

NEW  
1033  
MISSION  
VALLEY

PLANTING

Plant

at  
lands adjacent  
to same

OK

Water Dept.  
City of San Diego  
Calif

Return To  
WATER DEPT  
CITY HALL

Plms 414

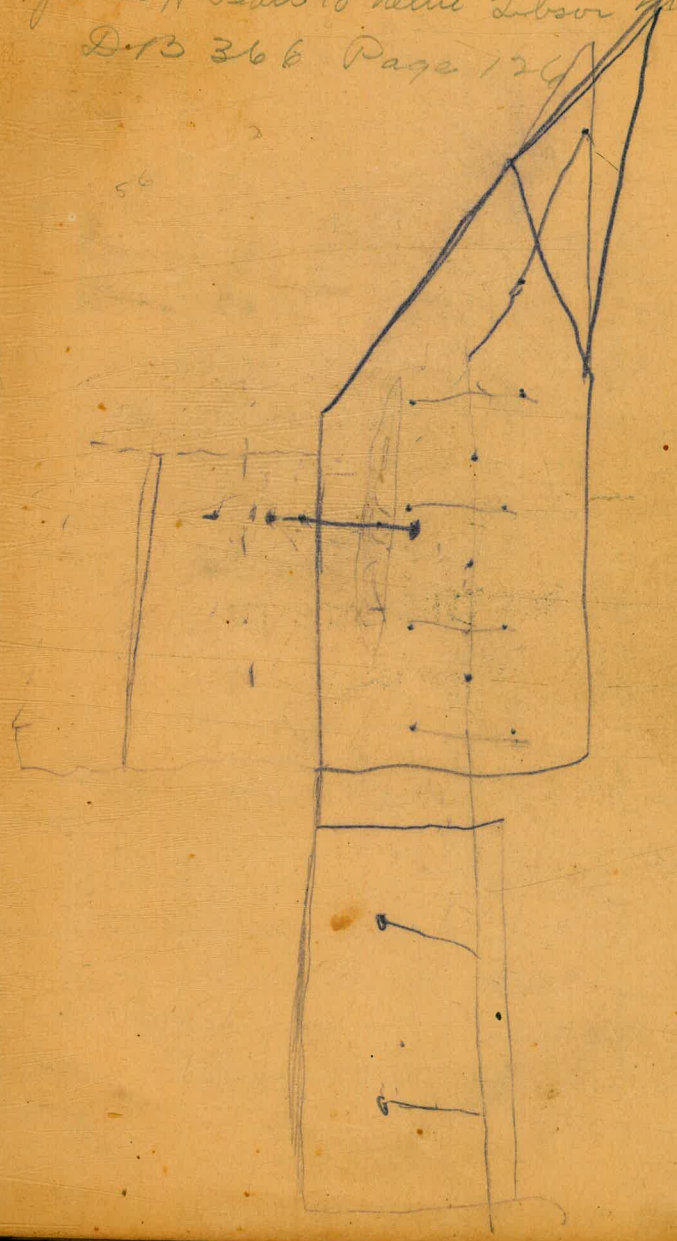
MICROFILMED

DEC 17 1964

2435	
511	
2387	4101
	500
101	41
4181	01

Luce to City DB. 361 - 239 Page

James H Luce to Nellie Libson May 25 01  
D.B 366 Page 126



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San Diego & Bernado Water Co  
 Copy of deed City of San Diego 13 - 15

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5.01  
 03 5/15

Measurements running N 27° N' W

Sta Det.

Cor.  
Bearing M. B. ...

11+90 2" Iron Pipe on line  
11+95 Fence Cor.

6+95 Fence cor

6092 Iron 2" pipe  
6+09 on line

5+08 4x4 Post  
with tack

3+03 E Wash

1+66 Fence Cor

1749 R Road

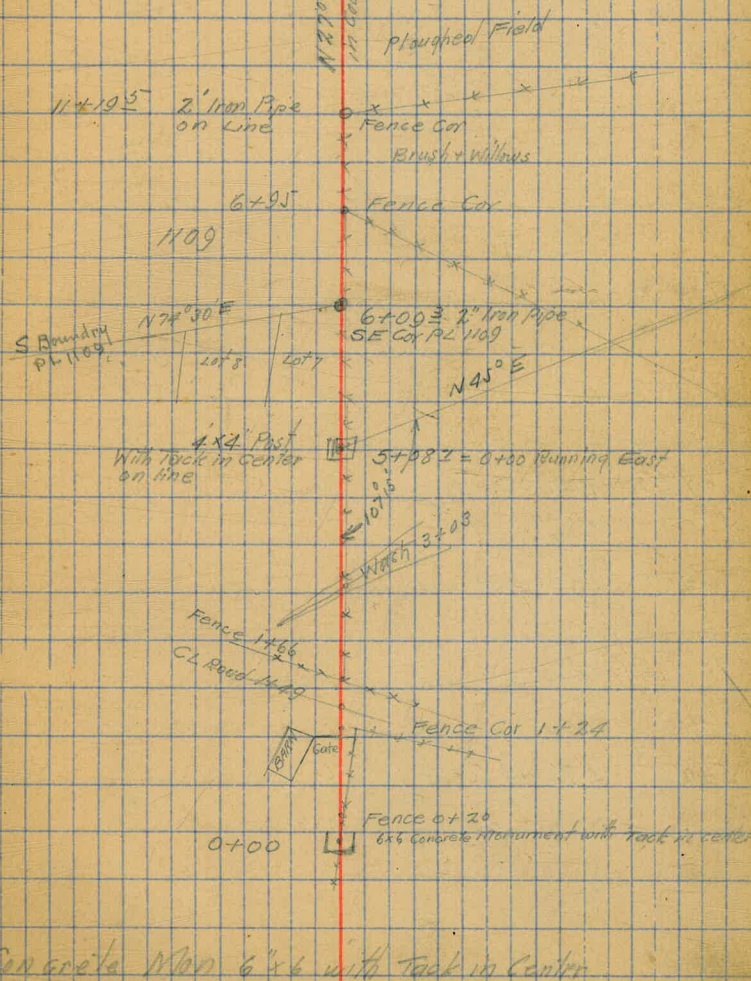
1+24 Fence Cor

1+22 Fence

6+20

N 27° N' W

Feb 24 1909  
K. R. Bus - Transit  
Abram } Chainmen  
W. E. Whitmore }  
Weather Fair



Concrete Mon 6" x 6" with tack in center

Running Easterly on S. Boundary City Prop Lot 32

Sta R L  
Defl Defl

Cor. Bear Ming Bear

10+00 P.O.T.

9+59<sup>5</sup> offset .09 north to tack in 4' x 4'

6+07 Fence

6+00 P.O.T.

0+03 = Fence

5+08<sup>2</sup>  $\Delta 72^{\circ}45' R = 0+00$   
 $\Delta 72^{\circ}46'$

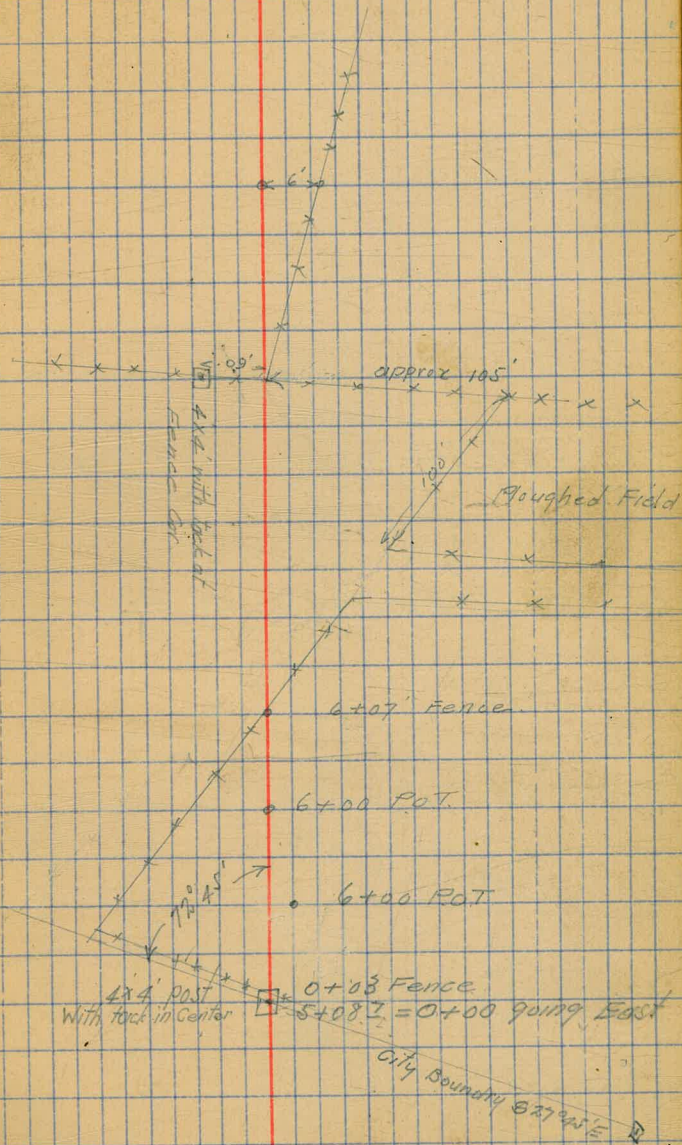
0+00 Mon.

N45°E

N27°45'W

40' Back

120'



S. Boundry City Prop Lot 32

Sta

Feb 25 1914  
H. R. But Transit  
Whitmore Chain. 3  
Observers  
Weather - Fair

22+09<sup>56</sup> = Fence wire

21+97<sup>36</sup> Δ L 90° W. Bound Lot 35 = 0+00<sup>12</sup> (Running Northernly) Running Southernly

See page 5  
See page 6

18+95<sup>30</sup> Hub - SE Cor City Prop

N 45° E

17+01 FENCE

10+00 P.O.T.

22+09<sup>56</sup> Fence

Lot 35 -

21+97<sup>36</sup> P.O.T. W. B. Lot 35  
S 45° E

90°

Grain Field

18+95<sup>2</sup>

120'

225°

17+01<sup>5</sup>

120'

10+00 P.O.T.

E Boundary of City Prop in Lot 32  
Running Northerly

2+27<sup>1</sup> F Sec  
2+26 E 1<sup>1</sup>

4

Sta	Defl	Cor. Bear
-----	------	--------------

2+42 Bank of S.D. River

2+35<sup>2</sup> P.O.T.

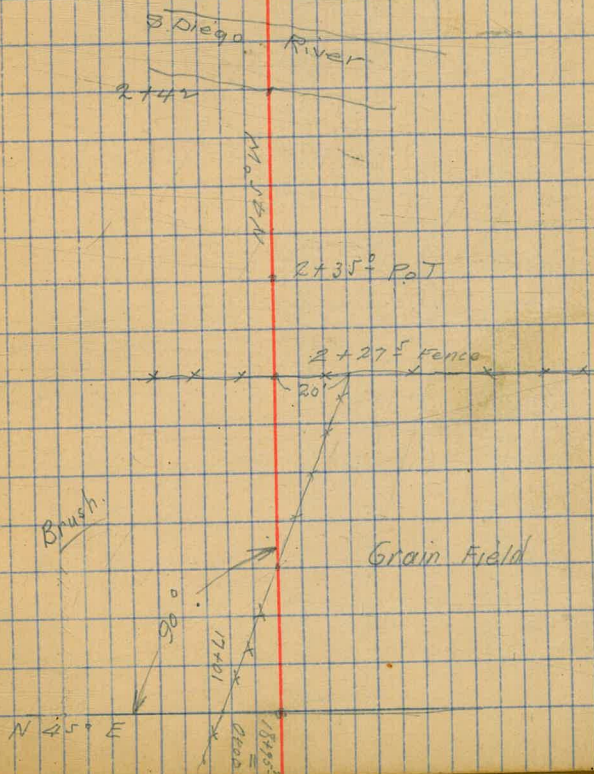
N 45° W

2+27<sup>5</sup> Fence

2+26 = Fence

18+95<sup>7</sup> = 0+00 Running Nor E.B. of Lot 32 City Prop

N 45° E



West Boundary Lot 35 Running Northwly

5-

Sta Detl

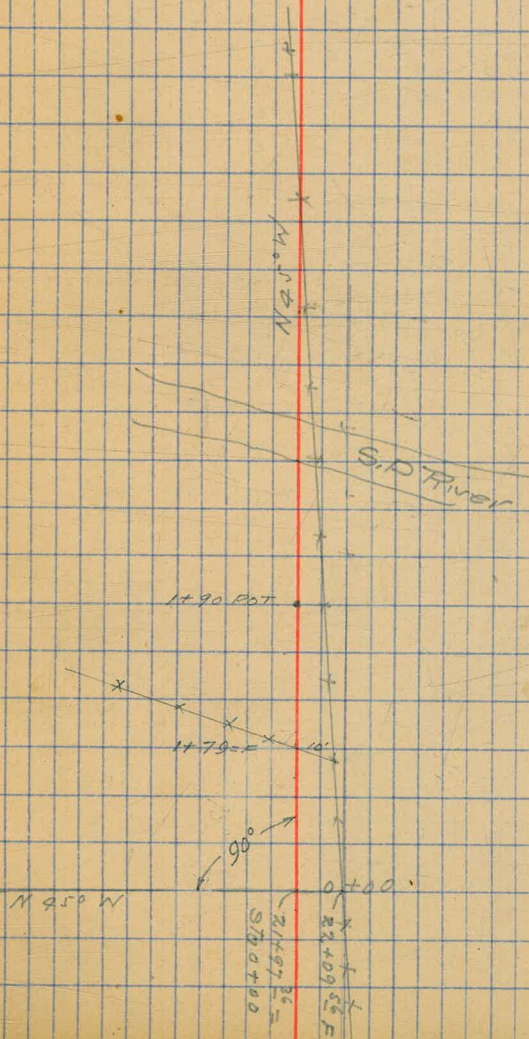
Cor.  
Bear

1+97 = River Bank

1+90 PaT Hub

1+79 FENCE about N 45° E Cor

21+97<sup>36</sup> = 0+00 Running North 45° west





West Boundary Lot 35 Running Southerly  $54.5^\circ E$

6

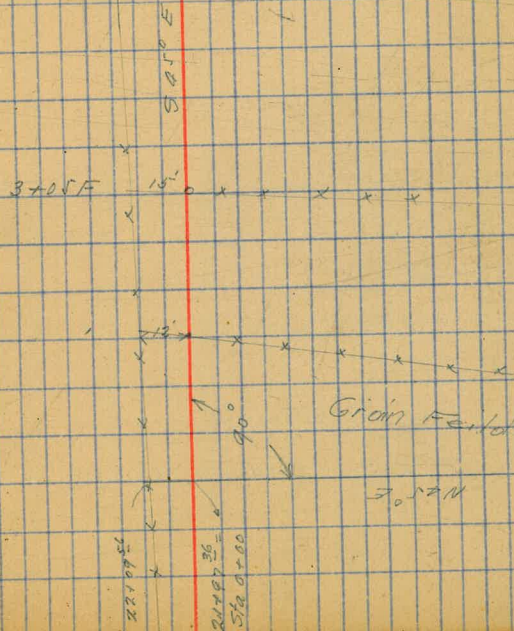
Sta Dett Bear

6+20 Hub A @ W Cor Lot 35 = Sta 00 Running East

3+05 Fence

1+27 Fence

$21+97 \overset{36}{=} \Delta 90^\circ L$   
= Sta 0+00 running south  $45^\circ E$



§ Boundary Lot 35 Running E

March 2  
Weather Fair

7

Sta Defl

Cor.  
Bear.

N 90° East  
East

31+51<sup>E</sup> AR 43° 30'

30+89 Fence

30+18<sup>75</sup> Hub

30+00 Fence

24+00 Hub Pat

16+35 Fence

12+83 Fence

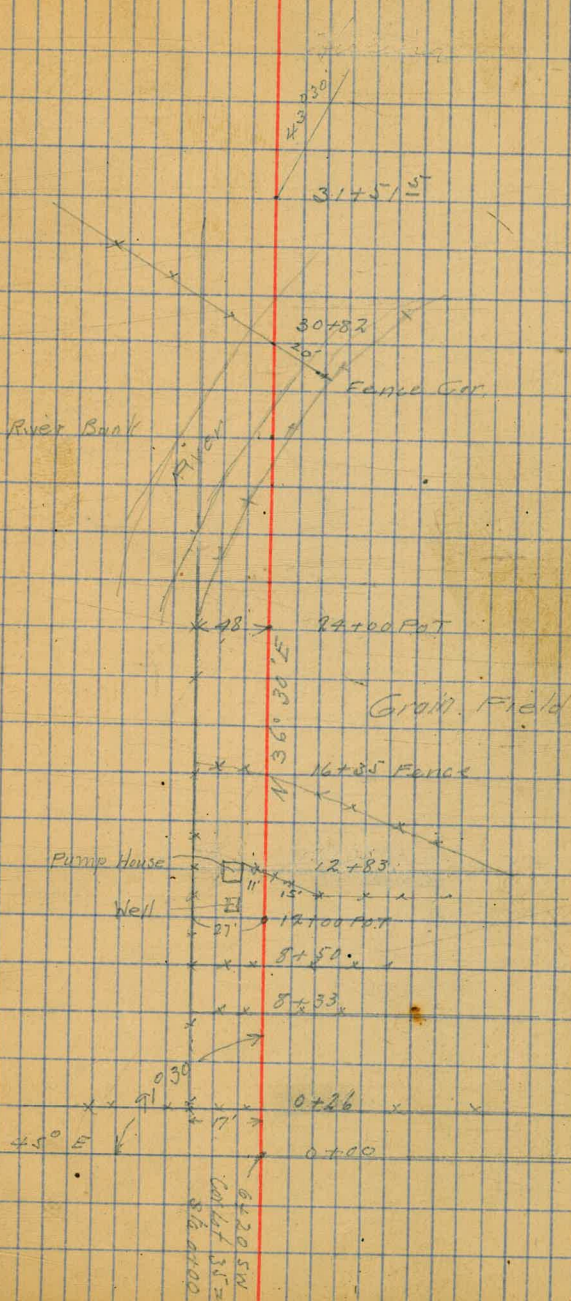
12+00 Hub Pat

8+50 Fence

8+33 Fence

0+26 Fence 17 N to E Cor.

6+20 A 91° 30' = Sta 00 Running E on SB Lot 35



S. Boundary lot 35 Running East

Sta Defl

$\Delta 81^{\circ}33'$

14+86<sup>2</sup> = 28+60<sup>3</sup> S. Boundary

14+42<sup>8</sup> Hub  $\Delta 51^{\circ}17' L$

HUSTON

13+60 Hub

13+10 River Bank

12+60 River Bank

12+25 Fence

11+00 Hub  $36^{\circ}30' R$  65' to Fence Cor.

4+28<sup>2</sup> to a' offset

4+24<sup>2</sup> to line between lots 45 & 46

4+28<sup>9</sup>  $90^{\circ}43'$  to line between lots 45 & 46

3+20<sup>5</sup> Fence

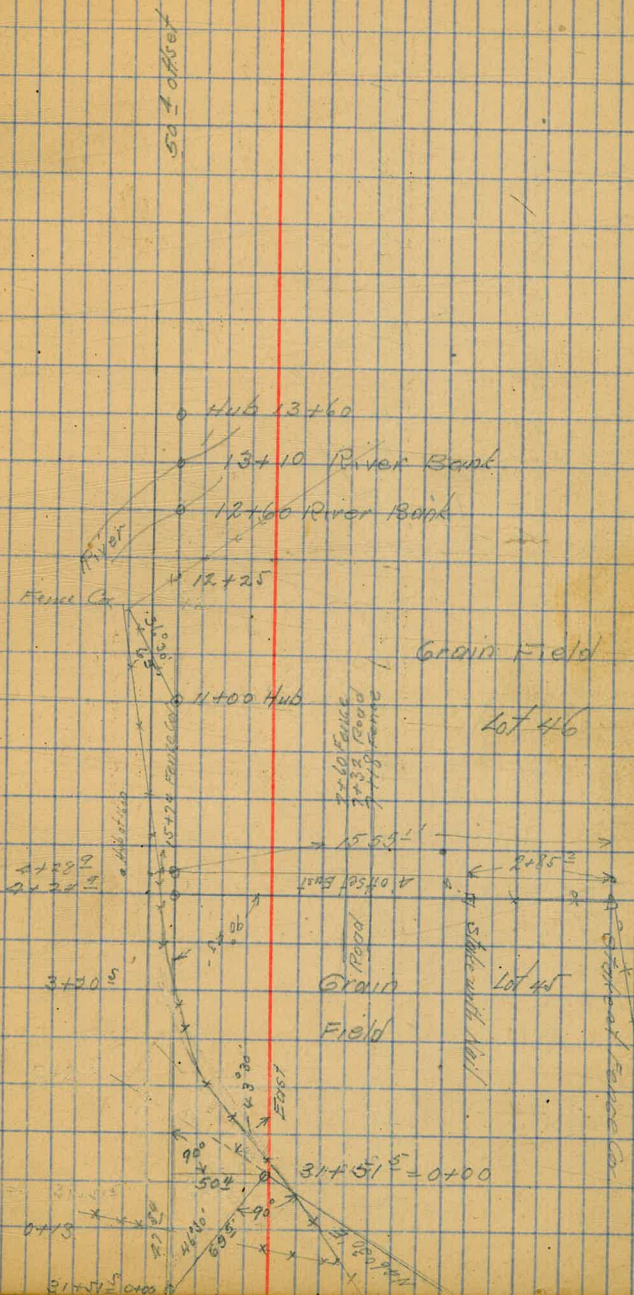
0+13 Fence

31+51<sup>5</sup> = 0+00

$N46^{\circ}30'$

March 22<sup>nd</sup>  
Weather, fair

8



W- Boundary Lot 32

150  
108.01  
71.59

9  
1

1340.8  $\Delta$  108.01"

108  
71.59



North Boundary Lot 35

Sta Dett

29+26 Fence

29+06 Fence

26+25 Fence

25+00 Hub Pt.

23+25 Fence

16+22<sup>5</sup> New Fence

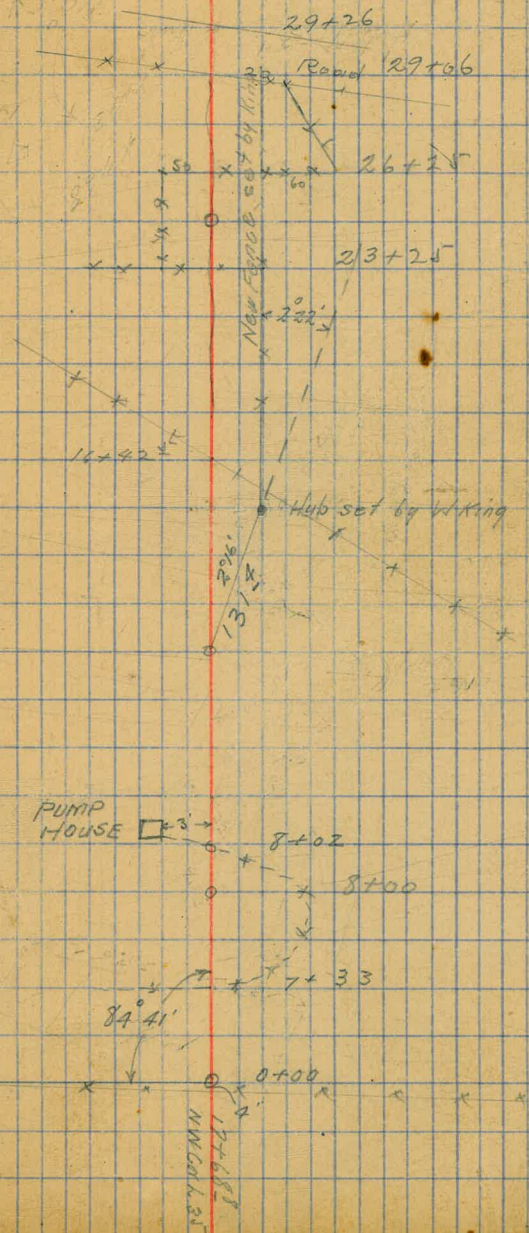
15+00 Hub Pt.

8+02 Fence

8+00 Hub

7+33 Fence

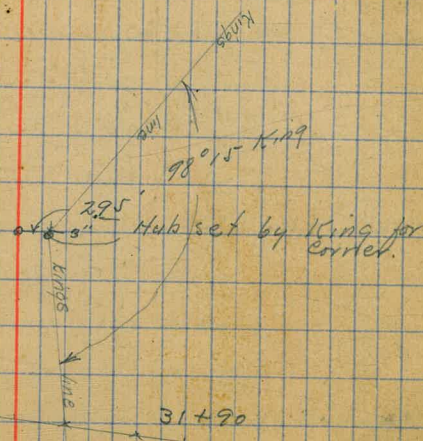
17+68<sup>2</sup> Hub = 0+00 Running East  
 84° 41' from NE Cor Lot 34



34+98° Hub RoT

31+90 Fence.

12



E. line LOT 35"

28+60<sup>0</sup>

28+4<sup>0</sup>

28+4<sup>6</sup> 1" Gas pipe

26+95<sup>3</sup> Fence 22' L TO gas pipe

26+80<sup>4</sup> Fence

26+14<sup>0</sup> POT

17+68<sup>3</sup> POT

15+97 Fence

10+56<sup>6</sup> Hub

9+39<sup>6</sup> Fence

34+98 = 0+00

13

2" gas pipe  
2x2 Redwood Hub

22'

1548'

26+14

139'6" fence



5-1-35

14

6+61<sup>0</sup>

4+08 Fence E-N-H

<sup>= 0+00</sup>  
31+51<sup>1/2</sup> Δ 4'3"30'

23+00 P.O.T.

6+65<sup>0</sup><sub>8</sub> P.O.T.

0+00



Well # 13

24+65 N59°W 90°R DIS 100'

~~# 12~~

~~10+56<sup>1</sup>/<sub>2</sub> N59°W N85°R DIS 700'~~

16

But 10+11 = 73°06' R.

Dist from 12 = 203'

Q#9

10' dia,

55°10' Q old well  
12' Deep

TO center

132'

70

Q8

S-line-of-city Prop in  
LOT "32"

18

22113

$\Delta 89^{\circ}43'$

= 132 more in Lot. Than plot shows

19+07<sup>1</sup>

well  
76+00

well  
5+00

0+00 107<sup>56</sup>

N-BOUNDARY-OF-LOT '32"

19

1983<sup>3</sup>  $\Delta 90^{\circ} 14'$

= 2.3' EXTRO. INT. N-S OF LOT '32"

1680.4

CITY PROP.

991.1

Transit Line on

City Boundary from

S-W-Cor-of-City Property 11207

ANGLE  
L R

29+43.9

28+00<sup>±</sup> P.O.T.

19+36<sup>0</sup> P.O.T.

13+25<sup>0</sup> P.O.T.

6+22<sup>0</sup> P.O.T.

5+09<sup>△</sup> 10°24'

2+66

0+00

20  
"32" EXHIBITION RANCH

MONUMENT 19 S-OF-CENTER OF ROAD 57  
ON-CITY BOUNDARY

Hub-Top-Hill

6x6 CONCRETE MONUMENT

CENTER OF COUNTY ROAD

4x4 POST S.W. COR LOT "6"

	B.S.	H.T.	F.S.	ΣI.P.
B.M.	3.95	394.95		391.00
29+00			8.0	94.0
T.P. 28+00+	0.65	383.45	12.15	382.80
T.P. 27+65	0.74	371.51	12.68	370.77
27+50			9.0	414
T.P. 27+45	1.52	359.94	13.09	358.42
T.P. 27+25	0.70	348.22	12.42	347.52
T.P. 27+10	0.18	335.87	12.53	335.69
27+00			8.1	27.8
T.P. 26+90	1.56	325.19	12.24	323.63
T.P. 270	0.55	313.41	12.33	312.86
26+50			10.0	34
T.P. 26+00	0.45	301.11	12.75	300.66
26+00			1.7	99.4
25+50			11.7	89.4
T.P.	0.93	289.55	12.49	288.62
T.P.	0.99	278.16	12.38	277.17
25+00			4.9	73.3
T.P.	0.62	266.11	12.67	265.49
24+50			9.4	57.7
24+00			20.3	48.8
23+50			13.1	53.0
<del>T.P.</del> 23+00			3.5	62.6
T.P.	0.75	266.38	0.48	265.63
22+50			2.0	44.4

BRASS NAIL - VII - 0013

S-F Adams Rd  
390995

21

Cur b S E Adams Rd

Rock 5' Right of line

Rock 3' Right of line

Rock on line

Rock peg on line

Peg 3' left of line

Railroad spike on line

3' Right Sta 26+34



Sta.	B.S.	H.I.	F.S.	Elev
22+00		266.38	4.5	241.9
21+50			21.0	454
T.P.	0.85	254.66	12.57	253.81
21+00			5.3	494
20+50			9.1	456
20+00			10.4	443
19+50			6.5	483
△ 19+36°			8.05	466
19+00			13.5	412
T.P.	1.87	244.16	12.37	242.29
T.P.	0.69	232.31	12.54	231.62
18+50			7.9	244
T.P.	0.97	220.85	12.43	219.88
T.P.	0.75	208.99	12.61	208.24
18-			7.5	201.5
T.P.	0.43	196.94	12.48	194.51
T.P.	0.32	184.64	12.52	184.32
17+50			3.4	81.0
17-			7.1	77.5
T.P.	0.26	172.13	12.77	171.87
16+50			1.2	70.9
16-			11.8	60.3
15+50			18.3	53.8
15-			12.1	60.0
T.P.	0.24	159.51	12.81	159.27

15957

14+50		14	1579
14-		73	523
13+50		76	519
13+25		6.73	528
13-		8.8	507
T.P.	0.41	147.34	1258 146.93
12+50		11.1	484
T.P.	1.71	136.66	1239 134.95
12-		8.0	287
11+50		12.3	244
11-		20.5	163
10+50		9.3	274
T.P.	0.12	124.14	1264 124.02
10-		36	205
T.P.	4.79	118.40	1253 111.61
9+50		10.5	107.9
9-		16.9	101.5
8+50		17.5	100.9
8-		19.5	98.9
7+50		15.3	103.1
7-		4.0	114.4
6+50		4.07	113.3
6+50		4.7	113.7
T.P.	0.44	106.16	1268 105.72

page 30

West Boundary of P. Lots 1100, 1101, 1102  
Running South from NW Cor 1100  
Points taken from City Engineer's Map of County  
Road Survey North of River

9+33<sup>2</sup> Hub SW Cor PL 1102

26+35<sup>2</sup> Hub Pat

19+73<sup>4</sup> Hub

19+37 S River Bank

18+37 N River Bank

18+00 Hub

13+90<sup>2</sup> Hub

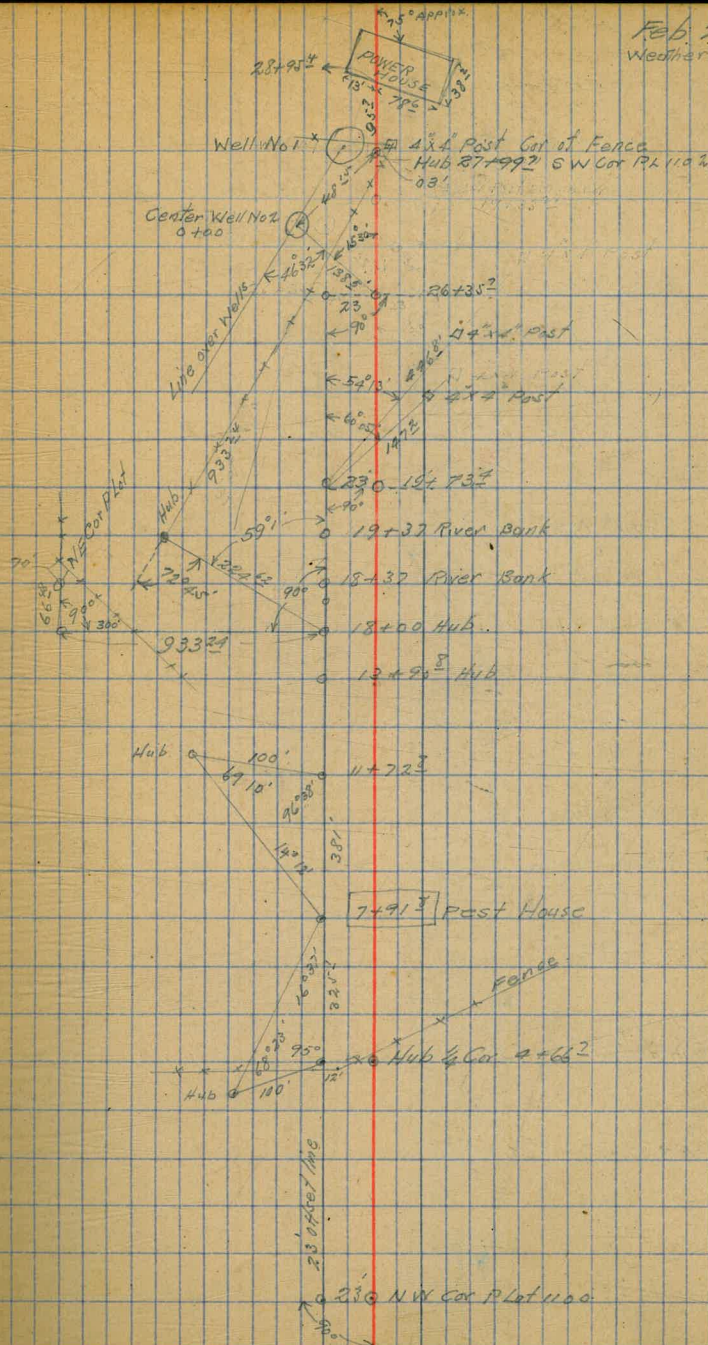
11+72<sup>8</sup> Hub Pt

4+66<sup>2</sup> Hub Pt

4+65 Fence

0+00 Hub

Feb 28 1919  
Weather - Fair  
24



Survey Lot 1102  
Meas. on line of Wells in Lot 1102

3 to Delt

5+97 □ Well No

4+90 Wire Fence

(4+90 Covered Well No 9)

4+30 Fence and drain

4+00 7/8 Well No 8 4" Pipe over Well

3+26 open Well No 7

3

2+54 To open Well No 6 □

1+83 Well No 5 Dist to 4" Pipe over Well □

1+15 Well No 4

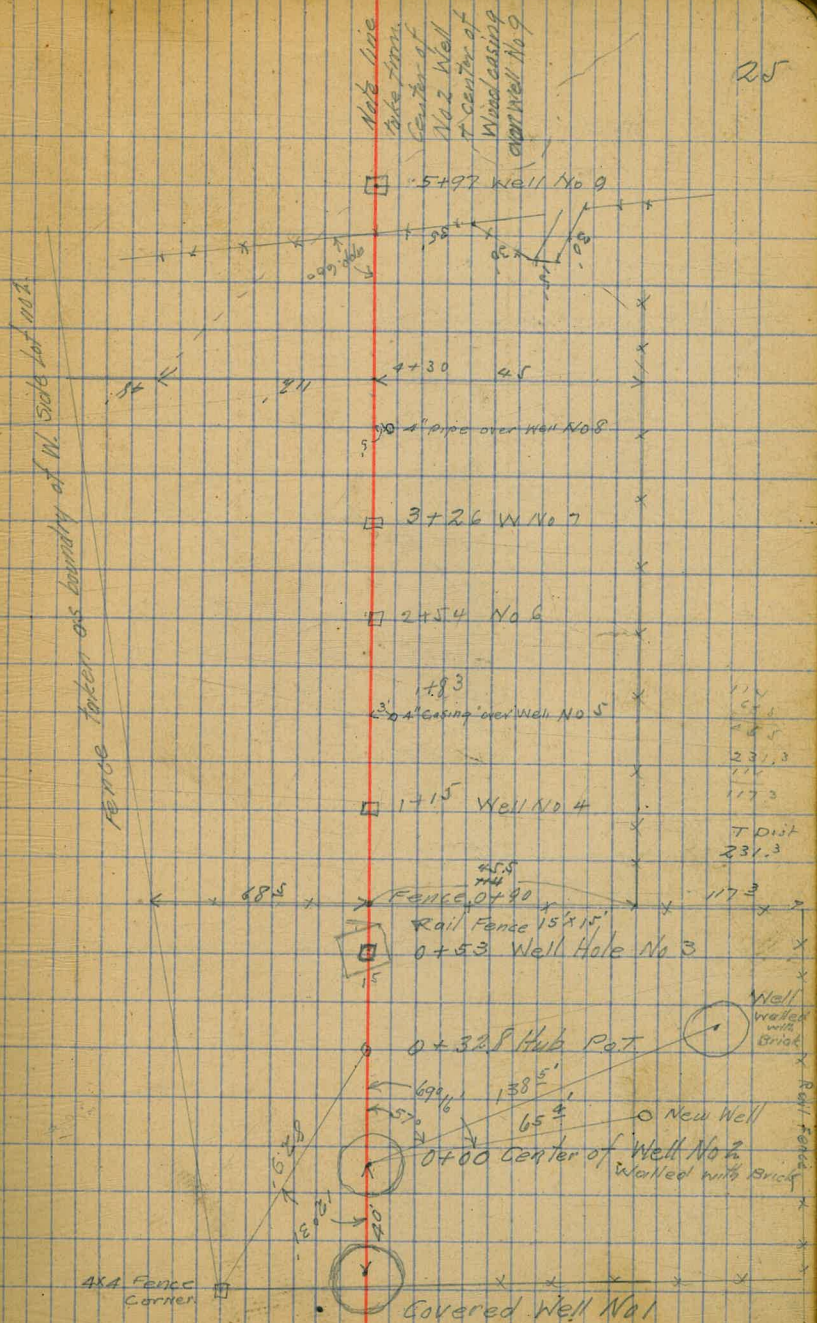
0+90 Rail Fence

0+53 Well No 3

0+328 Hub Pat.

0+00 Center of Well No 2

25



Survey lot 1102

Sta Meas. on line over center of Well's lot 1102

26.

11+53<sup>4</sup> Intersection with North Boundary 1102

10+24<sup>2</sup> Hub

9+41<sup>4</sup> Hub

9+12<sup>2</sup> Hub on Boundary

8+92 River Bank

7+43 River Bank

7+40 hub pit

5+97

North Boundary Lot 1102

10+53<sup>4</sup> Hub.

9+41<sup>4</sup> Hub.

9+12<sup>2</sup> Hub on Boundary

72' 4"

(7+92<sup>2</sup>)

8+92 R Bank

9+40 Well No 10

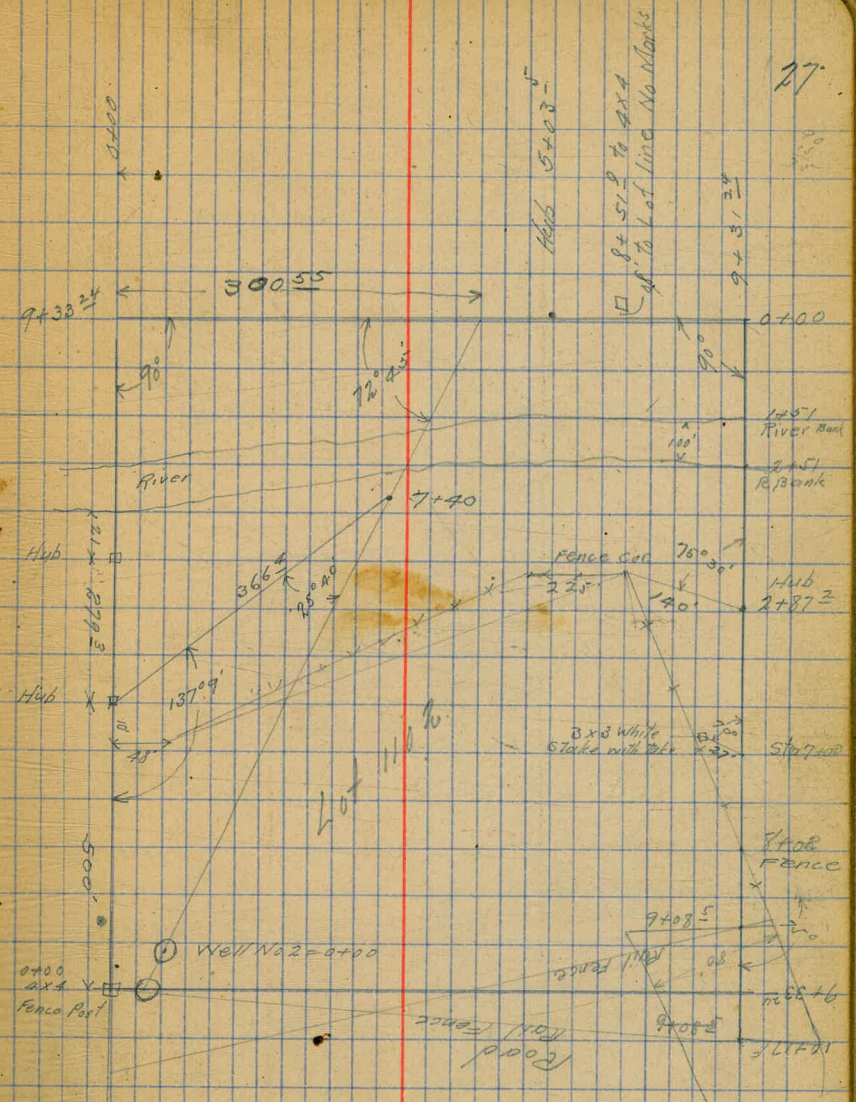
7+43 R Bank

Wells



Sketch of Lot 1102

27



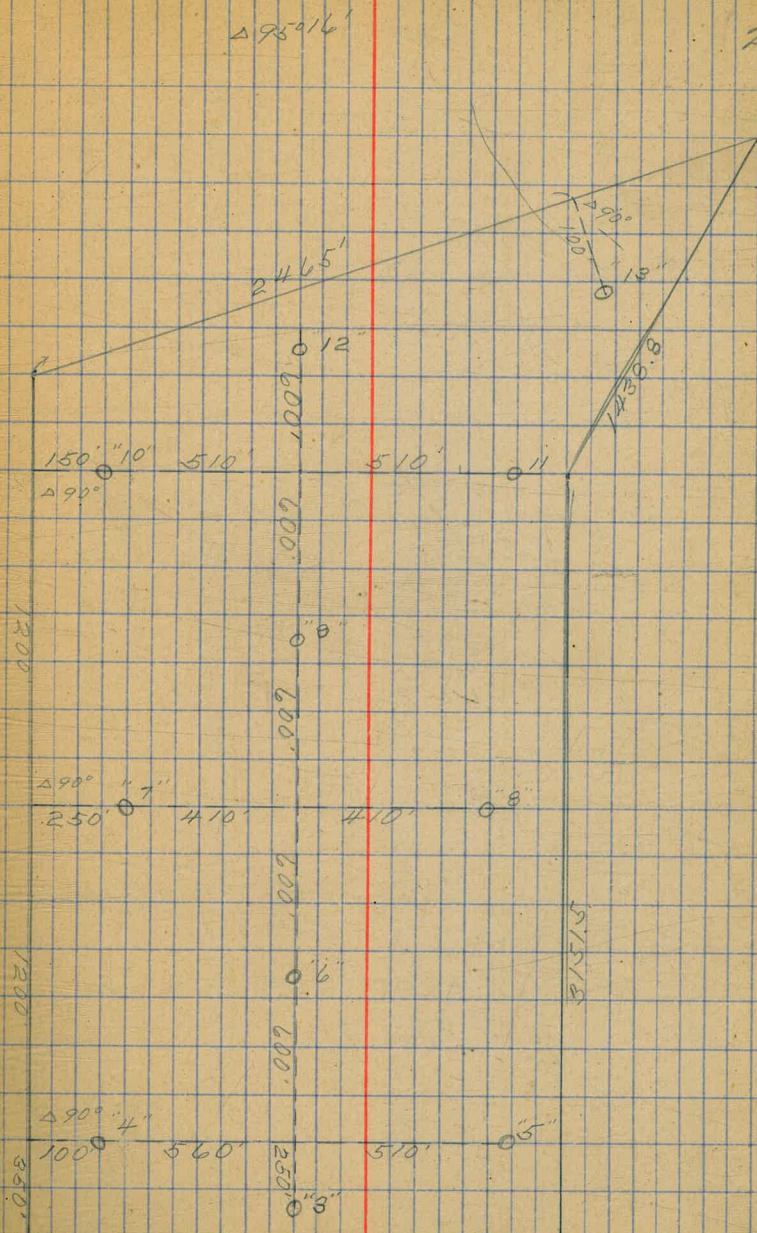
$$\begin{array}{r} 19 \\ \hline 933.24 \\ 9972 \\ \hline 500 \\ \hline 4972 \end{array}$$

$$\begin{array}{r} 893.26 \\ \hline 933.24 \\ \hline 1276.5 \\ \hline 779.5 \\ \hline 4972 \end{array}$$

$$\begin{array}{r} 153.94 \\ \hline 779.5 \\ \hline 933.24 \end{array}$$

Wells 17-LOT "35"

Well #1 R 71° 12' 100.3  
from Hub



Wells on LOT 35 which belong  
on LOT 36

REV 375  
3" pipe 6 H.P. Gas Engine west coast

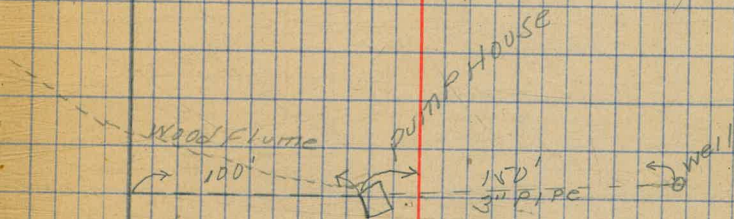
100' 879'

Chewn Wing

4-8-14

29

Lessee say PUMPS RUN  
TWICE-A-WEEK



N-5. LOT 35





10616

6-			3.3	1030
T.P.	1.18	94.60	12.74	93.42
5+50			3.9	90.7
T.P.	0.45	83.54	12.51	83.09
Mon			3.98	78.56
5-			5.6	76.9
4+50			11.9	70.6
T.P.	1.40	71.23	12.71	69.83
4-			3.8	67.4
3+50			6.8	64.1
3-			9.7	61.5
2+50			12.4	58.8
T.P.	1.30	60.03	12.40	58.83
2-			4.0	57.0
1+50			8.7	51.3
T.P.	1.31	48.99	12.35	47.68
1-			8.9	40.1
+50			10.6	38.4
0+80			10.78	38.31

NOV 1-17-1900 ST.

Levels - For wells in Mission Valley

31

B.M.	442	4263		38.21
0-			4.8	37.8
1-			5.1	37.5
2-			4.7	37.9
3-			4.6	38.0
4-			4.6	38.0
5-			4.5	38.1
6-			4.7	37.9
7-			4.0	38.6
8-			3.6	39.0
9-			3.1	39.5
10-			2.7	39.9
Tap	3.13	43.75	3.01	40.62
Well #1			4.9	38.9
Top casing			3.95	40.90
	5.88	44.50		40.62
11-			6.1	40.4
12-			5.6	40.9
13-			5.8	40.7
14-			5.7	40.8
15-			5.0	41.5
16-			4.7	41.8
Well #2			4.5	42.0
17-			4.7	41.8
18-			4.0	42.5

NAVI IN PAST

Tap Sta 10

Ground

Mission Valley Wells

6-29-14  
HUSTON  
Schnedeker

32

46.50

19-			37	42.8
20-			34	43.1
21-			34	43.1
22-			33	43.2
T.P.	483	48.22	310	43.40
Well #3			45	43.7
P.I. #4+5			756	40.56
T.P.	6.69	51.64	337	44.95
Well #4			43	43.0
	870	49.26		
Well #5			54	43.9
		51.64		
Well #6			66	45.0
P.I. #7+8			50	46.6
Well #7			62	45.4
Well #8			43	47.4
T.P. #9	630	55.30	264	49.00
P.I. #10+11			49	50.3
Well #10			61	49.1
Well #12			57	49.5
Well #11	5.91	56.65	446	50.74
Well #13			81	48.5

T.P. 510.32

10 RINCH 200<sup>wide</sup> OR line 80' R.A.

43.9  
8.0  

---

51.9  
39  

---

48.0  
- 1.0  

---

H.W. 47.0

Sta.	B.S.	I.I.	F.S.	Elev.		
B.M.	4.45	42.66		38.21		Nail in Post
0			4.9	37.8	+33.60	+4.3
1			5.1	37.6	33.70	+4.3
2			4.6	38.1	33.90	+4.3
3			4.5	38.2	33.90	+4.3
4 T.P.	4.88	43.02	4.52	38.14	34.00	+4.1
5			4.7	38.3	+34.10	+4.3
6			4.9	38.1	34.43	+3.7
7			4.2	38.8	34.77	+4.0
8			3.9	39.1	35.10	+4.0
9 T.P.	5.75	45.36	3.41	39.61	35.44	+4.3
10			5.4	40.0	35.77	+4.3
11			4.9	40.5	36.10	+4.4
12			4.5	40.9	36.44	+4.5
13			4.6	40.8	36.78	+4.0
14 T.P.	5.78	46.71	4.43	40.93	37.12	+3.8
15			5.2	41.5	37.46	+4.0
16			4.9	41.8	37.80	+4.0
17			4.7	42.0	37.95	+4.0
18			4.2	42.5	38.10	+4.4
19 T.P.	4.75	47.64	3.82	42.89	38.26	+4.6
20			4.1	43.5	38.41	+5.1
21			4.3	43.3	38.57	+4.8
22			4.6	43.0	38.72	+4.3
°	+13		4.5	43.1		

Sta.	B.S.	H.I.	F.S.	Elev.		
23		47.64	4.3	43.3	38.87	+4.4
<sup>+77</sup> Well #3 (Water level)			10.77	36.87		
" " Curb T.P.	2.77	48.30	2.11	45.59	39.00	+4.5
0+50			4.1	44.2	39.13	+5.1
1			3.9	44.4	39.27	+5.1
<del>+48</del>			<del>4.5</del>	<del>43.8</del>		
+50			4.5	43.8	39.40	+4.4
+80			5.6	42.7	36.60	+7.2
+90			7.9	40.4		River Bank
2			7.8	40.5	36.70	+3.8
+50			7.7	40.6	36.80	+3.8
3			7.6	40.7	36.90	+3.8
+50 <sup>T.P.</sup>	7.24	48.08	7.46	40.84	37.00	+3.8
4			7.6	40.5	37.10	+3.4
+50			7.6	40.5	37.20	+3.3
+72			7.6	40.5		River Bank
+80			5.0	43.1		
5			5.2	42.9	37.30	+5.6
+50			4.7	43.4	37.40	+6.0
					40.00	171.11 +3.4
6			4.3	43.8	40.17	+3.6
+50			3.9	44.2	40.33	+3.9
7 T.P.	5.21	49.71	3.58	44.50	40.50	+4.0
+50			4.9	44.8	40.67	+4.1
8			4.5	45.2	40.83	+4.4
<sup>+50</sup> Well #6 (Water level)			11.8	37.91	41.00	

man Hole

River Bank

River Bank

44  
4200

42 3940 sump

39.00 = 12" PIPE

Sta.	B.S.	H.I.	F.S.	Elev.		
8750 Well #6 (Cont)		49.71	4.2	45.5	41.00	+4.5
9			4.4	45.3	41.17	+4.1
+50			4.1	45.6	41.33	+4.3
10			4.0	45.7	41.50	+4.3
+50			3.7	46.0	41.67	+4.3
11 T.P.	5.09	51.24	3.56	46.15	41.84	+4.3
+50			5.6	45.6	42.00	+3.9
12			5.2	46.0	42.17	+3.8
+50			5.3	45.9	42.34	+3.6
13			5.0	46.2	42.50	+3.7
+50			5.0	46.2	42.67	+3.5
14			4.7	46.5	42.84	+3.7
+50 Well #0 Water level (Cont) T.P.	3.55	52.62	11.27	39.97	43.00	
			2.17	49.07		+6.1 Comb
15			6.1	46.5	43.22	+3.3
+50			5.9	46.7	43.43	+3.3
16			5.9	46.7	43.55	+3.1
+50			5.2	47.4	43.87	+3.5
17			5.4	47.2	44.29	+2.9
+50			5.7	46.9	44.30	+2.6
18			5.5	47.1	44.72	+2.4
+50			5.1	47.5	44.73	+2.8
19			4.7	47.9	45.15	+2.7
+50			4.6	48.0	45.17	+2.8
20			4.1	48.5	45.39	+3.1

Sta.	B.S.	H.I.	F.S.	Elev.		
20						
Well (plumb)		52.82	2.77	49.85	+45.60	+4.3
21	T.P.	5.58	54.49	3.71	48.91	45.70
	+50		5.0	49.5	45.80	+3.7
22			5.0	49.5	45.90	+3.6
	+50		4.9	49.6	46.00	+3.6
23			4.6	49.9	46.10	+3.8
	+50		5.1	49.4	46.20	+3.7
24			4.7	49.8	46.30	+3.5
	+50		4.6	49.9	46.40	+3.5
25			4.5	50.0	46.50	+3.5
	+50		4.1	50.4	46.60	+3.8
			4.4	50.1	46.70	+3.4
5 Well +50	T.P.	6.06	56.21	4.34	50.15	+46.80
			5.5	50.7	46.91	+3.8
	+50		5.5	50.7	47.02	+3.7
28			5.1	51.1	47.15	+4.0
	+50		5.3	50.9	47.24	+3.7
29			5.0	51.2	47.35	+3.9
	+50		4.8	51.4	47.46	+3.9
30			5.0	51.2	47.57	+3.6
	+50		4.9	51.3	47.68	+3.6
31			4.9	51.3	47.79	+3.5
	+50		4.5	51.7	47.90	+3.8
Well (plumb)			15.02	41.19	+48.00	<del>47.9</del>
	T.P.		0.74	55.47		+7.5

Water Level 40.59

Water Level 98.

Sta.	B.S.	I.I.	F.S.	Elev.
26 + 50 T.P.	6.07	56.22		50.15
27 + 11 T.P.	5.17	55.85	5.54	50.68
+ 50			5.0	50.8
1			5.3	50.5
+ 50			5.2	50.6
2 + 50			5.3	50.5
+ 50			5.1	50.7
3			4.5	51.3
+ 50			4.4	51.4
4			3.8	52.0
+ 50			2.8	52.0
5 T.P.	5.79	57.0	3.74	52.11
+ 50			5.6	52.4
			5.0	52.9
+ 50			5.3	52.6
7			5.0	52.9
+ 50			5.2	52.7
+ 95	5.35		5.3	52.6
8			7.1	50.8
+ 5			9.8	48.1
+ 50			11.3	46.6
+ 59			8.0	49.0
9 T.P.	5.25	58.21	5.04	52.80
+ 50			4.8	53.4
10			4.4	53.8
+ 50			5.5	52.7



Sta.	B.S.	I.I.	F.S.	Elv.
11		58.21	4.7	53.5
+50			4.6	53.6
12			5.5	52.7
△ 10+12.1	4.83	57.89	5.15	53.06
+40			5.1	52.8
+50			9.0	46.9
+55				47.0
13			10.7	47.2
+50			10.9	47.0
14 T.P.	7.05	55.00	9.94	47.95
+50			6.7	48.3
15			5.0	50.0
+50			6.3	48.7
16			4.4	50.6
+50			6.4	48.6
17			6.4	48.6
11+12(12+45)			6.28	48.72

Sta.	B.S.	H.I.	F.S.	Elev.
4 (Main line) <sup>T.P.</sup>	4.98	43.12		38.14
Well #1 (Water Level)			9.12	34.00
" Curb			2.07	41.05
1			5.0	38.12
2			4.7	38.4
3			4.7	38.4
+21 <sup>z</sup>			5.0	38.1

Intersection of Main Line

14 (Main line) <sup>T.P.</sup>	5.64	46.57		40.93
Well #2 (Water Level)			10.73	35.84
" Curb			2.43	44.14
1			4.6	42.0
2			4.6	42.0
+88 <sup>z</sup>			4.7	41.9

Intersection of Main Line

3 + 50 <sup>T.P.</sup>	8.43	49.27		40.84
Well #5			5.27	44.00
1			3.7	45.6
2			5.0	44.0
3			5.0	44.3
4			4.7	44.6
+68			6.0	43.3

Sta	B.S.	H.I.	F.S.	Elev.
4+73			8.9	40.4
5			8.4	40.9
+10			8.7	40.6

River Bank  
 Intersection of Main Line

3+50 <sup>TP</sup> (Main Line)	7.16	48.00		40.84
0+111.4			5.61	42.4
0+40			5.4	42.6
0+52			8.9	39.1
1+00			9.2	38.8
+18			6.8	41.2
+70			6.0	42.0
+85			9.2	38.8
2			6.4	41.6
+47			7.1	40.9
+59			4.9	43.1
3			4.2	43.8
4			4.7	43.3
+27			5.2	42.8
+39			7.3	40.7
5			7.5	40.5
+60			7.4	40.6

River Bank  
 Intersection of Main Line

Sta	B.S.	H.I.	F.S.	Elev.
B.M. (Old Wall)	6.57	57.25		50.68
T.P.	5.36	57.29	5.92	51.93
+50			5.40	51.89
1			5.2	52.1
2			5.2	52.1
3			4.7	52.6
4			4.8	52.5
5 T.P.	5.22		4.33	52.96
(Wall No. 11)			5.0	53.2
7			5.2	53.0
8			5.2	53.0
9 T.P.	5.49		5.11	53.07
+85			4.9	53.7
10			9.0	49.6
+20			5.1	53.5
+30			5.0	53.6
+40			11.0	47.6
+70			9.8	48.8
+75			5.1	53.5
11			4.8	53.8
12 (Wall No. 13)			4.5	54.1

#1" Well

B.M.	430	42.88	38.58		
Curb			2.14	40.74	36.00 CUT 4.74
1-			4.75	38.13	35.38 " 2.75
2-			4.73	38.15	34.75 " 3.40
3- Tee					" 0.00
+30 Tee			8.89	33.99	34.00

Well #2"

B.M.	470	41.55	41.85		
Curb			2.39	44.16	39.70 C 4.46
1			4.57	41.98	39.47 C 2.51
2			4.49	42.06	39.23 C 2.83
3- Tee			4.17	42.38	39.00 C 3.38

Well # (New Well Station #2)

B.M.	488	45.41	40.53		
0			4.86	40.55	38.00 C 2.55
1			4.98	40.49	37.55 C 2.94
2			4.96	40.15	37.11 C 3.04
3 Tee				36.67	36.67

San Diego W. Co to City of S. Diego  
 System of Water Works including  
 entire distributing systems, reservoirs  
 all laid pipe, pumping plants, wells, flumes  
 conduits etc etc also all property real  
 or <sup>in the opinion of the City</sup> ~~personal~~, and the right to take  
 water therefrom etc etc

Description

Lot 3 Block 420 - Block 420 of Old  
 San Diego & Pl 1102 & all streets condemned  
 in case of San Diego & Coronado W. Co vs Santee  
 entered Dec 17 1886 in Superior Court

All of that part of lot 1 in Block 447  
 of Old San Diego described as follows

Commencing at a point situated on  
 the line of Mason Street 20 ft from the  
 cor. of lot 1 in B 447 of Old San Diego  
 thence to the west corner of said lot.  
 thence south to south cor. of lot thence to  
 west corner of said lot and thence to the  
 point of beginning, which piece of land  
 is on exhibit filed with complaint in the  
 case entitled the San Diego & Cos. W. Co vs Milton  
 Santee numbered 897 in superior court marked B

Also that portion of Lot 3 in Block  
 447 of Old San Diego described

Commencing at west corner thereof  
 thence to south corner thereof thence  
 90 ft along south boundary of said lot  
 and thence to beginning - on exhibit  
 in case marked E

All of lot 4 in B 447, lots 2 3  
 and 4 in B 448 of Old San Diego and  
 Lot 1 in B 467

Also 4 acres of land on easterly line  
 of Pueblo lot 1104 - commencing  
 at the south easterly corner of lot 1104  
 according to Prob's map of Pueblo  
 lands of City of S. Diego - running thence  
 in a northerly direction along easterly  
 line of lot 1104 - 20 chains thence at  
 right angles westerly two 2 chains  
 thence southerly parallel to east line of  
 1104 - 20 chains to southerly line of lot 1104  
 thence at right angles easterly along  
 said southerly line to beginning

Also 1 acre on SW cor. of Pueblo lot 102  
 beginning at SW cor. of lot 102 northerly  
 208.56 ft on boundary of lots 102 & Pl 66  
 thence right angles easterly 208.56 ft  
 thence right angles south 208.56 ft

thence right angles west 208.56  
to beginning (with reservoir site & etc.

Also land beginning at  
NW cor of Plot 190 east 660 ft more  
or less along north boundary of lot  
to the easterly line of NW  $\frac{1}{4}$  of Plot 190  
thence southerly 132 ft thence westerly  
660 ft more or less parallel to N. boundary  
of lot 190 to west line of P. lot 190  
thence northerly 132 ft to beginning  
Excepting a strip of land 30 ft wide  
off from the westerly end of Plot 190  
reserved for a public highway

Also Block 122 University Heights

" Lot 4 Block 464

" " 4 " 544

" Lot 3 " 449 of old San Diego

" Lots 1, 2, 3, 4, " 213 of Middletown

" 25, 26, " 91 Morse Addition

Also all water rights on lands  
in Mission valley including all  
rights which said first party has  
to enter upon said land and to

49  
sink wells thereon and to take  
and use water therefrom and  
all rights whatsoever of the said  
party of the 1st party in & to the  
following described lands in  
Mission valley to-wit: Pueblo lots  
1103, 1106, 1107, 1108, 1109, 1120  
together with all wells, machinery  
etc. Also all rights to the flow  
of the stream arising by virtue  
of the filing of a notice of appropriation  
and the appropriation of the water  
of the San Diego river including all  
rights & privileges acquired by  
the said party of 1st party in & to or under  
that certain notice of appropriation  
of the water of S.D. River filed in  
County Rec Office Nov 15 1899 in Book  
3 of Miscellaneous Records at page 316  
also all rights filed Nov 27 1899 Book  
3 Miscellaneous records page 317.  
also all rights filed Nov 25 1899 Book 3  
page 269.  
all rights filed March 25 1899 Book 3  
Miscellaneous records page 271

also all rights of way, licenses  
privileges which party of 1st part  
has exercised or used, or has right  
to exercise or use.

Auxiliary Plant No. 1. Plot 1104 - 28 drive wells  
" " No 2 on P. lot 1106 - 25 drive wells  
" " 3. " " 1106 - 28 " "  
" " 4. " " 1107 - One open well  
timbered 10x10x33 + engine  
Auxiliary No 5 - 2 open wells timbered  
10x10x42 and 5x5x32 + 33 drive wells  
Auxiliary plant Coatis Well on P. lot 1102

also Blocks 363, 470, 498 + lot 1  
block 446 of old San Diego

The Pueblo lots herein mentioned  
are according to the map made  
by James Pascoe on file office City  
Clerk + Office of Recorder

The blocks mentioned in Old San Diego  
are according to map made by  
Chas. H. Poole on file in City Clerks office

45  
The blocks herein mentioned in  
Middleton are according to  
map by J. E. Jackson on file  
in office of county clerk



Jw Section to City of San Diego  
Grant Ded lot 35 of El Mission  
Rancho according to Partition Decree  
+ map of said Juan M Lugo et al vs  
the Commercial Bank of San Diego  
containing  $140 \frac{47}{100}$  acres

No mention of water rights

+ Sec of SWMP

47

B.M.	45.3	42.73	38.21		
S.E. #2		5.0	37.7	34.6	C3.1
inside		5.3	37.4		
N.E. cor #2		5.4	37.1	34.6	C3.5
inside		5.8	36.9		
inside N.W.		5.8	36.9		
N.W. cor		3.4	40.3	41.0	F0.7
10' E (1)		5.8	36.9		
Δ W.S. #2 inside		4.4	39.3	34.4	C3.7
S.W. #2		0.8	41.9	41.0	C0.9
inside		5.1	37.6	N.W. side	
on same SW		5.2	37.5		
" " " S.E.		5.2	37.5		
N.E. #1		4.9	37.8	34.6	C3.3
inside		4.9	37.8		
N.W. #1		1.8	40.9	41.0	F0.1
inside		5.1	37.6		
27 N-2. 4 N.W.		5.3	37.4	S.W. side	
" " " " N.E.		5.0	37.7		
S.E. #1		3.9	38.8	34.6	C4.3
inside		4.5	38.7		
18' W. 5		4.7	38.0		
18' W. 4		4.4	38.3		
T.P.	13.10	55.79	0.04	42.69	

SUMAS

5845

S.W. #1	7.2	51.3	41.0
35' E	4.8	51.7	
17' "	4.6	51.9	
17' N	7.8	50.7	
14' E	7.6	50.9	
S.W. inside	13.1	45.4	34.60
50' N	10.1	48.4	

C103

#2

2-01. West	13.5	45.0	41.0
31' E	13.4	44.9	

C40

S.W. of Howe  
B.M.

130 0 5730

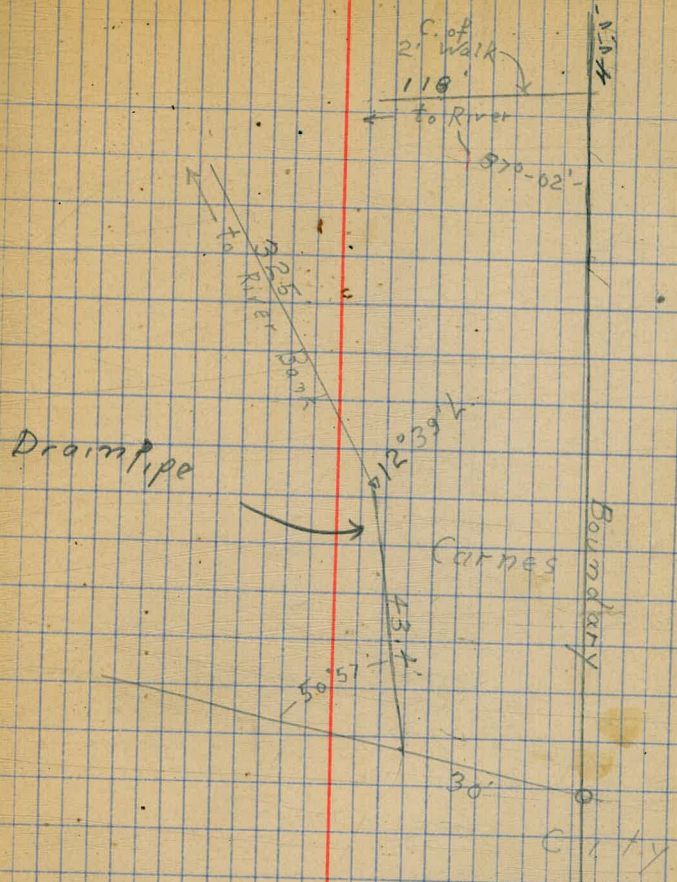
PUMP HOUSE

5579

N.E. COR		11.2	44.6	47.00	-34	
S.E. " 30'	T.P.	58.45	0.39	55.40	47.00	+84
S. S. OF PORCH		214				
S.E. PORCH		158				
S.W. "		150	56.95	47.00	+10.0	
" " Bldg		188				
N.W. "		394	54.51	47.00	+7.5	
42' E		5.1				
38' N of S.E. COR		4.8				

130' Hoop Pile

49



Wells on Lot 1109

Sta.	+	H.T.	-	Flev.	Grade
B.M.	5.57	42.54		36.97	
7+78			7.74	34.80	33.50
7+50			3.9	38.64	33.54
7	4.22	41.83	4.93	37.61	33.60
6+50			4.60	37.23	33.44
6			6.1	35.73	33.73
5+50			4.2	37.63	33.79
5			5.6	36.23	33.85
4+50			5.1	36.73	33.91
4			5.5	36.33	33.97
<del>3+75</del>					<del>34.00</del>
<del>3+50</del>			5.2	36.63	<del>34.00</del>
<del>3</del>			7.0	34.59	31.44
2+50			8.5	33.33	31.73
2			7.4	34.43	31.83
1+50			7.0	34.83	31.92
1			6.1	35.73	32.01
00+50			6.7	35.13	32.10
00 TP	3.92	42.25	3.50	38.33	33.90
<del>+50</del>			4.4	37.85	34.07
<del>1</del>			4.1	38.15	34.14
<del>+50</del>			4.4	37.85	34.21
<del>2</del>			4.3	37.95	34.39
<del>+50</del>			4.5	37.75	34.36
<del>3</del>			4.5	37.75	34.44
<del>+49</del>			4.7	37.55	34.50

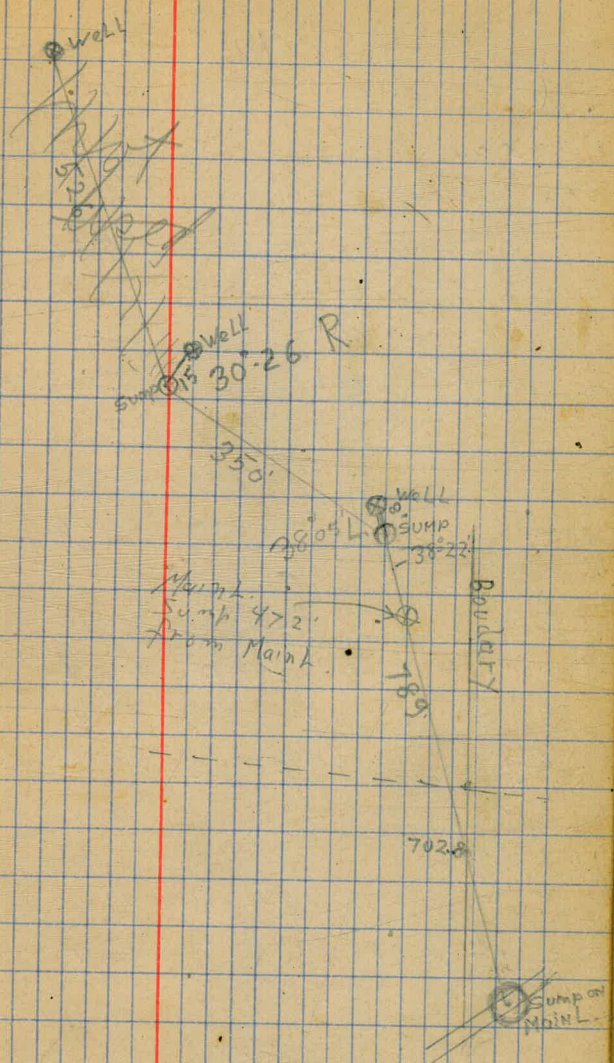
Monument N.W. Cor City Property  
 End of pipe 11<sup>th</sup> to dump on Main Lane

Found at 1<sup>st</sup> Well

Found at 2<sup>nd</sup> Well

Wells on Lot 1109 (Cont.)

Sta	B.S.	H.I.	F.S.	Elev		
B.M.	613	43.10		36.97		
Sump First Well			4.3	38.8	34.00	4.8
0+50			4.6	38.5	34.07	4.4
1-			4.8	38.3	34.14	4.3
1+50			5.3	37.8	34.21	3.6
2			5.2	37.9	34.28	3.6
+50			5.4	37.7	34.35	3.4
3			5.6	37.5	34.42	3.1
Sump 2nd Well + 50 TF	4.85	41.73	6.22	36.88	34.10	2.38
4			5.7	36.5		
+50			5.1	36.6		
5			5.1	36.6		
+50			5.1	36.6		
6			5.7	36.0		
+50			5.7	36.0		
7			6.1	35.6		
+50			6.8	34.9		
8			6.4	35.2		
+50			6.5	35.2		
3rd Well + 76			6.5	35.23		



Levels to B.M.s at Wells

Sta.	+	H. I	-	Elev.
B.M.	4.75	41.72		36.97
B.M. Well #10			4.96	36.76
Pt. on Sump #19 T.P.			0.00	41.72
	6.54	44.05	4.21	37.51
B.M. Well #9			4.71	39.34
Pt. on Sp. #9			0.00	44.05
" " #8 T.P.			0.00	44.05
	5.31	46.92	2.64	41.41
B.M. Well #8			5.42	41.49
Pt. on Sp #7			0.00	46.92
B.M. Well #7			4.53	42.39
Pt. on Main Sump #7 T.P.			0.00	46.92
	5.33	48.91	3.34	43.58
B.M. Well #6			4.83	44.08
T.P.	3.85	48.53	4.23	44.68
Main Line Sp. S. Bank Riv.			0.00	48.53
Main L. Sump N. Bank Riv. T.P.			0.00	48.53
	5.36	50.94	2.95	45.58
B.M. Well #5			5.73	45.21
Main L. Sp. at Well #4 T.P.			0.00	50.94
	5.44	52.21	4.17	46.77
B.M. Well #4			5.27	45.94
T.P.	5.37	54.42	3.16	49.05
B.M. Well #3			5.11	49.31
Main L. Sump at Well #2			0.00	54.42

Schoedsack  
Fisher  
4-21-15

53

Men. N.W. cor City Prop.

Note All B.M.s at Wells on  
floor at right jamb of Pump  
house door, when not other-  
wise noted.



Sta	+	H.T.	-	Elev.
T.P.	5.26	55.84	3.84	50.58
B.M. Well #2			5.04	50.80
Sub. of #1			0.22	55.62
T.P.	3.67	55.92	3.59	52.25
B.M. Well #1			3.96	51.96

B.M.	4.87	41.84		36.97
Pt. on Sp #11			00.0	41.84
T.P.	4.57	43.14	3.27	38.57
B.M. Well #11			4.24	38.90
Pt. on Sp #12			0.00	43.14
T.P.	4.31	41.77	5.68	37.46
B.M. Well #12			4.23	37.54

B.M.	4.52	41.49		36.97
Pt. on M.L. Sp			0.00	41.49
Pt. on M.L. Sp			0.00	41.49
Near Body				

Cor. Mon.

On S.E. cor Pump Foundation.

On N.E. cor Pump Foundation.

Cor. Mon.

## Elevations, Top of Sumps.

55

Sump	Elev. of Datum	Top of Sp. Above Pt.	Elev. Top of Sp.
# 1. Mainl.	55.62	0.00	55.62
# 2. Mainl.	54.42		
# 4. Mainl.	50.94		
N. Bank River Mainl.	48.59		
S. Bank Riv. Mainl.	48.53		
Sump # 7. Mainl.	46.92		
# 7.	46.92		
# 8.	44.05		
# 9.	44.05		
# 10.	41.72		
# 11.	41.84		
# 12.	43.14		
Mainl. Near Boundary	41.49	4.59	46.08
Mainl. Near # 11.	41.49	5.71	47.20

Latest Mission Valley Plowing

May 15 '15

Sta DIST Hor. <

IN

	183	
20+52.5	406	64°22'
16+46.5	437.5	144°52'
12+09	619	133°41'
5+90		161°30'
1+30	460	128°20'
0+00	130	87°26'
	#1	
26+38=0+00		
23+65	273	95°00'
15+56	809	181°58'
12+96	260	106°47'
11+85	111	93°58'
6+60	525	140°45' 39-15
4+00	260	204°29'
0+00	400	77°00'

Party:  
Brunde  
Maxon  
O'Brien

REST 1870

MISS

SIDEWALK



## Well 50' from Boundary

Sta.	B.S.	H.I.	F.S.	Elev.		
B.M.	3.86	42.07		38.21		
0			6.27	35.80	34.40	01.4
+50			4.39	37.68	34.45	3.23
1			5.12	36.95	34.50	2.45
+50			4.85	37.22	34.55	2.67
2			4.79	37.28	34.60	2.68
+50 <sup>T.P.</sup>	3.73	41.69	4.17	37.90	34.65	3.25
3			4.10	37.59	34.70	2.83
+50			5.29	36.40	34.75	1.65
4			5.03	36.60	34.80	1.80
+50			5.35	36.28	34.85	1.43
5 <sup>T.P.</sup>	4.76	41.11	5.28	36.35	34.90	1.45
+50			4.50	36.61	34.95	1.66
6			4.35	36.76	35.00	1.76
+50			3.41	37.70	35.05	2.65
B.M.			4.14	36.97		

Top of 24" pipe

Curb  
Cor. monument

## Well opp. 43 Sump

0	10.67	49.62		38.95	38.95	
+50			4.36	45.26	39.00	6.26
1			5.01	44.11	39.05	5.56
+50			4.67	44.95	39.10	5.85
2			5.06	44.56	39.15	5.41
+50			5.08	44.54	39.20	5.34

Intersection of Sump

Sta	B.S.	H.I.	F.S.	Elev
		49.62		
53	4.05	47.76	5.97	48.25 39.25
+50	4.5	43.04	6.75	42.87 39.30
4	3.79		8.64	40.98 39.35
+13			8.05	41.57 39.37
16	5.53		3.3	4.13
20		43.92		42.26
23	3.2		5.5	
27			1.7	
31	5.13	42.5	3.2	
35		41.5		
39		51.5		
43		47	3.2	42.2
47			8.52	
51		50.0		
55				
59				
63		51.4		
67				
71				
75				
79				
83				
87				
91				
95				
99				

4.70  
3.57  
1.63  
2.20/Nett

# Check Levels

Sta	B.S.	H.I.	F.S.	Elev	
B.M.	4.65	42.86		38.21	
4 T.P.	4.95	43.04	4.77	38.09	38.14
8 T.P.	5.79	44.92	3.91	38.13	
12 T.P.	4.87	45.66	4.13	40.79	
16 T.P.	5.53	47.36	3.83	41.83	
20 T.P.	4.96	47.92	4.40	42.96	
Curb Well #3 T.P. 23+77	3.06	48.55	2.43	45.49	45.53
B.M.			4.14	44.41	
3 T.P.	7.97	48.08	7.84	40.71	
7 T.P.	5.13	49.83	3.38	44.70	
B.M. T.P.	4.55	51.15	3.23	46.60	
Curb Well #6 8+50			5.44	45.71	45.5
12+50 T.P.	5.28	51.54	4.89	46.26	
Curb Well #7 T.P. 17+50	2.65	51.87	2.32	49.22	
B.M.			5.52	46.35	
17+50 T.P.	5.98	53.00	4.85	47.02	
Curb Well #9 T.P. 20+50	4.69	54.70	2.99	50.01	
B.M.			4.28	48.72	
23+50 T.P.	5.60	53.14	5.16	49.54	
B.M. T.P.	5.85	56.14	4.85	50.29	
29+50 T.P.	4.72	56.19	4.67	51.47	
Curb Well #10 31+95			1.10	55.09	
B.M.			4.25	51.94	

Nail in Post

Nail in Tree 30' S. of Well #3

Nail in Stump 20' W of Well #6

Stake 25' S. of Well #0

Stake 28 S. of Well #9

Stake 25' S. of Well #12

Dist from  
Preceding Hub. Defl.

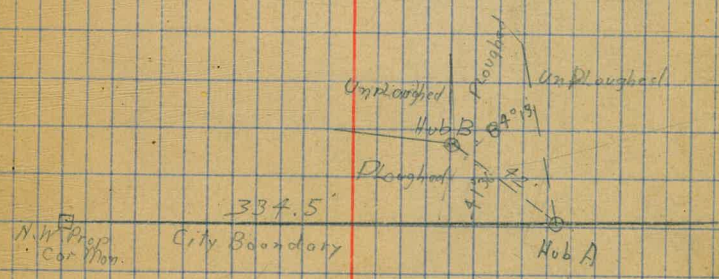
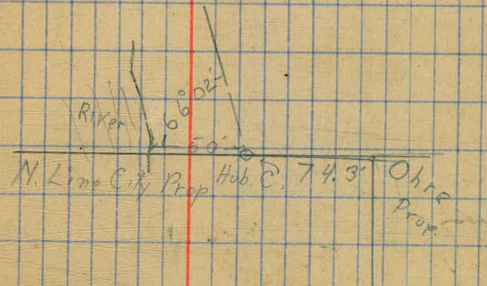
122.2 S.E. cor. old Ferrari Lot  
 322.5 70°50'R 30'L. to River  
 369.8 P.O.T. on River Bank 226.2 to S.W. cor. old Ferrari Lot  
 225.4 21.50L 25L to River  
 227.3 25°25'L 25L to River  
 °C 00 56'L to Riv-74.3 E of Ohre Prop. Cor. on N. Line City Prop.

Line Around Unploughed Patch

108.4 to Hub B  
 155.5 57°07'R  
 128.4 94°22'R  
 208.0 96°51'R  
 °B 00 29°40'L

Line around Unplowed Patch

540.2 55°56' 42' S. to S.W. Prop. Cor. on Boundary  
 127.5 136°55'R  
 77.7 29°07'L  
 75.3 29°46'R  
 124.3 03°22'L  
 °A 60 324.5 S. of N.W. Prop. Cor.  
 84°13' to Boundary

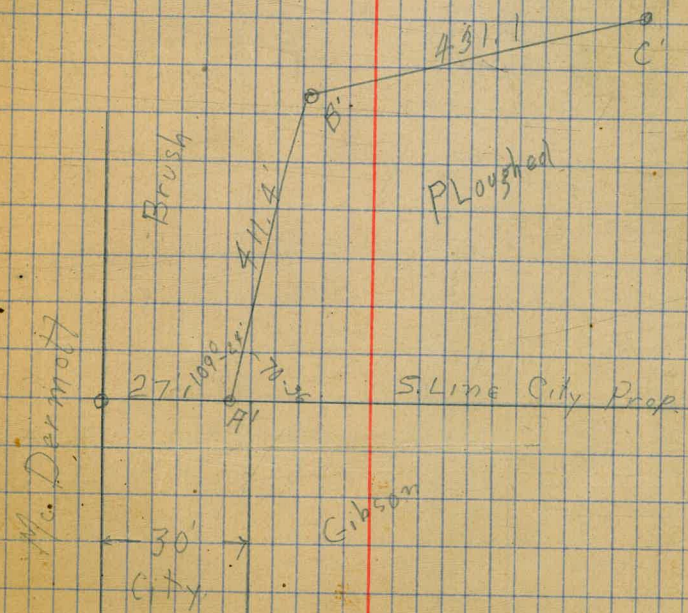


Line around Plowed Area

Hob

Defl

H'°	Defl	Description
		P.O.T on River Bank
G <sup>Δ</sup> 570	13°40' L	40' N. to River
F <sup>Δ</sup> 7351.9	23°11' L	75' N. to River
E <sup>Δ</sup> 245.9		P.O.T 80' N. to River
D <sup>Δ</sup> 100.0	123°40' R	40' N. to River Bank
C <sup>Δ</sup> 168.5	79°05' L	
B <sup>Δ</sup> 434.1	70°23' R	
A <sup>Δ</sup> 411.4		
A <sup>Δ</sup> 27		27' L at 109°24' cor on McDermott Prop Line





Hub. Defl.

B<sup>1</sup> A 22° 45' R

A<sup>1</sup> A 71° 10' R

End

M<sup>1</sup> 2291.5 W to A on S Line City Prop. 100' E. of

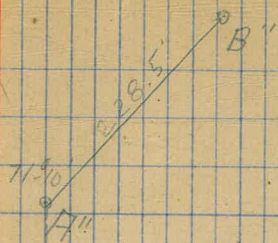
42.

40° 00' R 15' N to River Bank

K<sup>1</sup> P.O.T. on River Bank

J<sup>1</sup> P.O.T. on River Bank

I<sup>1</sup> P.O.T. 15' S. to River Bank



176.5

Well # 1. Center Line of Board Walk  
 Old Sta. 31 + 9.5  
 Line of Wells

Line of Wells

Hub	Defl.	
760.8		
J <sup>A</sup> 385.	13° 05'	8' S. T. R.
H <sup>A</sup> 322	15° 36' R	5' S. T. R.
G <sup>A</sup> 209.6	22° 55' L	8' S. T. River
F <sup>A</sup> 297.4	17° 37' L	5' S. T. River
E <sup>A</sup> 215.3	47° 47' R	on River Bank
D <sup>A</sup> 290.2	92° 05' R	200' S. to N. Bank of Riv.
C <sup>A</sup> 334.3	23° 39' L	

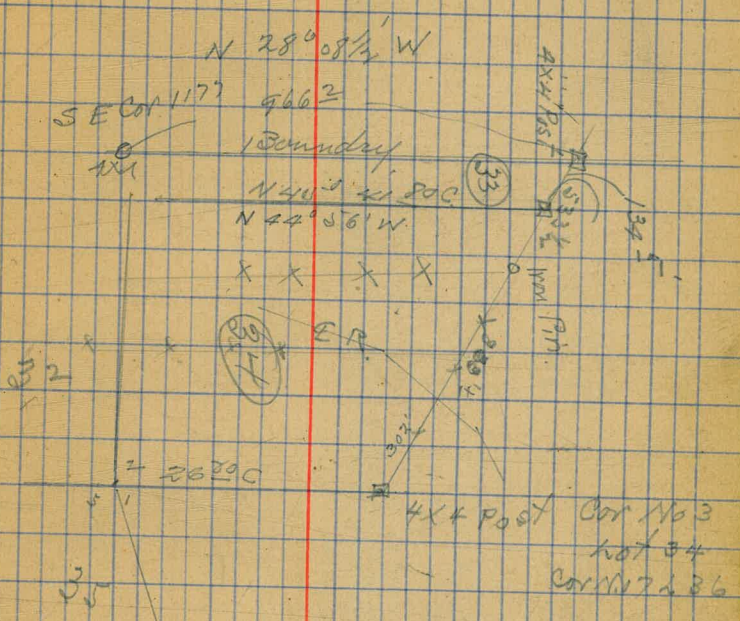
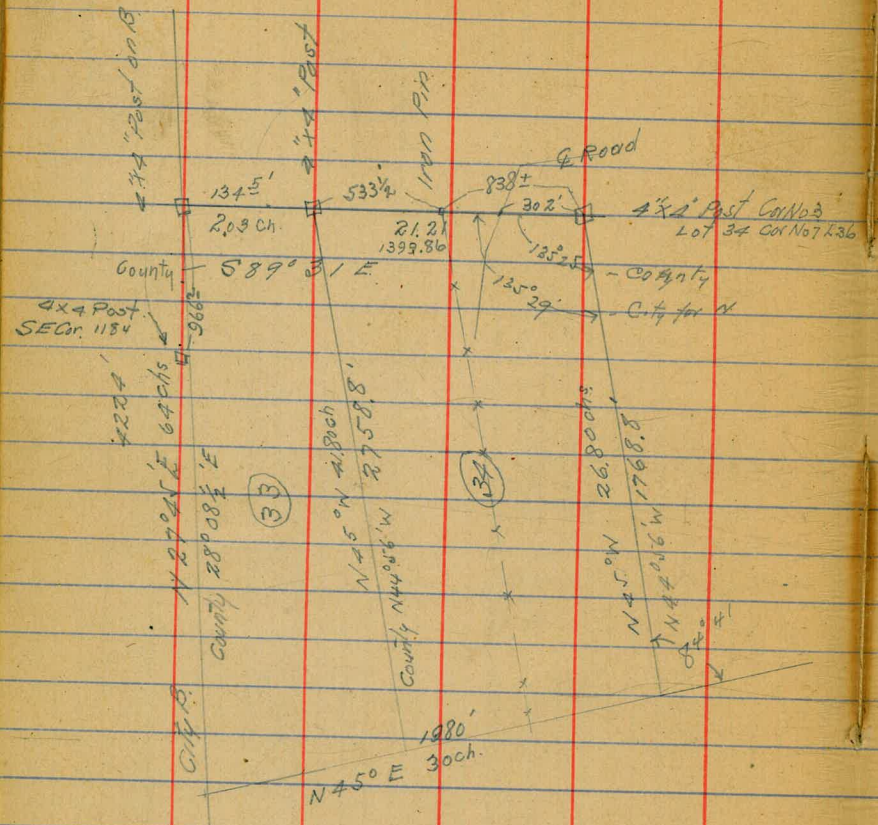
4 K<sup>11</sup> 8696  
 141.25 R. - 91.4 to Sidewalk opp. Well 114

1505 to R.

17.58 R. 37' S to River

91.4 to 50  
 opposite Center





May 25 1905

67

James H Searl to Nellie J Gibson  
Commencing at a post at corner  
3, lot 28 also marked Lot 31 corner  
running thence east 13 chains  
and 50 links to a post marked Lot 31  
corner 2 thence north 40 chains  
to a post marked Lot 31 corner 3  
thence South  $46^{\circ}30'$  west 47  
chains and 75 links to a post  
marked Lot 31 corner 5 thence  
north  $45^{\circ}$  east 10 chains to the  
place of beginning and contain  
 $74\frac{26}{100}$  acres and being Lot  
31 of Rancho Ex Mission all  
as per plat of Partition said  
Ex Mission Rancho made  
under decree of Superior Court  
dated January 7<sup>th</sup> 1885  
said plat filed in office of  
County Clerk of the County of San Diego  
of Calif

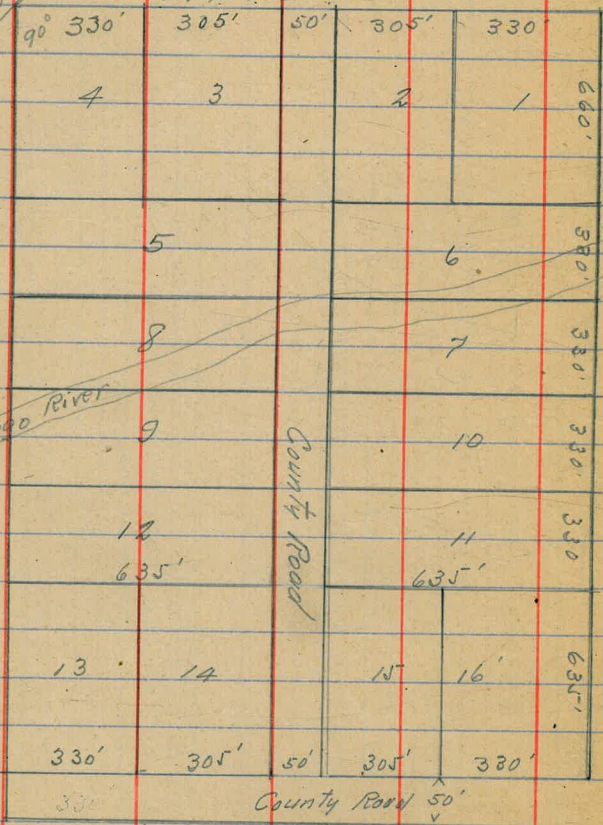
West 1/2 of Plot 1106

Map No 103 C.R. Office  
Surveyed Nov 1883

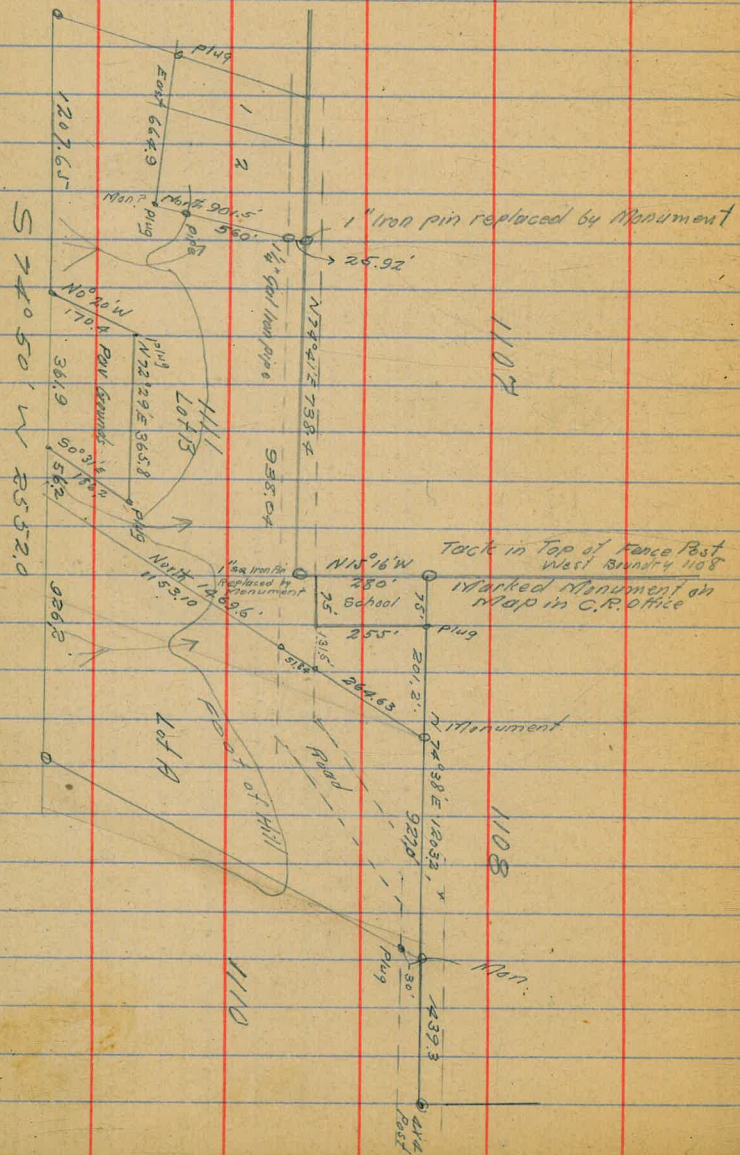
68

Meridian  
Twp = 1820 E

N 74° 30' E 1320'



Surveyed by W M Purmsey  
Declin.  $14^{\circ}45' E$



Land Lease

To John Travers by deed from  
Andrew Ferraro wife recorded  
in Book 440 page 154

South  $51^{\circ}01'$  west 286.3 to  
east line of land conveyed to  
John Traver. thence north  $31^{\circ}10'$   
west 691.45 to S. easterly line  
of the land conveyed to City  
by deed recorded in Book 373  
page 475 thence north  $45^{\circ}$  east  
along said S. line 937.4 ft  
to E line of lot 2. thence S.  $25^{\circ}$  east  
935.9 ft to begin



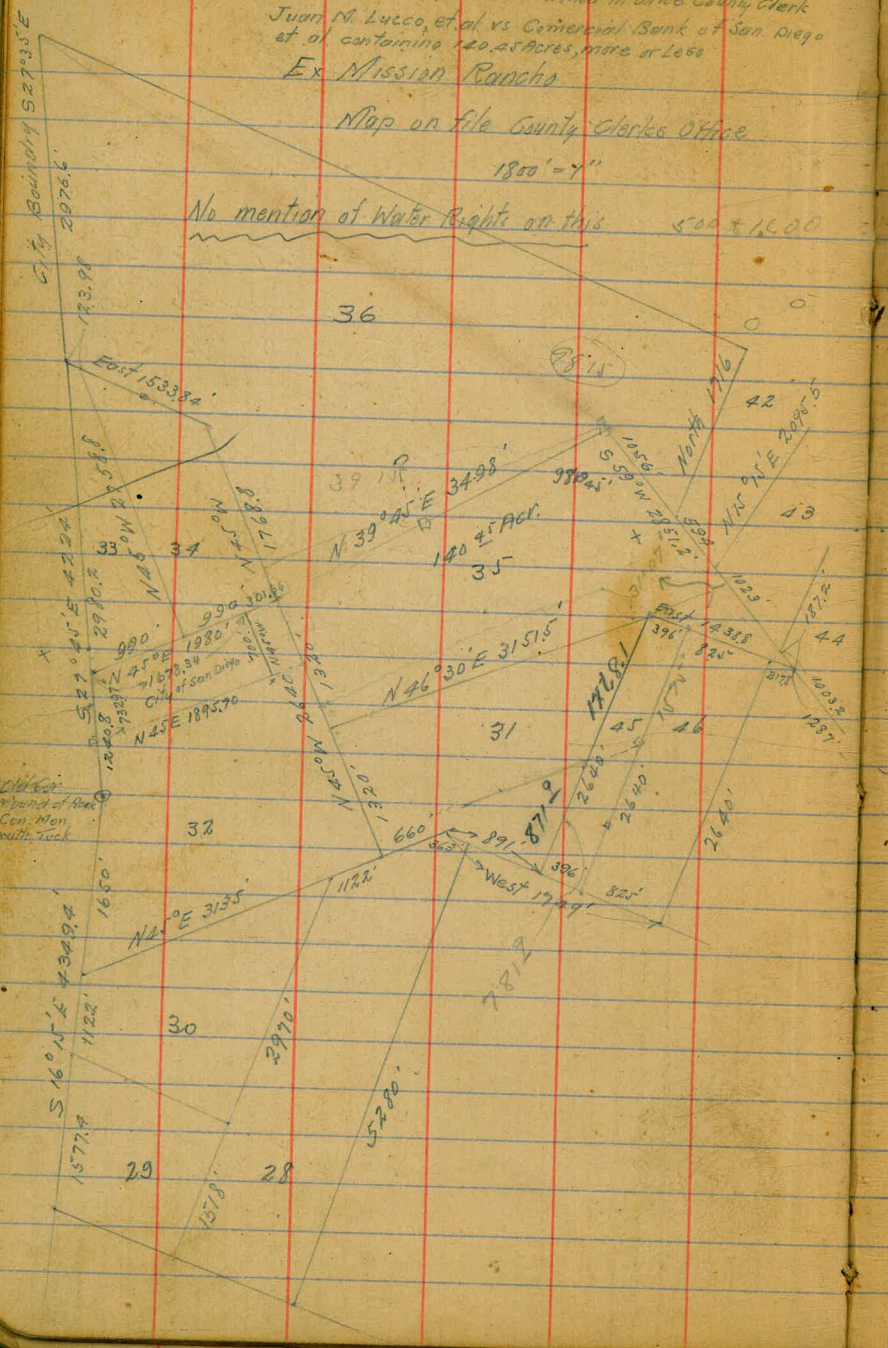
Setton Tract, so called Lot 32 Ex Mission Rancho of S.P. according to the  
 Lease Partition decree & Map entered & filed in Alameda County Clerk  
 Juan M. Lycco, et al vs Commercial Bank of San Diego  
 et al containing 120.25 Acres, more or less  
 Ex Mission Rancho

Map on file County Clerks Office

1850' - 7"

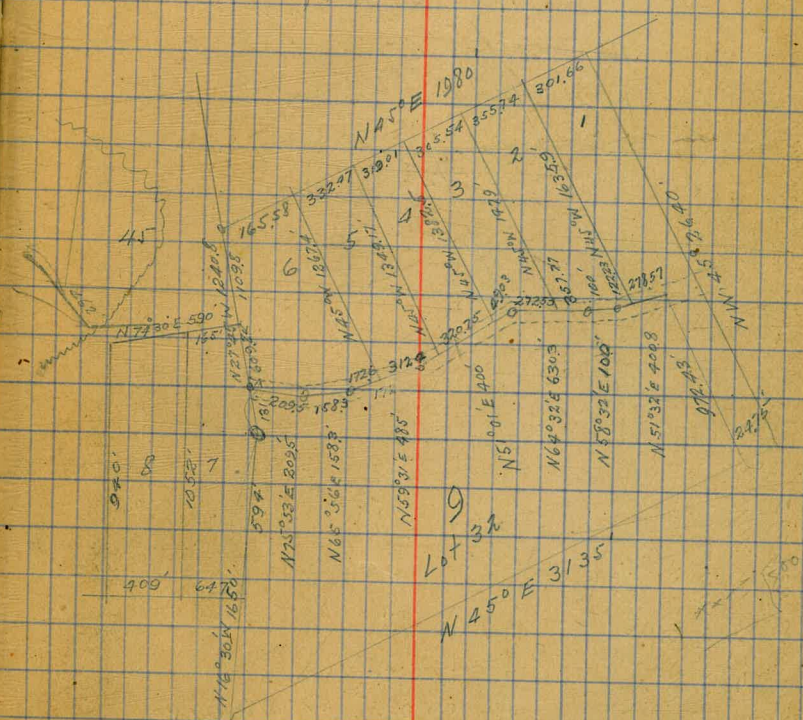
No mention of Water Rights on this 500 x 1600

36

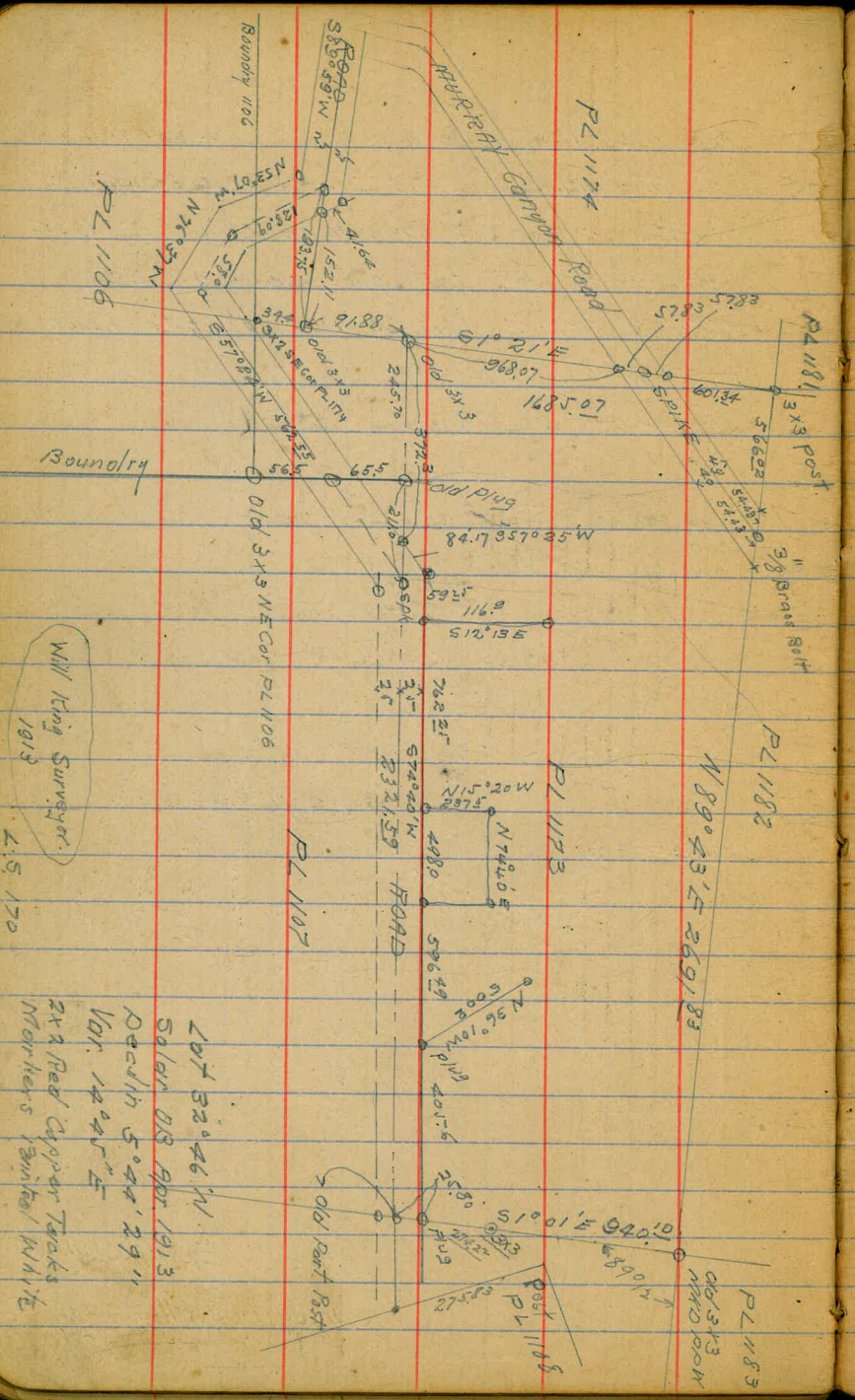


70  
 Lot 32 No Mention of Water Right

Commencing at West Cor of Lot 32 of Ex Mission  
 Rancho according to Partition Map of same on file  
 in office of County Clerk in case of Lycco et al, vs  
 Commercial Bank et al thence North 45° East  
 1678.34 thence south 45° E 700' thence south  
 45° West 1895.70; thence North 27° 45' West 732.97  
 to point of beginning



Lot 32 Ex Mission Rancho  
 Survey by G.H. Hammount CE  
 1899



Wm King Surveyor  
1913  
215 170

Lat 32° 46' N  
Solar D.R. Apr. 1913  
Declin 5° 44' 29"  
Lon. 120° 25' E  
2 x 2 Red Copper Tacks  
Markers Painted White

D.B. 449 P.336 Daniel Meyer Strip of land  
25' wide along N. line of NE 1/4 PL 1107 according to  
official Map or plat surveyed by City Eng - Map  
being contained in that certain Document No 23274  
filed in office City Clerk May 20, 1918 - For Public Road

D.B. 449 P.337 Lizzie Blythe Strip of land through  
Pueblo lots 1106, 1123, 1124 Surveyed by City Eng Map  
being contained in Doc No 23274 filed in office of City Clerk  
May 20, 1918 Public Road

D.B. 449 P.338 E.J. Allen - Strip of land through  
Plots 1123, 1124, 25' in width - - - - Same as above

D.B. 440 P.361 Daniel Meyer Strip of land along  
N.E 1/4 of PL 1107 according to official Map of  
Pueblo Lands of City of San Diego Map on file  
in office of County Recorder - Prof W for Pipe Line

D.B. 449 P.3

San Diego & Coronado Water Co  
To San Diego City July 31 1901  
Deed B. 311 Page 454

Grant Deed to San Diego City  
Feb 20 1904

D.B. 339 Page 374  
Lot 35 Seltan Grant Ex Miss Rancho

Delfino Grant Deed to City S.D.  
Oct 14 1905

D.B. 373 Page 475  
Lot 32 Ex Miss Rancho

DIRECTIONS FOR USE OF TABLES

TABLE No. 1

Distance of slope stake from side or shoulder  
stake for any width roadway, slope 1% to 1.  
If ground is nearly level, the cut or fill at side  
stake is located by the double entry method in  
left column and top row. The number in body  
of table in same row and column gives distance

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  
with divided by twice the radius.

(52)

20  
100

96.40

$$\begin{array}{r}
 4320 \\
 25720 \\
 \hline
 285120
 \end{array}$$

$$\begin{array}{r}
 300 \overline{) 178648} \\
 \underline{900} \\
 88648 \\
 \underline{27000} \\
 61648 \\
 \underline{20400} \\
 41248 \\
 \underline{12400} \\
 28848 \\
 \underline{8640} \\
 20208 \\
 \underline{6060} \\
 14148 \\
 \underline{4248} \\
 9908 \\
 \underline{2988} \\
 6920 \\
 \underline{2076} \\
 4844 \\
 \underline{1452} \\
 3392 \\
 \underline{1017} \\
 2375
 \end{array}$$

1278

$$\begin{array}{r}
 1240.8 \\
 \underline{783} \\
 507.8
 \end{array}$$

$$\begin{array}{r}
 30.5720 \\
 \underline{5087} \\
 24.4843
 \end{array}$$