.08	390.12	
7/26/28	6.65	389.55	

61.

Well No 61

P. Mervielle, fence line N. side of road. 2" pipe
1.6 above ground. 16' deep

Elev. top of pipe 363.22

Date	Dist. to Water Surface	Elev. of Water Surface	Barometric Press.
7-6-27			
11-18	6.61	356.61	29.35
7-13-27			
2-10	6.87	356.35	29.22
7-21-27			
1-00	7.09	356.13	29.24
7-28-27			
1-37	7.29	355.93	29.34
8-5-27			
1-13	7.50	355.72	29.37
8-12-27			
11-45	7.64	355.58	
8-17-27			
10-52	7.80	355.42	
8-26-27			
10-12	8.00	355.22	

8/31/27	8.12	355.10	
10/4/27	8.69	354.53	
11-11-27	9.18	354.04	
11-29-27	9.20	354.02	
12-23-27	9.01	354.21	
1-6-28	8.50	354.72	
1-19-28	7.93	355.29	
1-30-28	7.52	355.70	
2/20/28	5.86	357.36	
3/23/28	6.00	357.22	
4/18/28	6.13	357.09	
5/25/28	6.51	356.71	
6/28/28	7.50	355.72	
7/26/28	8.39	354.83	

62.

Well No 62

Wind-mill, Moss, Co. Road house. Ref. pt. top of cover.

Elev. of Ref. Pt. 375.51

Date	Dist. to Water Surface	Elev. of Water Surface	Barometric Press.	
7-6-27				
11-30	18.96	356.55	29.35	wind mill pumping
7-13-27				
11-53	15.99	359.52	29.43	
7-21-27				
11-42	19.00	356.51	29.29	wind mill pumping
7-28-27				
12-40	16.36	359.15	29.38	
8-5-27				
12-20	20.55	354.96	29.96	pumping
8-12-27				
11-00	17.75	357.76		pumping
8-19-27				
10-04	18.50	357.01		
8-26-27				
7-14	17.30	358.27		

8/31/27	18.55	356.96		
10/4/27	21.60	353.91		Pumping
11-11-27	18.57	356.94		
11-29-27	19.69	355.82		"
12-23-27	18.11	357.40		
1-6-28	16.68	358.83		
1-19-28	16.28	359.23		
1-30-28	16.01	359.50		
9/28/28	19.10	356.41		

63.

Well No 63

San Pasqual Ranch. Ref. pt., No. side of top curb stringer.

Elev. of Ref. Pt. 341.04			
Date	Dist. to Water Surface	Elev. to Water Surface	Barometric Press.
7-6-27			
8:55	9.70	331.34	29.47
7-13-27			
4:02	6.54	334.50	29.37
7-20-27	10.15	331.18	29.18
9:05			
7-21-27			
2:55	7.11	333.93	29.27
7-28-27	16.15	324.89	
4:30	12.15	328.5	29.40
8-5-27			
3:26	7.19	333.85	29.38
8-12-27			
1:57	7.40	333.64	
8-19-27			
1:20	14.36	324.68	
8-26-27			
12:25			
			Pumping
11-11-27	7.04	334.00	
11-24-27	6.48	334.56	
12-23-27	13.13	327.91	Pumping.
1-30-28	5.94	335.10	
2-20-28	5.66	335.38	
3-23-28	6.90	334.14	
5/25/28	6.67	334.37	
6/29/28	9.09	331.95	
7/24/28	11.35	329.69	Pumping
8/21/28	11.40 P	329.64	
	11.10 P	329.94	
2/27/29	6.34	334.70	
5/9/29	6.64	334.40	

64.

Well No 64.

Old Trussel dairy, near Fenton. Ref. pt. top of 12" pipe

Elev. of Ref. Pt. 410.00			
Date	Dist. to Water Surface	Elev. of Water Surface	Barometric Sur. Press.
7-6-27			
2:52	13.34	396.66	29.31
7-13-27			
5:56	13.57	396.43	29.34
7-21-27			
4:30	13.19	396.21	29.26
7-28-27			
10:05	14.04	395.96	29.43
8-5-27			
9:55	13.98	396.02	29.43
8-12-27			
9:12	14.27	395.73	
8-19-27			
3:28	14.62	395.38	
10/4/27	16.44	393.56	
11-11-27	16.37	393.63	
12-8-27	15.05	394.95	
12-23-27	14.28	395.72	
1-6-28	13.58	396.42	
1-20-28	13.32	396.68	
1-30-28	13.23	396.77	
2-20-28	12.67	397.33	
3-23-28	12.86	397.14	
5/3/28	13.56	397.44	
5/30/28	14.21	396.79	
6/28/28	15.20	395.80	
7/24/28	16.30	393.70	

Bach Lake

0.00 = 1.6' 0.7' deep.

2' Supplement Record

Elev. of 1.0' mark on staff gage 359.01

Date	Reading on Staff Gage	Elev. of water Surface	
7-6-27 9:30	-0.545	357.465	Sand dam on surface dug hole to reach water, 0.545' below bottom of staff gage
7-13-27 4:35	-0.870	357.14	0.870' below bottom of staff dug to water
7-21-27 3:19	-1.095	356.915	1.095' below bottom of staff (0.000) in hole
7-28-27 3:47	-2.31	356.70	2.31' below 1.0' mark on staff (in sunken box)
8-5-27 3:29	-2.63	356.39	2.63' below 1.0' mark on staff sunken box
8-12-27 2:27	-2.81	356.20	2.81' below 1.0' mark on staff (box)
8-19-27 12:18	-3.04	355.97	3.04' below 1.0' mark
8-26-27 11:43	4		Sandmoist in hole

Use Elev. Datum 358.01

12-23-27	0.50	358.51	
1-19-28	0.49		0.49' outlet
3-23-28			Max Lake 1.0' deep
4/18/28			Max Lake Mud -

Wood Lake

2.0' deep 0.0-2.4'

Elev. of 4.0' mark on staff gage 350.66

Date	Reading on Staff Gage	Elev. of water Surface	
7-6-27 9:57	3.34	350.00	
7-13-27 3:02	3.09	349.75	pumping
7-21-27 1:55	2.92	349.58	pumping
7-28-27 2:29	2.74	349.40	
8-5-27 2:07	2.43	349.09	pumping
8-12-27 12:31	2.24	348.90	
8-19-27 11:39	1.80	348.46	
8-26-27 10:58	1.68	348.34	

Use Elev. Datum 346.66

10/4/27	1.14	347.80	
11-11-27	1.86	348.52	
11-29-27	2.12	348.78	
12-23-27	2.74	349.40	
1-6-28	3.21	349.87	
1-19-28	3.49	350.15	
1-30-28	3.63	350.29	
2-20-28	4.64	351.30	
3-23-28	4.79	351.45	
4/2/28	4.29	350.95	
5/25/28	3.91 P	350.57	
6/19/28	2.50	349.16	

[Contin Page 132]

Robert's Lake

1.2' deep. 0.0 = 4.7'

Elev. of top of staff gage (6.0' mark) 379.55

Date	Reading on Staff Gage	Elev. of Water Surface
7-6-27		
1:03	5.375	378.925
7-13-27		
11:00	5.180	378.73
7-21-27		
10:52	5.005	378.555
7-28-27		
11:25	4.82	378.37
8-5-27		
11:02	4.64	378.19
8-12-27		
10:15	4.45	378.00
8-19-27		
9:08	4.32	377.87
8-26-27		
1:17	4.16	377.71

Use elev. Datum 378.55 ✓

Date	Reading on Staff Gage	Elev. of Water Surface
10/4/27		
	Dry at 2.50	
11-11-27	4.39 ✓	377.94 ✓
12-8-27	4.18 ✓	377.73 ✓
12-23-27	4.70 Staff 5.00 lowered	378.25 ✓
1-6-28	5.32 ✓	378.87 ✓
1-19-28	5.38 ✓	378.93 ✓
1-30-28	5.30 ✓	378.85 ✓
2-20-28	5.52 ✓	379.07 ✓
3-23-28	4.90 ✓	378.45 ✓
4/18/28	5.30	378.85
5/25/28	4.65	378.10
6/26/28	5.0	378.5

(See Page 118)

East San Pasqual Ditch

Date	Time	S.F. Discharge	Average Depth
7-5-27	4:30 4:45	5.15	0.72'
7-12-27	8:55 7:15	6.15	0.69'
7-22-27	4:10 4:20	1.30	0.23
7-28-27	5:29	0	No flow in river. Sand wet water sinks into sand.
7-29-27	2:23	0	
8-5-27	4:35	0	water sinks into sand above intake
8-12-27	7:32 am	dry	
8-19-27	7:30 am	dry	

12-8-27 ✓
3-23-28 ✓
5.0
water.
13.0

5/3/28	2.0	Waste 0
5/10/28	8.0	" 3.0
5/19/28	7.0	" 0
5/30/28	0.5	
6/24/28	Dry	0
7/26/28	dry	Waste 0
11/8/29	dry	

2/1/29

Diversion commenced
[contin. Page 133]

Webb South Side Ditch
(Upper)

Date	Time	S.F. Discharge	Average Depth
7-5-27	9:50	0.00	—
7-12-27	10:25	dry	
7-15-27	12:50 1:00	0.876	0.41'
7-21-27	4:35	dry	
7-28-27	9:56	dry	
8-5-27	9:49	dry	
8-12-27	9:06	dry	
8-19-27	3:31	dry	

F.E. Green's Measurements

12-8-27	4.0		
4/20/28		Dry	
3/22/28		"	
5/2/28		"	
5/19/28		On	
5/30/28		0	waste 1.5
7/26/28		0	" 0.1
8/21/28		0	
1/18/29	dry	Flow in river 0.2 entire length of Valley	
2/27/29	"		
5/9/29	"		
6/27/29	"		

Webb Lower Ditch

Date	Time	S.F. Discharge	Average Depth
7-5-27	12:15 12:20	2.60	0.33'
7-13-27	5:00	0.342	0.21
7-22-27	2:45 2:50	0.238	0.18
7-29-27	1:52	0	Sand wet.
8-5-27	10:43	Estimate 0.25	(total diversion from river)
8-12-27	9:57	dry	river dry
8-19-27	2:08	"	" "

11-11-27	1.5	During recent H.W.	
12-8-27		Dry	
3-23-28	2.0		
5/3/28	1.0	Ditch extended West ground old silos	
5/30/28	0.30		
6/21/28	0		
7/26/28	0		
8/21/28	0		
1/18/29	dry		
2/27/29	"		
5/9/29	"		
6/27/29	"		

Bradbury Ditch (Hall Place)

Date	Time	S.F. Discharge	Average Depth.
7-5-27	1:18	0.00	Ditch dry
7-12-27	3:00	dry	dry at intake also
7-13-27	12:52	dry	
7-21-27	12:34	sand wet - No flow.	
7-28-27	1:12	dry	
8-5-27	12:43	dry	
8-12-27	11:07	dry	
8-19-27	10:20	dry	

Bradbury Ditch (Wood Place)

Date	Time	S.F. Discharge	Average Depth.
7-5-27	2:25	0.00	
7-12-27	"	dry	No water entering ditch.
7-13-27	3:25		
7-13-27	1:08	Dry	
7-21-27	1:29	Dry	
7-28-27	2:06	Dry	
8-5-27	1:40	Dry	
8-12-27	12:05	Dry	
8-19-27	11:19	"	
11-29-27		Dry	
3/23/28		0.20	Lower End
4/16/28		3.0	"
4/18/28		Dry	
5/19/28		"	
5/20/28		0	
6/25/28		0	

List of Daily Measurements

~~By~~

*Daily measurements discontinued
after Aug-13-1927.*

Well N° 1

Description on page 1

Elev. top of pipe **366.80**

Date	Dist. to water Surface	Elev. of Water Surface
7-25-27		
1:20	3.87	362.93
7-27-27		
3:12	3.94	362.86
7-28-27		
3:40	3.99	362.81
7-29-27		
11:08	3.99	362.81
8-1-27		
4:49	4.10	362.70
8-2-27		
3:54	4.13	362.67
8-4-27		
3:03	4.19	362.61
8-5-27		
2:52	4.22	362.58
8-8-27		
4:01	4.31	362.49
8-9-27		
12:43	4.33	362.47
8-10-27		
10:43	4.35	362.45
8-11-27		
4:34	4.42	362.38
8-12-27		
2:37	4.44	362.36
8-13-27		
8:52	4.46	362.34

Well N° 2

Description on page 2

Elev. top of pipe **357.57**

Date	Dist. to Water Surface	Elev. of Water Surface
7-25-27		
2:18	4.13	353.44
7-27-27		
4:45	4.19	353.38
7-28-27		
2:48	4.22	353.35
7-29-27		
1:12	4.25	353.32
8-1-27		
8:57:23	4.34	353.23
8-2-27		
4:30	4.37	353.20
8-4-27		
2:45	4.43	353.14
8-5-27		
2:26	4.46	353.11
8-8-27		
2:36	4.56	353.01
8-9-27		
11:40	4.58	352.99
8-10-27		
9:05	4.62	352.95
8-11-27		
11:55	4.66	352.91
8-12-27		
12:49	4.69	352.88
8-13-27		
8:21	4.72	352.85

Well N^o 3

Description on page 3

Elev. top of pipe 358.76		
Date	Dist. to water Surface	Elev. water Surface
7-25-27		
2:13	6.28	352.48
7-27-27		
4:42	6.34	352.42
7-28-27		
2:45	6.37	352.39
7-29-27		
1:08	6.40	352.36
8-1-27		
5:19	6.70	352.06
8-2-27		
4:26	6.54	352.22
8-4-27		
2:42	6.60	352.16
8-5-27		
2:23	6.63	352.13
8-8-27		
2:34	6.73	352.03
8-9-27		
11:58	6.76	352.00
8-10-27		
9:02	6.79	351.97
8-11-27		
11:52	6.84	351.92
8-12-27		
12:47	6.88	352.88
8-13-27		
8:18	6.90	352.86

Well N^o 4

Description on page 4

Elev. of top of pipe 356.07		
Date	Dist. to Water Surface	Elev. of Water Surface
7-25-27		
2:10	3.94	352.13
7-27-27		
4:39	3.97	352.10
7-28-27		
2:41	3.99	352.08
7-29-27		
1:05	4.00	352.07
8-1-27		
5:16	4.06	352.01
8-2-27		
4:21	4.09	351.98
8-4-27		
2:37	4.13	351.94
8-5-27		
2:20	4.16	351.91
8-8-27		
2:32	4.22	351.85
8-9-27		
11:35	4.24	351.83
8-10-27		
9:00	4.26	351.81
8-11-27		
11:50	4.28	351.79
8-12-27		
12:44	4.31	351.76
8-13-27		
8:15	4.32	351.75

Well N^o 12
Description on page 12

Elev. top of pipe **348.05**

Date	Dist. to water Surface	Elev. of water Surface
7-25-27	0.105F	
1:03	4.64	343.41
7-27-27	0.025F	
2:55	4.68	343.37
7-28-27	0.015F	
3:55	4.68	343.37
7-29-27	0.205F	
11:28	4.63	343.42
8-1-27	0.015F	
4:40	4.67	343.38
8-2-27	0.025F	
3:04	4.66	343.38
8-4-27	0.02	
3:23	4.67	343.38
8-5-27	0.01	
3:17	4.69	343.36
8-8-27	0.015F	
3:19	4.69	343.36
8-9-27	0.015F	
1:59	4.67	343.38
8-10-27	0.205F	
9:30	4.63	343.42
8-11-27	0.065F	
12:29	4.66	343.39
8-12-27	0.010F	
1:28	4.68	343.37
8-13-27	0.15F	
9:00	4.62	343.43

Well N^o 12-A

Wooden box sunk in river bed, S of N^o 12 about 600'. Reference point, top of stake inside of well. 2.5' above ground.

Elev. top of stake **343.36**

Date	Dist. to water Surface	Elev. of Water Surface
7-25-27		
12:26	2.12	341.24
7-27-27		
2:30	2.24	341.12
7-28-27		
5:00	2.26	341.10
7-29-27		
12:11	2.21	341.15
8-1-27		
4:30	2.25	341.11
8-2-27		
3:37	2.25	341.11
8-4-27		
3:34	2.29	341.12
8-5-27		
3:59	2.26	341.10
8-8-27		
3:46	2.26	341.10
8-9-27		
2:33	2.25	341.11
8-10-27		
9:55	2.16	341.20
8-11-27		
1:02	2.24	341.12
8-12-27		
1:37	2.27	341.09
8-13-27		
9:05	2.15	341.21

Well N^o 12-B

Metal tub in river bed, about 1400'S. of N^o 12-A. Reference Point top of wood stake inside of well. San Pasqual Ranch Pumping Plant about 800' upstream.

Elev. of Ref. Pt. **341.43**

R.P. 2.7' above ground.

Date	Dist. to water Surface	Elev. of water Surface
7-25-27		
10:41	2.87	338.56
7-27-27	pumping	
2:21	3.24	338.19
7-28-27	pumping	
4:56	3.34	338.09
7-29-27	pumping	
12:04	3.41	338.02
8-1-27	pumping	
4:25	3.44	337.99
8-2-27		
3:32	3.60	337.83
8-4-27		
3:39	3.63	337.80
8-5-27	pumping	
3:58	3.35	338.08
8-8-27		
3:50	3.38	338.05
8-9-27		
2:37	3.15	338.28
8-10-27		
9:59	2.93	338.50
8-11-27		
6:27	3.09	338.39
8-12-27		
1:42	3.07	338.36
8-13-27		
9:10	2.91	338.57

Well N^o 13

Description on page 13

Elev. top of pipe **352.74**

Date	Dist. to water Surface	Elev. of water Surface
7-25-27		
11:40	4.43	348.31
7-27-27		
3:31	4.66	348.08
7-28-27		
3:12	4.50	348.24
7-29-27		
9:31	4.51	348.23
8-1-27		
5:06	4.57	348.17
8-2-27		
3:00	4.60	348.14
8-4-27		
2:53	4.64	348.10
8-5-27		
2:43	4.66	348.08
8-8-27		
3:12	4.72	348.02
8-9-27		
11:50	4.74	348.00
8-10-27		
9:14	4.75	347.99
8-11-27		
12:20	4.78	347.96
8-12-27		
1:22	4.80	347.94
8-13-27		
8:20	4.82	347.92

Upper end of slough in Bach's Cr. about 600' S. of N^o 13
 Ref. Pt., iron bar driven in slough. R.P. 0.8 above ground
 (top of bank)

Elev. top of bar. **347.27**

Date	Dist. to Water Surface	Elev. of water Surface
7-27-27		
3:00	2.76	344.51
7-28-27		
5:10	2.56	344.71
7-29-27		
11:24	2.59	344.68
8-1-27		
4:42	2.60	344.67
8-2-27		
3:46	2.63	344.64
8-4-27		
3:19	2.67	344.60
8-5-27		
3:17	2.73	344.54
8-8-27		
3:16	2.81	344.46
8-9-27		
1:49	2.81	344.46
8-10-27		
9:18	2.79	344.48
8-11-27		
12:25	2.83	344.44
8-12-27		
1:25	2.87	344.40
8-13-27		
8:57	2.84	344.43

Elev. of Ref. Pt **341.04**

Date	Dist. to water Surface	Elev. of water Surface
7-25-27		333.24
11:13	7.80	333.41
7-27-27		
1:31	7.01	334.03
7-28-27	pumping	
4:30	12.5	321.5
7-29-27	pumping	
11:30	7.88	333.16
8-1-27	pumping, water down in casing	333.93
8-2-27		
2:10	7.11	333.93
8-4-27	well box empty	pumping
3:50		
8-5-27		
3:26	7.19	333.85
8-8-27	pumping	
3:27	13.42	327.62
8-9-27		
1:13	7.22	333.82
8-10-27		
10:17	8.70	332.34
8-11-27	pumping	
1:35	7.17	333.87
8-12-27		
1:57	7.40	333.64
8-13-27		
9:20	10.04	331.00

85.

Well N°63-A

Wooden box sunk in river bed. east of N°63
Reference Point top of stake inside of well. 1.2' above ground

Elev. of Ref. Pt **336.31**

Date	Dist. to water Surface	Elev. of water Surface
7-25-27		
11.07	1.41	334.90
7-27-27		
11.37	1.74	334.57
7-28-27		
4.42	1.91	334.40
7-29-27		
11.38	1.96	334.35
8-1-27		
4.113	2.15	334.16
8-2-27		
3.14	2.17	334.14
8-4-27		
3.58	2.25	334.06
8-5-27		
3.32	2.27	334.04
8-8-27		
3.31	2.38	333.93
8-9-27		
2.17	2.40	333.91
8-10-27		
10.22	2.39	333.92
8-11-27		
1.40	2.45	333.86
8-12-27		
2.01	2.46	333.85
8-13-27		
9.24	2.44	333.87

86.

Well N°63B

Wooden box sunk in river bed about 1400' South
of N°63A. Ref. Pt. top of stake inside of well-
2.2' above ground.

Elev. of Ref. Pt **335.09**

Date	Dist. to water Surface	Elev. of water Surface
7-25-27		
11.51	2.59	332.50
7-27-27		
1.48	2.91	332.18
7-28-27		
4.48	2.92	332.17
7-29-27		
11.45	2.94	332.15
8-1-27		
4.00	3.02	332.07
8-2-27		
3.27	3.08	332.01
8-4-27		
4.08	3.11	331.98
8-5-27		
4.41	3.16	331.93
8-8-27		
3.38	3.24	331.85
8-9-27		
2.25	3.25	331.84
8-10-27		
10.30	3.19	331.90
8-11-27		
1.66	3.31	331.78
8-12-27		
2.13	3.33	331.76
8-13-27		
9.30	3.15	331.94

Bach Lake

Elev. of 1.0' mark on Staff gage **359.01**.

Date	reading to Water Surface	Elev. of water Surface
7-25-27		
1:51	-2.18	356.83
7-27-27		
3:23	-2.27	356.74
7-28-27		
3:47	-2.31	356.70
7-29-27		
11:17	-2.34	356.67
8-1-27		
4:58	-2.45	356.56
8-2-27		
4:03	-2.45	356.56
8-4-27		
3:11	-2.53	356.48
8-5-27		
3:02	-2.63	356.39
8-8-27		
4:09	-2.74?	356.27
8-9-27		
1:00	-2.71	356.30
8-10-27		
10:50	-2.74	356.27
8-11-27		
4:25	-2.79	356.22
8-12-27		
2:27	-2.81	356.20
8-13-27		
8:47	-2.83	356.18

Wood Lake.

Elev. of 4.0' mark on staff gage **350.66**.

Date	reading on water surface	Elev. of water Surface
7-25-27		349.44
2:04	2.78	347.88
7-27-27		349.42
4:33	2.76	347.90
7-28-27		349.40
2:29	2.74	347.92
7-29-27		349.39
12:53	2.73	347.83
8-1-27	pumping	
5:11	2.64	349.30
8-2-27	pumping	
4:13	2.60	349.26
8-4-27	pumping?	
2:30	2.51	349.17
8-5-27	pumping	
2:07	-2.43	349.09
8-8-27	pumping	
2:20	2.29	348.95
8-9-27		
11:27	2.27	348.93
8-10-27		
8:55	2.25	348.91
8-11-27		
11:39	2.24	348.90
8-12-27		
12:31	2.24	348.90
8-13-27		
8:09	2.24	348.90

Green

Well N° 12-A

Wooden box sunk in river bed. About 600' So. of N° 12.
Reference Point top of stake in well, 2.5' above ground.

Elev. of Ref. Pt. **343.36**

Date	Dist. to water Surface	Elev. of Water Surface
7-28-27		
5:00	2.26	341.10
3:54		
8-5-27	2.26	341.10
8-12-27		
1:37	2.27	341.09
8-19-27		
1:05	2.24	341.12
8-26-27		
12:05	2.23	341.13

Well N° 12-B

Metal tub in river bed, about 1400' So. of N° 12-A. Reference
Point top of wood stake in well, and 2.7' above ground.
San Pasqual Ranch Pumping Plant, 800' upstream.

Elev. of Ref. Pt. **341.43**

Date	Dist. to water Surface	Elev. of Water Surface	
7-28-27			
4:56	3.34	338.09	pumping
8-5-27			
3:58	3.35	338.08	pumping
8-12-27			
1:42	2.91	338.52	
8-19-27			
1:10	3.01	338.42	
8-26-27			
12:12	3.02	338.41	

N^o 13A

Upper end of slough in Bach's Cr. about 600' So. of N^o 13
Reference Point iron rod in slough. Ref. Pt. 0.8' above
top of bank.

Elev. top of rod. **347.27**

Date	Dist. to water Surface	Elev. of water Surface
7-28-27		
5:10	2.56	344.71
8-5-27		
3:12	2.73	344.54
8-12-27		
11:25	2.87	344.40
8-19-27		
12:33	2.91	344.36
8-26-27		
11:53	2.98	344.29

Well N^o 63-A

Wooden box sunk in river bed east of N^o 63.
Reference Point top of stake inside of box. 1.2' above ground.

Elev. of Ref. Pt. **336.31**

Date	Dist. to water Surface	Elev. of Water Surface
7-28-27		
4:42	1.91	334.40
8-5-27		
3:32	2.27	334.04
8-12-27		
2:01	2.46	333.85
8-19-27		
1:33	2.57	333.74
8-26-27		
12:30	2.69	333.62

Well No 63-B

Wooden box sunk in river bed. About 1400 ³⁰ of No 63A
 Reference Point top of stake inside of box. 2.2 above
 ground

Elev. of Ref. Pt. **335.09**

Date	Dist. to water Surface	Elev. of Water Surface
1-28-27		
4-48	2.92	332.17
8-5-27		
4-41	3.16	331.93
8-12-27		
2-13	3.33	331.76
8-19-27		
11-51	3.46	331.63
8-26-27		
12-40	3.60	331.49

Well No 13 B.

Bradbury N. Fence about 100' W. of No 4
 4" casing

See Page. 110.

F.E. Green's Meas.

Well No 31A.

Dug well, by Roberts house, north
of road in Sec. 33. Reference point

Top of cover of curb, 1.0 above gr.

Elev. of R.P. 389.79 ✓

8/23/27 ✓ 12.27 ✓ 377.52 ✓

10/4/27 ✓ 13.03 ✓ 376.76 ✓

11-11-27 ✓ 12.31 ✓ 377.48 ✓

12-8-27 ✓ 11.84 ✓ 377.95 ✓

12-23-27 ✓ 11.90 ✓ 377.89 ✓

1-6-28 ✓ 11.67 ✓ 378.12 ✓

1-19-28 ✓ 11.42 ✓ 378.37 ✓

1-30-28 ✓ 11.95 ✓ 377.84 ✓

3-23-28 ✓ 12.16 P ✓ 377.63 ✓

5/30/28 ✓ 12.20 P ✓ 377.59 ✓

6/22/28 ✓ 13.02 ✓ 376.77 ✓

Pumping

W. Mill Pump

Pumping.

Green's Meas.

On Bradbury place Well 1-B.

12" dia. R.P. - Peg - El. 352.51

8/31/27 ✓ 4.12 ✓ 348.39 ✓

9/7/27 ✓ 4.20 ✓ 348.31 ✓

10/4/27 ✓ 4.22 ✓ 348.29 ✓

11-11-27 ✓ 3.41 ✓ 349.10 ✓

11-29-27 ✓ 3.31 ✓ 349.20 ✓

12-23-27 ✓ 2.48 ✓ 350.03 ✓

1-6-28 ✓ 2.17 ✓ 350.34 ✓

1-19-28 ✓ 1.89 ✓ 350.62 ✓

1-30-28 ✓ 1.98 ✓ 350.53 ✓

2-20-28 ✓ 1.10 ✓ 351.41 ✓

3-23-28 ✓ 1.35 ✓ 351.16 ✓

4/15/28 ✓ 1.78 ✓ 350.73 ✓

5/25/28 ✓ 2.05 ✓ 350.46 ✓

6/22/28 ✓ 4.16 ✓ 348.35 ✓

7/26/28 ✓ 4.62 ✓

8/21/28 ✓ 4.93 ✓

9/24/28 ✓ 5.14 ✓

11/5/28 ✓ 5.15 ✓

Green's Meas.

Well No 2-B On Bradbury place

12" hole - 4" casing, 2.1 above gr.

R.P. Top of casing - El. 354.86

8/31/27	6.41	348.45
9/7/27	6.45	348.41
10/4/27	6.44	348.42
11-11-27	5.65	349.21
11-29-27	5.55	349.31
12-23-27	4.65	350.21
1-6-28	4.40	350.46
1-19-28	4.09	350.77
1-30-28	4.25	350.61
2-20-28	3.30	351.56
3-23-28	3.61	351.25
4/18/28	4.13	350.73
5/25/28	4.43	350.43
6/28/28	6.39	348.47
7/26/28	7.03	
8/21/28	7.32	
9/28/28	7.53	
11/5/28	7.55	

On Bradbury's Well No 3-B

12" hole - 4" casing.

R.P. - hub - at ground elev. 351.98

8/31/27	3.67	348.31
9/7/27	3.77	348.21
10/4/27	3.77	348.21
11-11-27	2.83	349.15
11-29-27	2.72	349.26
12-23-27	1.81	350.17
1-6-28	1.49	350.49
1-19-28	1.20	350.78
1-30-28	1.35	350.63
2-20-28	0.28	351.70
3-23-28	0.76	351.22
4/18/28	1.28	350.70
5/25/28	1.58	350.40
6/28/28	3.21	348.77
7/26/28	4.26	
8/21/28	4.68	
9/28/28	4.93	

Well No 4-B. On Bradbury's.

12" hole.

R.P. - Top of peg-flush - El. 352.83

8/31/27	4.72	348.11
9/7/27	4.81	348.02
10/4/27	4.79	348.04
11-11-27	3.75	349.08
11-29-27	3.63	349.20
12-23-27	2.65	350.18
1-6-28	2.32	350.51
1-19-28	2.05	350.78
1-30-28	2.20	350.63
2-20-28	1.30 ^{Lake 100' East}	351.53
3-23-28	1.59	351.24
4/18/28	2.24	350.61
5/25/28	2.58	350.48
6/23/28	3.88	348.95
7/26/28	5.12	
8/21/28	5.65	
9/28/28	5.88	

Pond east, dry

" " "

" " "

Well No 5-B

On Bradbury's. - 12" hole

R.P. - Top of peg-flush - El. 352.04

8/31/27	3.72	348.32
9/7/27	3.88	348.16
10/4/27	3.86	348.18
11-11-27	2.96	349.08
11-29-27	2.80	349.24
12-23-27	1.92	350.12
1-6-28	1.53	350.51
1-19-28	1.26	350.78
1-30-28	1.37	350.67
2-20-28	0.61	351.43
3-23-28	0.73	351.31
4/18/28	1.29	350.75
5/25/28	1.64	350.40
6/23/28	2.99	349.06
7/26/28	4.37	
8/21/28	4.95	
9/28/28	5.13	

Pond east, dry)

" " "

" " "

Well No 6-B-

On Bradbury's.

12" hole.

R.P. - Top of peg - flush - El. 351.52

8/31/27	3.14	348.38
9/7/27	3.33	348.19
10/4/27	3.29	348.23
11-11-27	2.41	349.11
11-29-27	2.25	349.27
12-23-27	1.41	350.11
1-6-28	1.00	350.52
1-19-28	0.77	350.75
1-30-28	0.82	350.70
2-20-28	Pooled 0.04	351.48
3-23-28	0.15	351.37
4/18/28	0.73	350.78
5/25/28	1.09	350.43
6/25/28	2.43	349.09
7/26/28	3.85	
8/21/28	4.44	
9/28/28	4.58	

Well No 7-B

On Bradbury's.

12" hole

R.P. - Top of peg - flush - El. 351.45

8/31/27	3.20	348.25
9/7/27	3.33	348.12
10/4/27	3.30	348.15
11-11-27	2.37	349.08
11-29-27	2.21	349.24
12-23-27	1.27	350.18
1-6-28	0.88	350.57
1-19-28	0.54	350.91
1-30-28	0.77	350.68
2-20-28	Pooled 0.00	351.45
3-23-28	0.23	351.22
4/18/28	0.88	350.57
5/25/28	1.19	350.26
6/25/28	2.40	349.05
7/26/28	3.70	
8/21/28	4.30	
9/28/28	4.57	

Well No 8-B

On Bradbury's.

12" hole

R.P. - Top of peg-flush - El. 352.72

8/31/27	4.29	348.43
9/7/27	4.41	348.31
10/4/27	4.51	348.21
11-11-27	3.71	349.01
11-29-27	3.46	349.26
12-23-27	2.74	349.98
1-6-28	2.22	350.50
1-19-28	1.94	350.78
1-30-28	2.00	350.72
2-20-28	1.17	351.55
3-23-28	1.26	351.46
4/18/28	1.79	350.93
5/25/28	2.14	350.58
6/28/28	3.29	349.43
7/26/28	5.05	
8/21/28	5.80	
9/28/28	6.15	

Pond east, dry.

" " "

" " "

Well No 9-B

On Bradbury's.

12" hole - 12" dia. casing flush.

R.P. - Top of casing - El. 353.07

8/31/27	4.38	348.69
9/7/27	4.56	348.51
10/4/27	4.66	348.41
11-11-27	3.90	349.17
11-29-27	3.68	349.39
12-23-27	3.00	350.07
1-6-28	2.33	350.74
1-19-28	2.07	351.00
1-30-28	2.19	350.88
2-20-28	1.40	351.67
3-23-28	1.55	351.52
4/18/28	2.07	351.00
5/25/28	2.45	350.64
6/28/28	3.53	349.54
7/26/28	5.20	
8/21/28	6.03	
9/28/28	6.35	

Well No 10-B

On Bradbury's south line.

8" hole-4" casing-0.3' above gr.

R.P. - Top of casing - El. 350.94

8/31/27	3.31	347.63
9/7/27	3.40	347.54
10/4/27	3.42	347.52
11-11-27	2.41	348.53
11-29-27	Plowed out	

Well-No 11-B

On Bradbury's south line.

8" hole-4" casing-0.6' above gr.

R.P. - Top of casing - El. 351.02

8/31/27	3.45	347.57
9/7/27	3.51	347.51
10/4/27	3.54	347.48
11-11-27	2.52	348.50
11-29-27	2.30	348.72
12-23-27	1.12	349.90
1-6-28	0.82	350.20
1-19-28	0.70	350.32
1-30-28	0.885	350.135
2-20-28	0.45	350.57
3-23-28	0.89	350.13
4/18/28	1.37	349.65
5/26/28	1.60	349.62
6/28/28	2.43	348.59
7/26/28	3.15	
8/21/28	3.72	
9/28/28	4.18	

Well No 12-B

On Bradbury's south line.

8" hole-4" casing-0.1' above gr.

R.P.-Top of casing- El. 350.72

8	8/31/27	3.36	347.36
9	9/7/27	3.45	347.27
10	10/4/27	3.46	347.26
11	11-11-27	2.34	348.38
11	11-29-27	2.17	348.55
	12-23-27	0.95	349.77
	1-6-28	0.62	350.10
	1-19-28	0.41	350.31
	1-30-28	0.70	350.02
	2-20-28	0.05	350.67
	3-23-28	0.71	350.01
	4/18/28	1.29	349.43
	5/25/28	1.54	349.18
	6/24/28	2.33	348.39
	7/26/28	3.04	
	8/21/28	3.69	
	9/28/28	4.13	

1/2 Pool Coy. 2/25
during rain 2/25
+0.05

Well No 13-B

On Bradbury's north line

4" hole-4" casing-0.1' above gr.

R.P.-Top of casing- El. 356.12

Date	Meas.	Water sur.	Errost.
8/26/27	6.23	349.89	
8/31/27	6.35	349.77	
9/7/27	6.46	349.66	
10/4/27	6.71	349.41	
11-11-27	6.46	349.66	
11-29-27	6.16	349.96	
12-23-27	5.84	350.28	
1-6-28	4.36	351.76	
1-19-28	4.04	352.08	
1-30-28	3.95	352.17	
2-20-28	3.43	352.69	
3-23-28	3.33	352.79	
4/18/28	3.48	352.64	
5/25/28	3.73	352.39	
6/24/28	4.17	352.00	
7/26/28	4.93		
8/21/28	5.77		
9/28/28	6.40		

Fenton -
3" pipe in Santa Maria Creek.

12-8-27 1.04

Creek dry.

Webb Ditch - Opposite House

Date	Time	Discharge	Ax. Depth.
10/4/27		0.1	
3/22/28		5.0	Waste 0
5/3/28		0.5	" 0.5
6/25/28		0	
7/26/28		0	
8/21/28		0	
2/27/29		Dry	

HALL LAKE

	Discharge
12/23/27	0.2 D
1/6/28	0.5 D
1/19/28	0.8 D
1/30/28	0.6 D
2/20/28	1.5± D
3/23/28	1.3± D
4/18/28	1.0± D
5/25/28	0.6± D
6/28/28	0

WEBB DITCH — Intake below mouth
of Guejito Creek.

	Discharge
5/3/28	Dry
5/10/28	"
5/19/28	"
5/30/28	0
6/23/28	0.1
7/26/28	0
8/21/28	0
2/27/29	Dry

Waste 0.5

PRATT LAKE

	Discharge	
12/23/27	0.5 D	
1/6/28	1.0 D	
1/19/28	1.4 D	
1/30/28	0.5 D	
3/23/28	0.4 D	
4/18/28	1.0±D	
5/30/28	1.0±D	
6/28/28	Mud-	
7/26/28	Mud	
8/21/28	0.5± Irrig.	

WELL #16 El. 370.16

Continued from Page 16.

9/28/28 14.88 355.98

WELL # 53 El. 425.48

Cont'd from Page 53

9/28/28	6.30	419.18	
11/5/28	5.80	419.68	v. dry at br.
2/27/29	4.61	420.87	
5/9/29	4.75	420.73	
6/27/29	5.15 ¹⁰	420.33	

ROBERTS LAKE

Cont'd from Page 67)

7/26/28 Dry

WELL #1 El. 366.80

Cont'd from Page 1

8/21/28 6.05 360.75 0.01 Bach Creek

9/28/28 6.04 360.76 0.02

Well 15' E. of pump - 2" pipe.

11/5/28 6.58 360.22

2/27/29 6.04 360.76 0.1

WELL #2 El. 357.57

Cont'd from Page 2

7/26/28 5.04 352.53 0

8/21/28 6.00 351.57 0

9/28/28 7.27 350.30 0

121

WELL #3 El. 358.76

Cont'd from Page 3

7/26/28	7.67	351.09
8/21/28	8.88	349.88
9/28/28	10.23	348.53

122

WELL #4 El. 356.07

Cont'd from Page 4

7/26/28	5.69	350.38
8/21/28	6.03	350.04
9/28/28	6.70	349.37

123

WELL #5 El. = 354.89

Cont'd from Page 5

7/26/28			Irrigating
8/21/28	5.59	349.30	
9/28/28	6.54	348.35	

124

WELL #6

El. = 361.96

Cont'd from Page 6

7/26/28	10.81	351.15
8/21/28	11.39	350.57
9/28/28	12.01	349.95
11/5/28	12.33	349.63
2/27/29	11.29	350.67
5/9/29	10.24	351.72
6/27/29	11.18	350.78

WELL #7 El. 361.21

Cont'd from Page 7

7/26/28	9.84	351.37
8/21/28	10.39	350.82
9/28/28	11.01	350.20

WELL #8 El. 358.30

Cont'd. from Page 8

7/26/28	5.92	352.38
8/21/28	6.57	351.73
9/28/28	7.31	350.99

WELL # 9 El. 360.53

Cont'd from Page 9

7/26/28	8.34	352.29
8/21/28	8.91	351.62
9/28/28	9.59	350.94

WELL # 10 El. 361.05

Cont'd from Page 10

7/26/28	9.09	351.96
8/21/28	9.55	351.50
9/28/28	10.10	350.95

129

WELL # 11 81.360.15

Cont'd from Page 11

7/26/28 7.95 354.70

8/21/28 8.26 351.89

9/28/28 8.63 351.52

130

WELL # 12 81.348.05

Cont'd from Page 12

131

Wood Lake
[contin. from Page 66]

132

7/26/78 P.

Pond bone
dry at 0.3

8/21/78 P.

Mud at 0.0

9/28/78

Hole dry

133

East. San Pasqual Ditch
[contin. from Page 68]

2/27/29

8.0±

5/9/29

8.0±

6/27/29

dry for 10 days

134

135

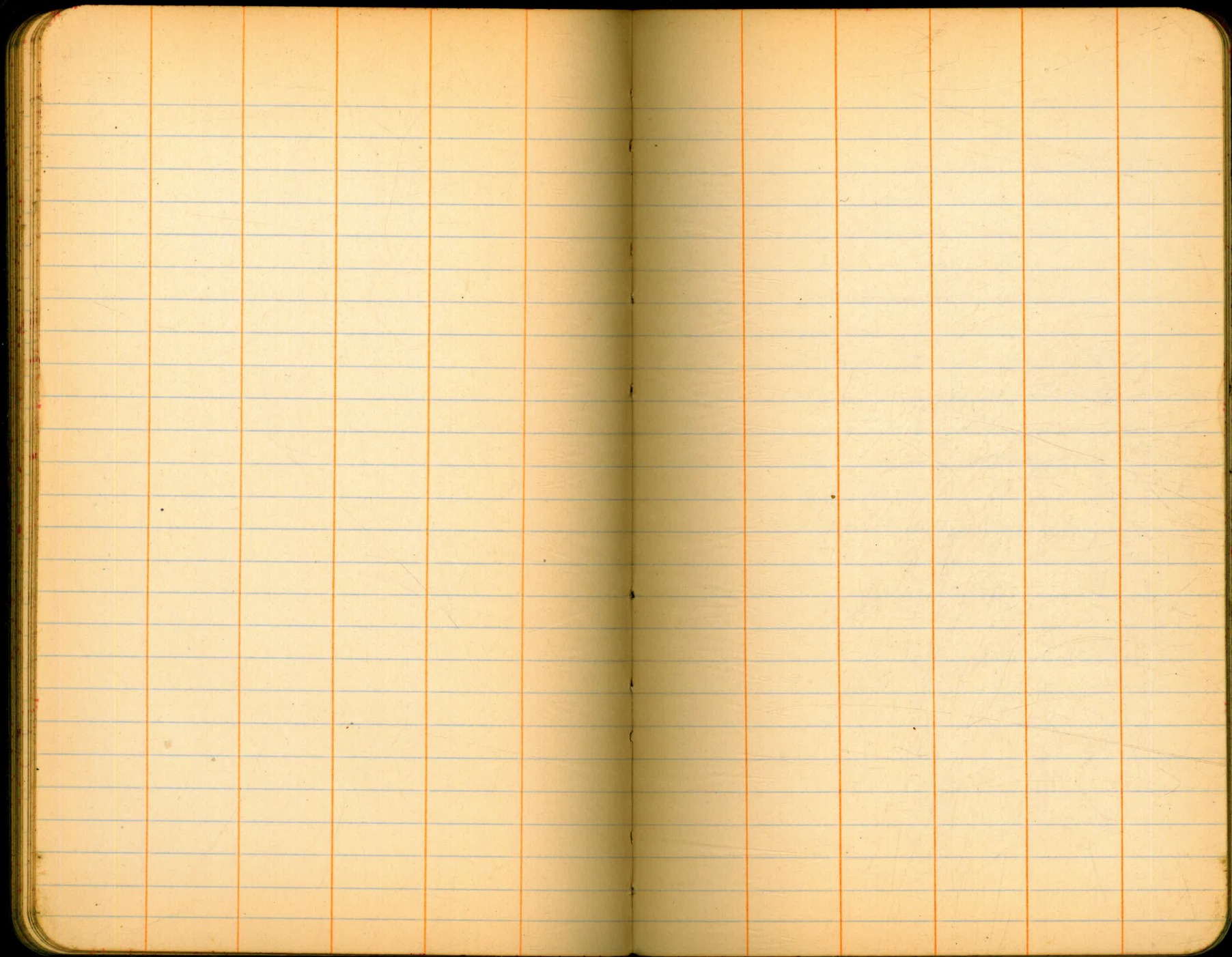
136

137

138

139

140



Discha

SAN PASQUAL VALLEY

General Field Notes: 1

7-12-27.

Santa Maria Cr. at Well N^o 42 - (Dry)

No surface flow. water encountered. 0.37' below surface of sand channel 10:55am. Below N^o 42 about 800', at road about 200's. N^o 38 water in pools, formed by excavating sand from ~~the~~ creek bed.

7-12-27 Santa Maria Cr. at Well N^o 37 - Dry.

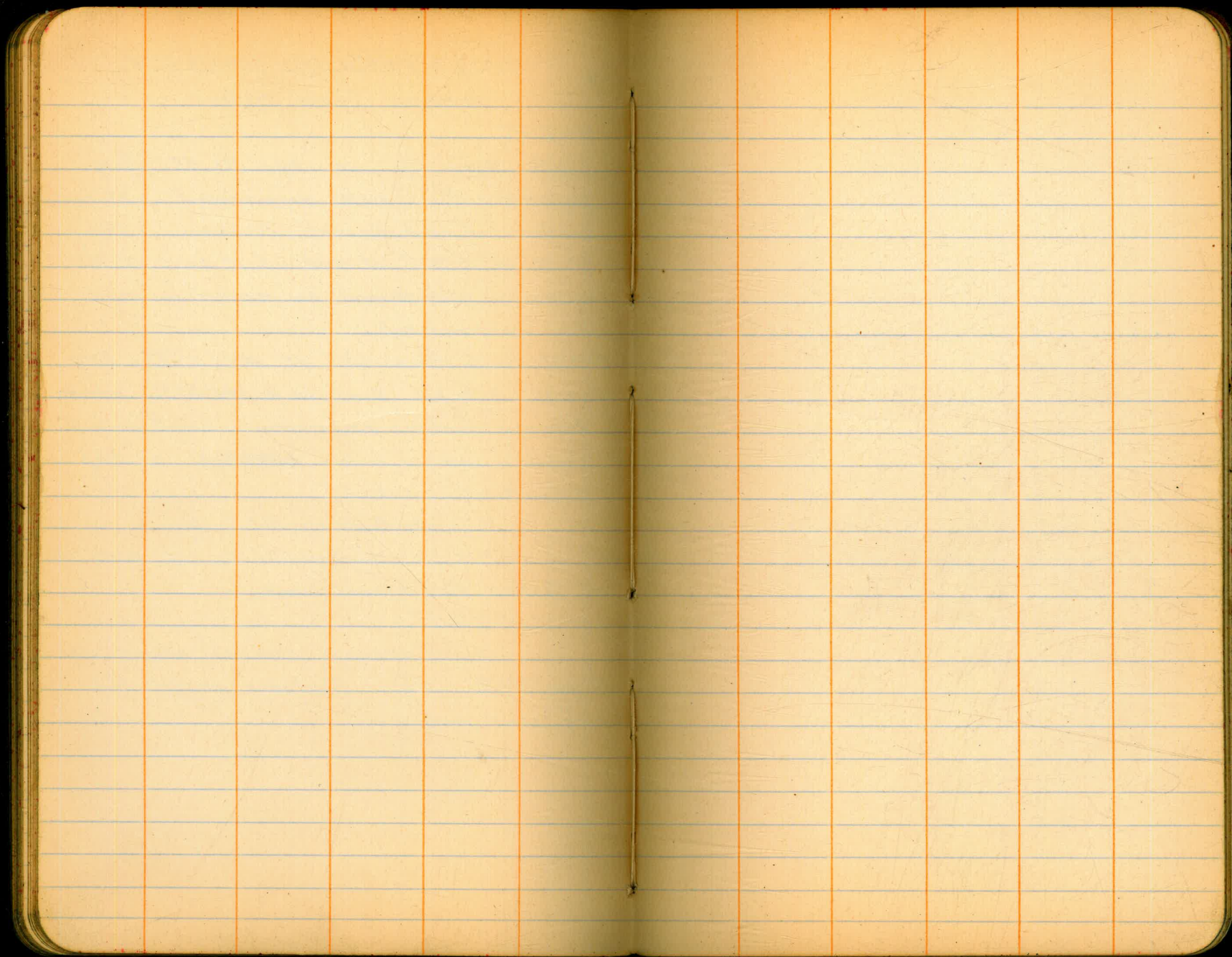
7-12-27 - 2:30 pm. pond 60' N Well N^o 36 indicates becoming smaller - evaporation - Small drainage channel - water 1' wide - ~~est~~ deep .03' deep
estimated dis. = 0.025 F

7-12-27 Bradbury ditch dry

7-12-27 San Dieguito Riv. at Well 22
no surface flow - sand damp.

7-21-27.

Small drainage channel about 50'
N. Well N^o 36 - dry - Pond dry except for very small pools.



DIRECTIONS FOR USE OF TABLES

TABLE No. 1.
Distance of slope stake from side or shoulder
stake for any width roadway, slope 1 1/2 to 1.
If ground is nearly level, the cut or fill at side
stake is located by the double entry method in
row column and top row. The number in body
of table in same row and column gives distance
level estimate the difference in elevation between
the side stake and the lower target by this
amount if cut, elevate if fill. Add this amount
to cut or subtract from fill to find the right
target. If it does not make the right adjustment

IMPROVED TABLES AND INFORMATION

TABLE No. 2
To find Tangent and External for curve of
any other degree, divide by degree of curve and
add correction found in column of corrections.
Degree of curve with a given L may be found
by dividing tangent (or external) opposite L by
given tangent (or external).
The distance from a point on the tangent to
the curve is very nearly the square of the tangent
length divided by twice the radius.

187
196
288

4
11 26
2,74

u.
102
8%

4
137
2,43

187
417
3.04

1.87
1.46
2,31

187
.76
-263

4
1.735
2.265

187
166
253

187
1.92
2.79

187
1.82
-2.74

187
1.82
-2.74

4
2.32
1.68

4
1.68
4.32

2.11

6
1.81
4.16