71

K&E

FIELD BOOK

W 360

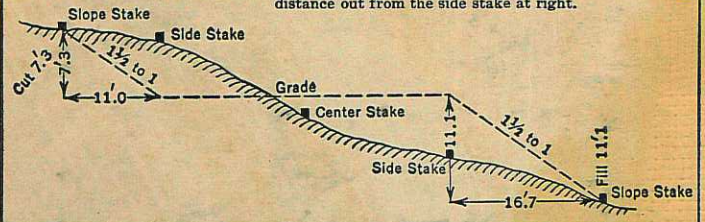
71

1949-2

DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING

Roadway of any Width. Side Slopes 1½ to 1.

In the figure below: opposite 7 under "Cut or Fill" and under .3 read 11.0, the distance out from the side stake at left. Also, opposite 11 under "Cut or Fill" and under .1 read 16.7, the distance out from the side stake at right.



Cut or Fill	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	Cut or Fill
	Distance out from Side or Shoulder Stake										
0	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	0
1	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	1
2	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.4	2
3	4.5	4.7	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.9	3
4	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4	4
5	7.5	7.7	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.9	5
6	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.4	6
7	10.5	10.7	10.8	11.0	11.1	11.3	11.4	11.6	11.7	11.9	7
8	12.0	12.2	12.3	12.5	12.6	12.8	12.9	13.1	13.2	13.4	8
9	13.5	13.7	13.8	14.0	14.1	14.3	14.4	14.6	14.7	14.9	9
10	15.0	15.2	15.3	15.5	15.6	15.8	15.9	16.1	16.2	16.4	10
11	16.5	16.7	16.8	17.0	17.1	17.3	17.4	17.6	17.7	17.9	11
12	18.0	18.2	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.4	12
13	19.5	19.7	19.8	20.0	20.1	20.3	20.4	20.6	20.7	20.9	13
14	21.0	21.2	21.3	21.5	21.6	21.8	21.9	22.1	22.2	22.4	14
15	22.5	22.7	22.8	23.0	23.1	23.3	23.4	23.6	23.7	23.9	15
16	24.0	24.2	24.3	24.5	24.6	24.8	24.9	25.1	25.2	25.4	16
17	25.5	25.7	25.8	26.0	26.1	26.3	26.4	26.6	26.7	26.9	17
18	27.0	27.2	27.3	27.5	27.6	27.8	27.9	28.1	28.2	28.4	18
19	28.5	28.7	28.8	29.0	29.1	29.3	29.4	29.6	29.7	29.9	19
20	30.0	30.2	30.3	30.5	30.6	30.8	30.9	31.1	31.2	31.4	20
21	31.5	31.7	31.8	32.0	32.1	32.3	32.4	32.6	32.7	32.9	21
22	33.0	33.2	33.3	33.5	33.6	33.8	33.9	34.1	34.2	34.4	22
23	34.5	34.7	34.8	35.0	35.1	35.3	35.4	35.6	35.7	35.9	23
24	36.0	36.2	36.3	36.5	36.6	36.8	36.9	37.1	37.2	37.4	24
25	37.5	37.7	37.8	38.0	38.1	38.3	38.4	38.6	38.7	38.9	25
26	39.0	39.2	39.3	39.5	39.6	39.8	39.9	40.1	40.2	40.4	26
27	40.5	40.7	40.8	41.0	41.1	41.3	41.4	41.6	41.7	41.9	27
28	42.0	42.2	42.3	42.5	42.6	42.8	42.9	43.1	43.2	43.4	28
29	43.5	43.7	43.8	44.0	44.1	44.3	44.4	44.6	44.7	44.9	29
30	45.0	45.2	45.3	45.5	45.6	45.8	45.9	46.1	46.2	46.4	30
31	46.5	46.7	46.8	47.0	47.1	47.3	47.4	47.6	47.7	47.9	31
32	48.0	48.2	48.3	48.5	48.6	48.8	48.9	49.1	49.2	49.4	32
33	49.5	49.7	49.8	50.0	50.1	50.3	50.4	50.6	50.7	50.9	33
34	51.0	51.2	51.3	51.5	51.6	51.8	51.9	52.1	52.2	52.4	34
35	52.5	52.7	52.8	53.0	53.1	53.3	53.4	53.6	53.7	53.9	35
36	54.0	54.2	54.3	54.5	54.6	54.8	54.9	55.1	55.2	55.4	36
37	55.5	55.7	55.8	56.0	56.1	56.3	56.4	56.6	56.7	56.9	37
38	57.0	57.2	57.3	57.5	57.6	57.8	57.9	58.1	58.2	58.4	38
39	58.5	58.7	58.8	59.0	59.1	59.3	59.4	59.6	59.7	59.9	39
40	60.0	60.2	60.3	60.5	60.6	60.8	60.9	61.1	61.2	61.4	40

KEUFFEL & ESSER CO., N. Y.

For Curve Tables see end of book

206
10
10300

The paper in this book **No. 360**
is made of **100%** high grade rag stock
with a **WATER RESISTING** surface sizing.

1

1949-2

1

REGISTERED PROFESSIONAL ENGINEER
513
STATE OF IDAHO
EUGENE SCHAUB

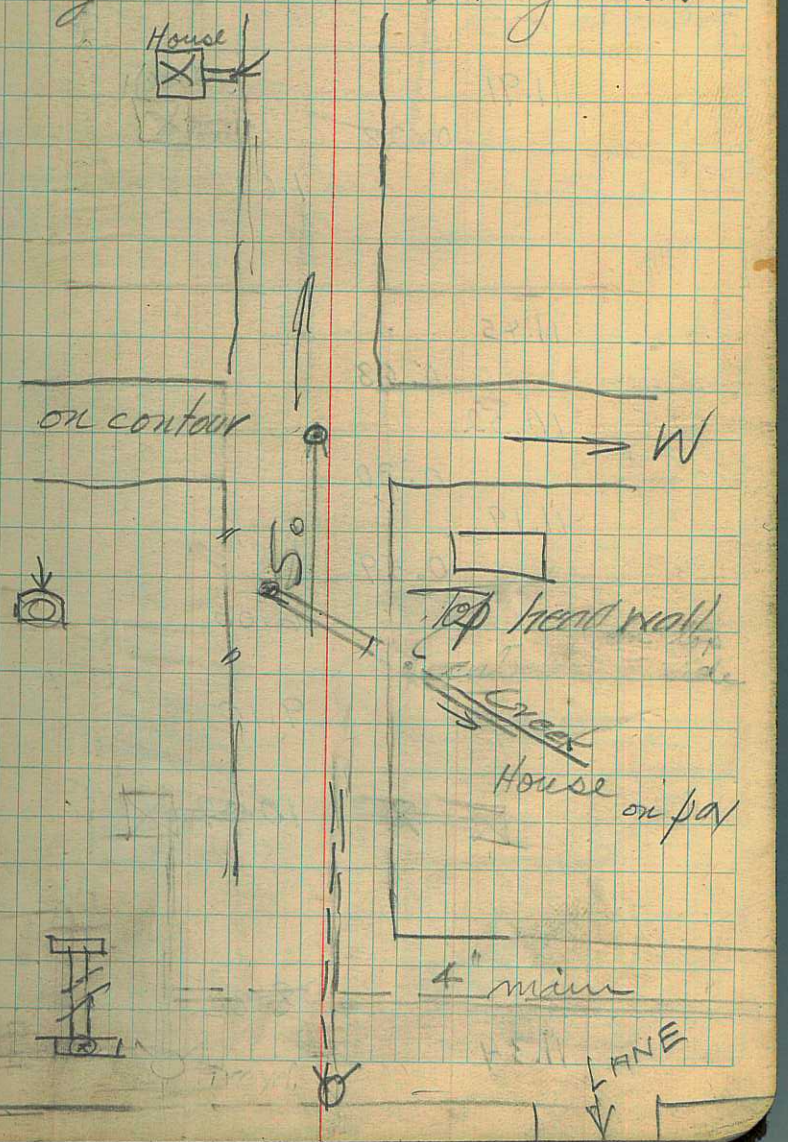
Logan Utah

	BS	FS	HI	Elev.
		0.55		
			6.22	
	11.51			
		0.28		
	11.35			
		0.58		
	11.23			
		0.73		
			0.95	
			8.25	
			~~8.25~~	
	12.00			
		0.84		
			5.08	
	11.45			100.00

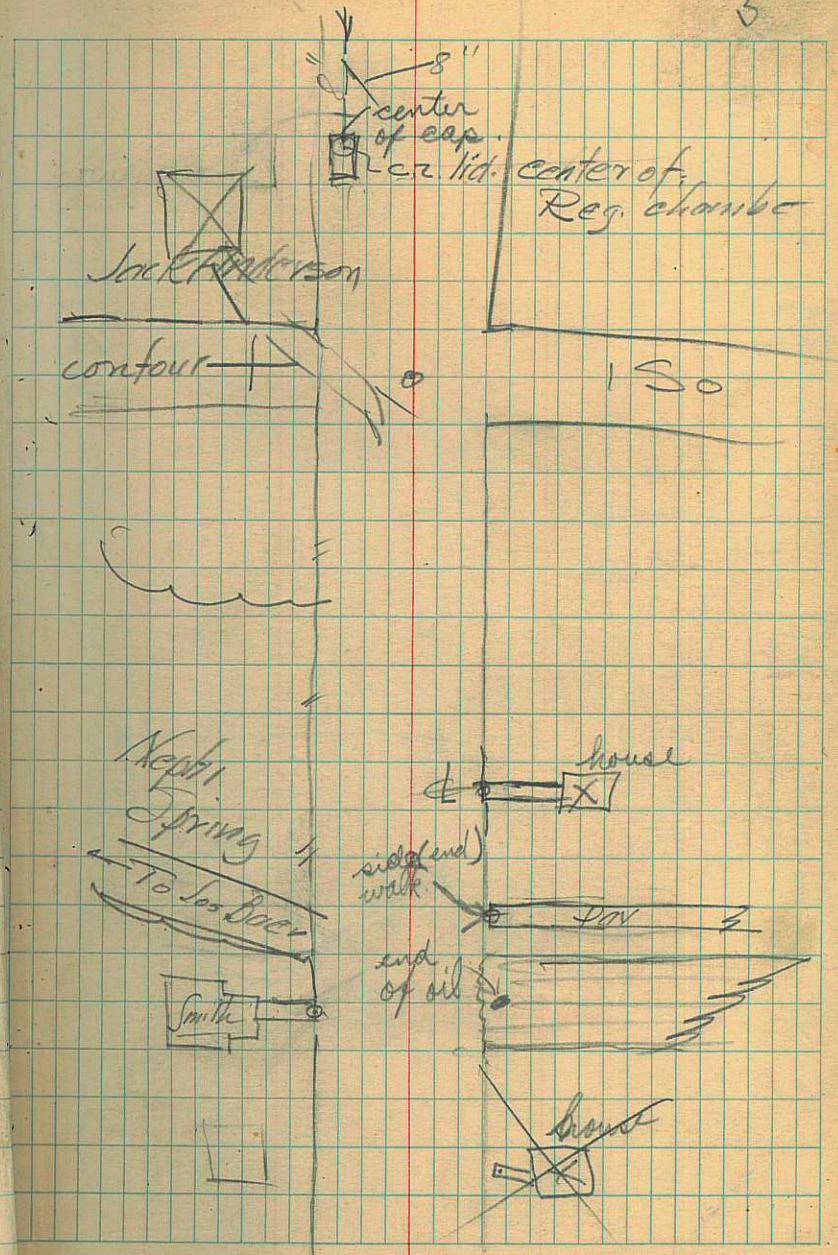
Levels up

4-6-49 Rodman Mead Hurland 3

Hurdat Levels from North culvert headwall at Stazenskers to 8" regulator.

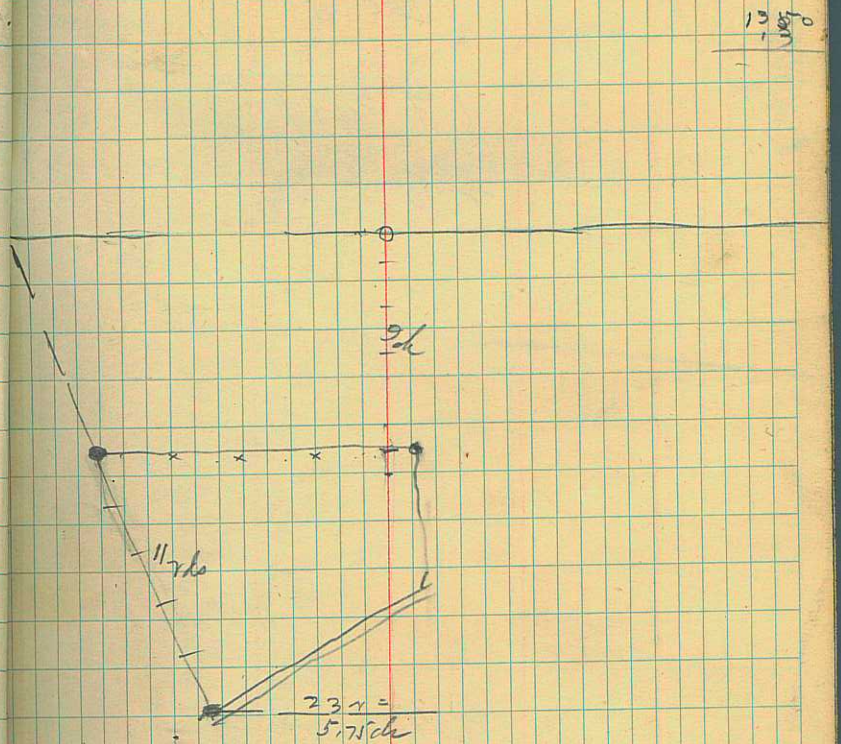


BS	FS	in
	0.38 ~~1.38~~	208.7 ~~207.7~~
11.91		
	0.28	
		1.60
11.45		
	0.68	
10.52		
	0.30	
11.19		
	0.59	
		6.00
		9.10
		10.04
		8.80
		~~8.80~~
11.34		



6

7



8

148.4
94.84

148.4
98.4
500

148.4
45.375
19375
45.375
3911.50

9

May 10 1949

Bar at Providence
started pump 4:20 P.M.
about 3½ C.F.S. Keeping
P. at 190 # keeping
40 pumps
Run. Ordered
Arrested.

2.71
16.1
1371
1650
2711
45.375

WD

Niels S. Larsen

Beg a pt 6 r W of SE Cor
Lot 1 - W 3 r. N 7½ r E 3 r
S 7½ r to beg

T. L Christensen

Beg at SW cor lot - E
3½ r N 18 r W 3½ r S 18
r to beg

4

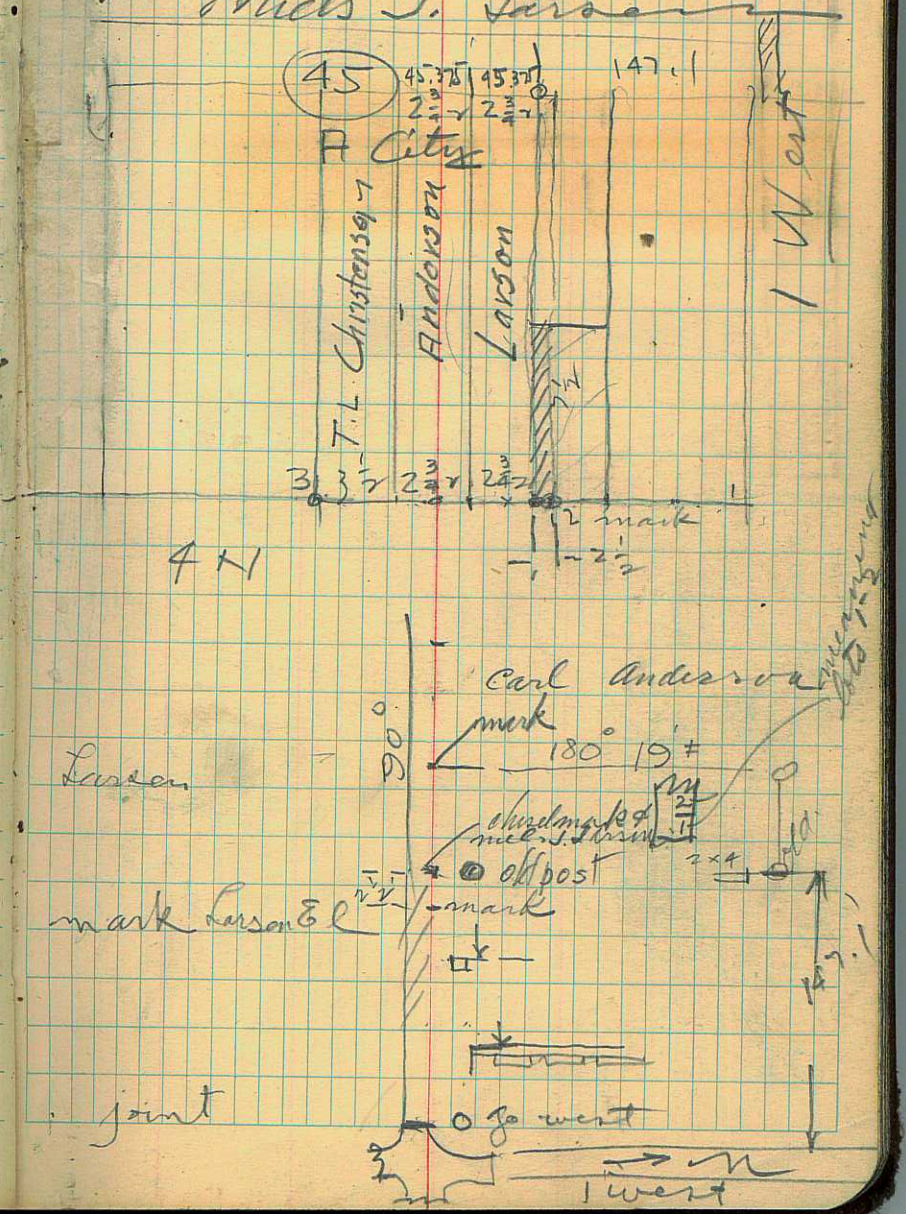
2+39.15
2+00

193.775 W+

148.4
145.3
98.4

48.3 W-
0 W+ 4

Survey for Karl Anderson
& Niels S. Larsen



10

Niels J. Larsen + Wife Katherine M.
Beg. at a pt 8 rds 14 ft W of SE cor of Lot 1, Blk 45 "A" Logan City Survey
N 2½ ft; W 7½ rds; E 2½ ft; S 7½ rds to beg. = NE¼ = 33-12-1 East. 86-619

7

3
4

Karl A. Andersen + Karin E Andersen.
Beg at a pt 2.75 rds W of SE cor of lot 2, Blk 45; W 2.75 rds; N 18 rds
E 2.75 rds; S 18 rds to beg. NE¼ = 33-12-1E. Book 82-342

11

Anderson

W ant

4 N 1

mark

Carl Anderson

mark

180° 19'±

Larsen

old mk

old post

mark Larsen & E

joint

go west

1 west

2+39.15
2+00

193.175 W

148.4
145.3
98.4

48.3 W
0 W 4

10

11

T. C

2+39.15

2+00

193.175 W+

148.4

145.3

98.4

48.3 W-

0 W+ 4

4 N

Carl Anderson

mark

180° 19'

90°

Larsen

blind mark of mon. Larsen

2 x 4

off post

mark Larsen & C

mark

joint

go west

1 west

14

227°41 to wall ⊄t

2670.0 a God nail 0

E± 2669.5

2000. lins

1328.5

E± 1000. lins

139°5' 26.85

225°37 24.40'

⇒ 0°

41°17

266.90

15

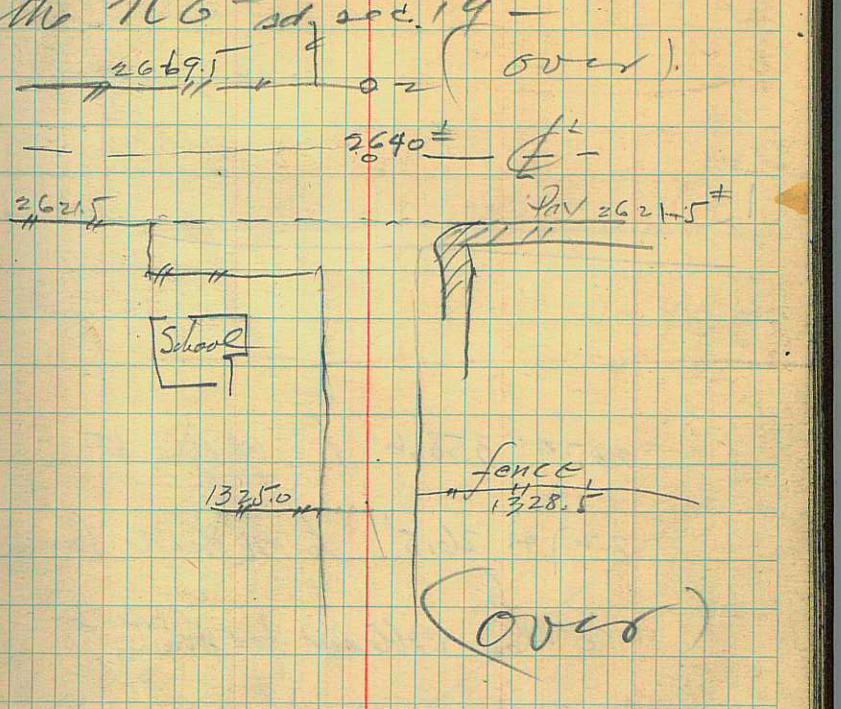
Survey 5-17-49

Miles Anderson, Jr.

from the W¼ cor sec 19

T11N R16E to his well on

the NE¼ sd sec. 19 —



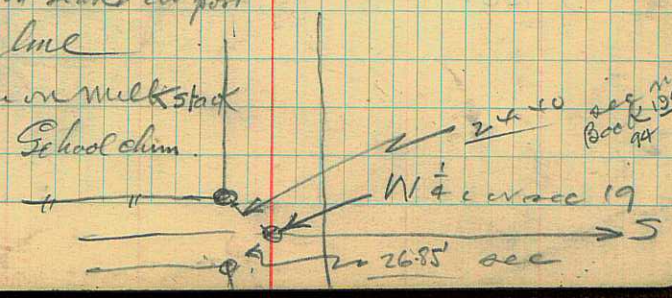
Elec Post SE cor Mel Sorenson

to hardwood stake cor post

along line

Conc cor milkstock

S side School chim.



16

2

1

227°41' 358.6 Well pt

227°41' 26.5' to N side lane

180°46 Cable and ped xing 1 mile

90° 2670 W¼ cor sec 19

3 150°22

24

5-24-49

S 3 ~10 am 17

+ 20 42 50

W 0 ay 20 43

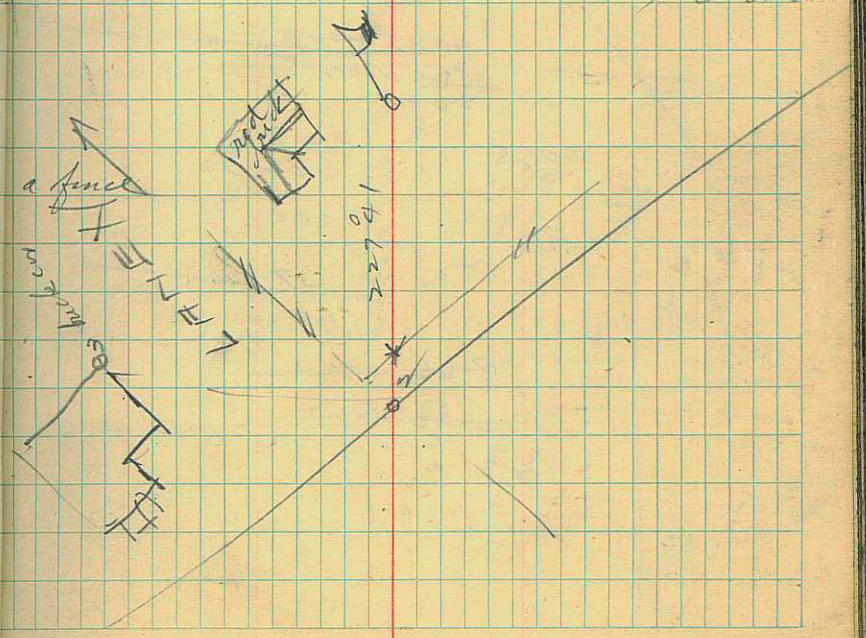
Co 89 60 - 41 47 = 48 13

41 47

89 60

3 41.5

3 48 6



18 Cor 4E-35

Reed Maughan

Beg at SE cor Blk 2

PE "C" W 6 3/3 rd N 8 1/2

E 6 2/3 rd S 8 1/2 rd

2

9 rd

1.0000 4000

8000.00025

2000

0025 0026

0023

0003

0003 ~ 002

41 60 60 2

51 6 8 40

866

433 66

441 66

19

3 1/2

3 1/2

7

5

5

3,33

666

27

86

85

171

16.5

27

1155

330

445.5

171

6165

E.W

1.4

1.3

1.2

3.6

1.5

5.1

8 1/2

6

6

4 1/2

11

36

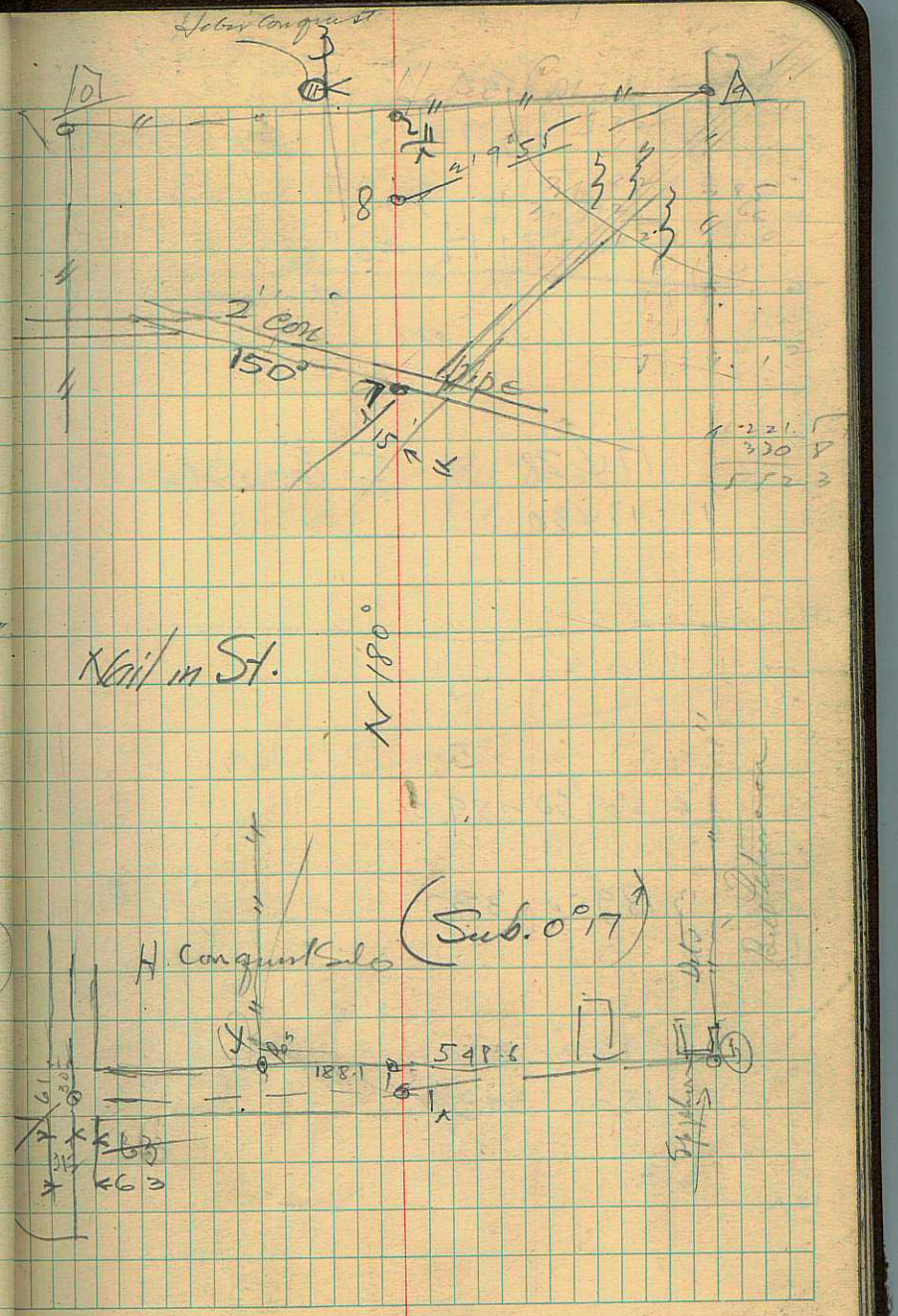
M.P.S

20

Survey for Wallace Beckstead
5-7-19

(or 13) 10	137°02 138°28	
(or 9 / 14)	219°55	
8	180	1200
8	180°	1200
	180°	1000 Pins
7	180°	909.0
6	180	32
	180	
5	E±	548.6
5	26°59'	221.5
4	95°49	330.8
3	174°43	(Truck 174°26)
2	90°30	℄ W±

Fence N side



22

21 12.4 — 10.71 × 2 = 21 5 0

4 7 4 3 0 0

21 17.1 L 9.7 1 5 0

S 21° 17' 40"

Ob. on # 1-5-22-48

17 4 28 to E side Silo needle or ∠ 90° 30

1 17 4 30

1 ∠ 269° 50 289.0

13 89 50 323.7

11 ∠

1 ∠ 180° 350± fence

11 180 349±

8 ∠

Ob 5-22-28 Co. Lat 48°13

23

O 3:30

3 15
7 30
10 45
10.75

Co. Lat 48°13

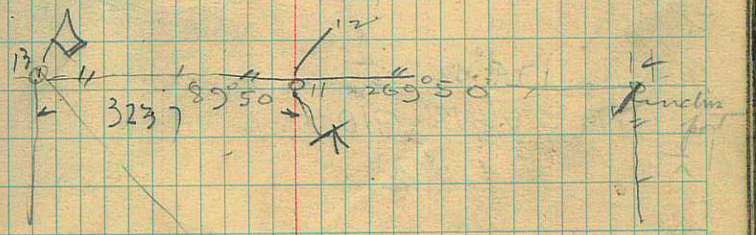
D 134°26 Brace de dat

134°26

Needle dist 0°17'

NEC or

NW cor



24

359°33'

20 83°10' 241.2

19 0° 52'

18 314°03' 215.0

17 200+ ℄ on ℄ Canal

16 314°03' 186

15 314°03'

19a 39°55' 40.7

14a 270°30' 335.0

270°30' 327

opp 5 270°30' 272.0

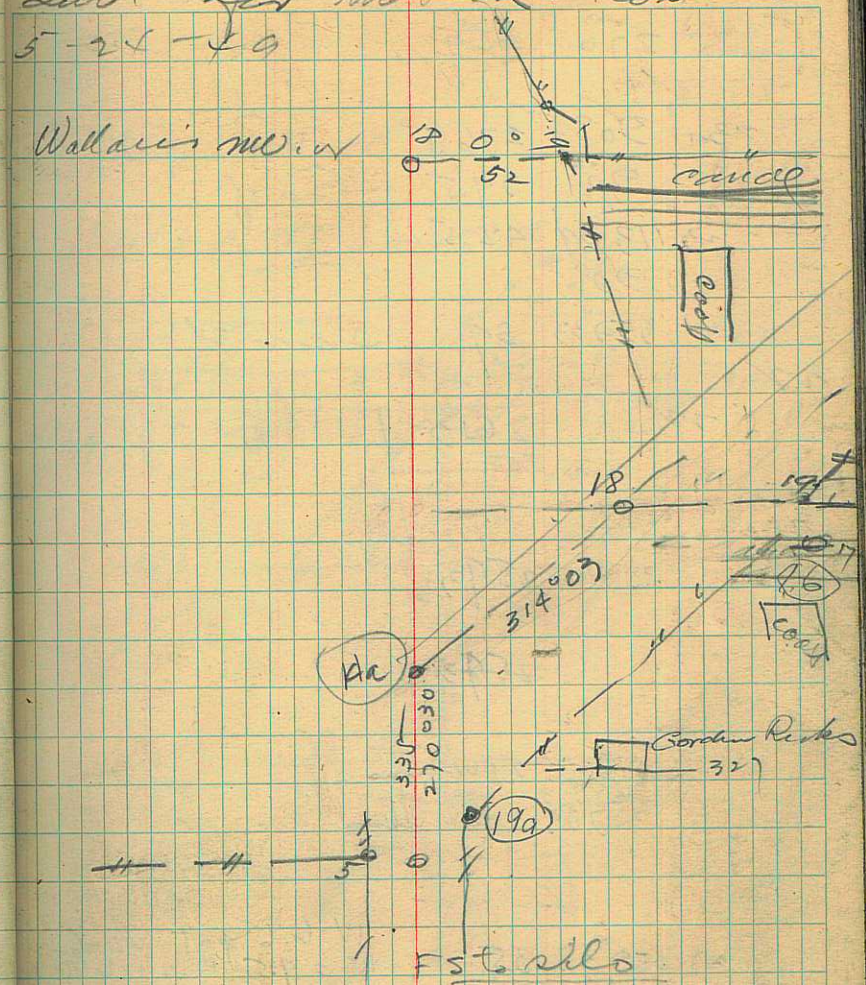
179°43'

19a 276°18' 310.7

Surv. for the Rock's cont. 25

5-24-20

Wallace mon. at



26

N	270	469.	
23a	90°	276.5	
	90°	39.5	So of
23	113° 0d	42.5	
	90°		
	359° 33	39'	S side St
27			
27		2613	
		2593	
		~~2593~~	
		2000 ins	
	359° 33	1000 ins	
21	359° 33	35	W 6.6 pat fence W 29.5 W side Main

27

27.6 x 1 = 27.6
39.5 = 39.5
2370
469
39
508

Wells SW cor

Wallace JE cor

23 (N) — Road — 276.5 — 23a — 78.00'

= 2598 + 23
= 2613

42.5

23

2593

D 1110

501' — 17.4 ch/1000'

017.4

W Rubbs Johnson

N 6.6
W 29.5
20

28 May 27 - 19

Az Dist.

90 30 924.4

90°30 [illegible]

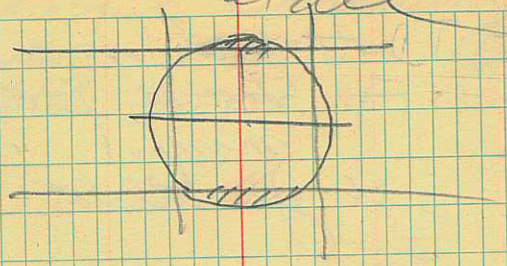
90°30 893.3

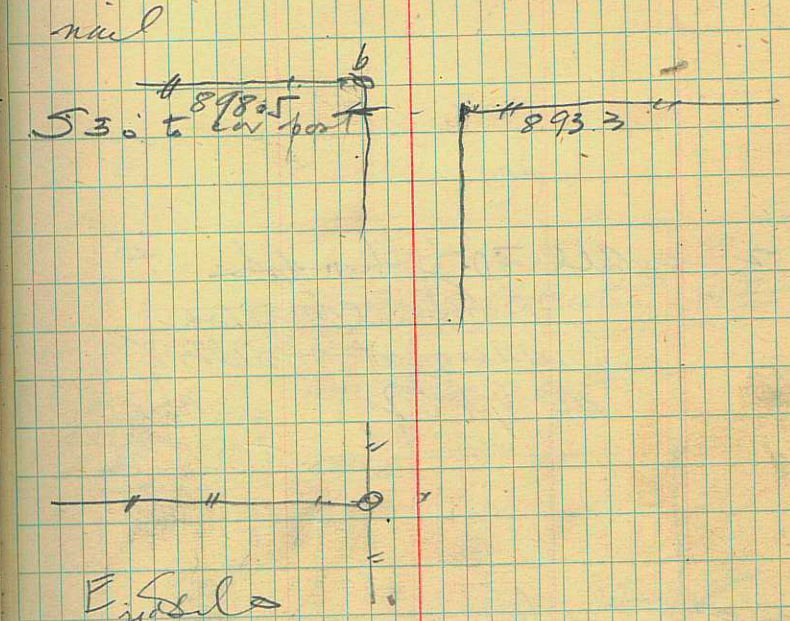
90°30 239.5

179°43

1/x

Rocks Wallace et all 29





Bernie Schwartz 31

5-28-1959 - Jan

BK 97 - A C.F.y

3 lot 1/2

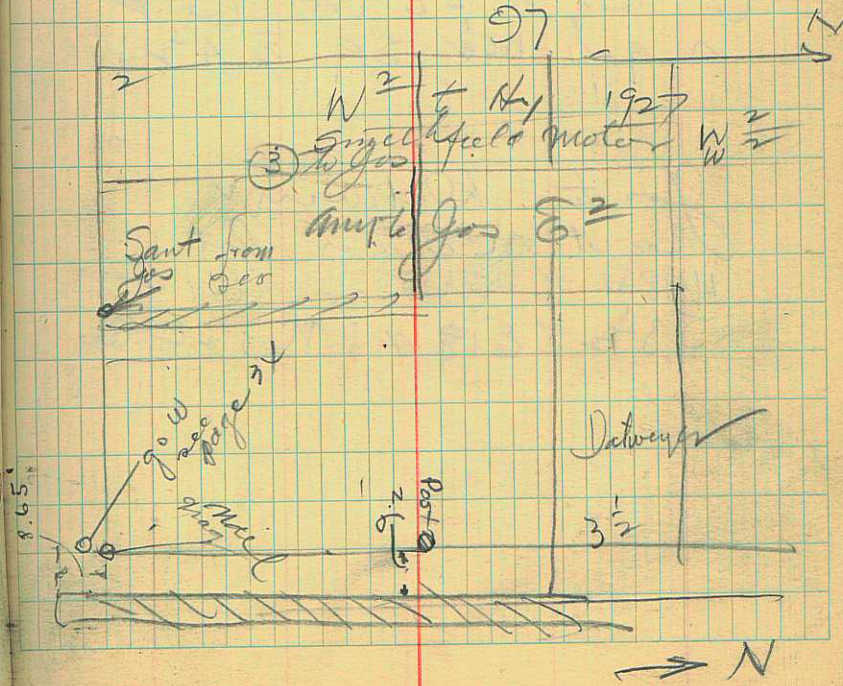
(1) - TD to Jacob Bergman
Lemuel Mallory
Margaret "
& Jos all lot 1

2

2 all TD. ~~John Doe~~ to
Lemuel Mallory
Margaret Mallory
all lot 2

(3) S½ lot 2 Jos to Mrs Knight ~~W½~~
N " " "

See page



Jos Malloy &
Anna S Schwartz
Beg

Beg at SE cor lot 1 N 8 r
W 9 S 8 E 9 to beg

Jos mal. & Saml
beg at SE cor lot 2
N 9 r W ½ S 9 E 4½ r to beg

Jos to Dahlman
Beg at NE cor lot 1
W 18 r & NW cor lot 2
S 3½ r E 18 r; N 3½ to beg

34

180°	187.4	Datweyler
180°	132.5	fence
180°	132	mark
W	298.8	
W	273.75	
W	148.5	
W½	111.95	
W½	74.25	nail & Rag
W¼	28.00	

35

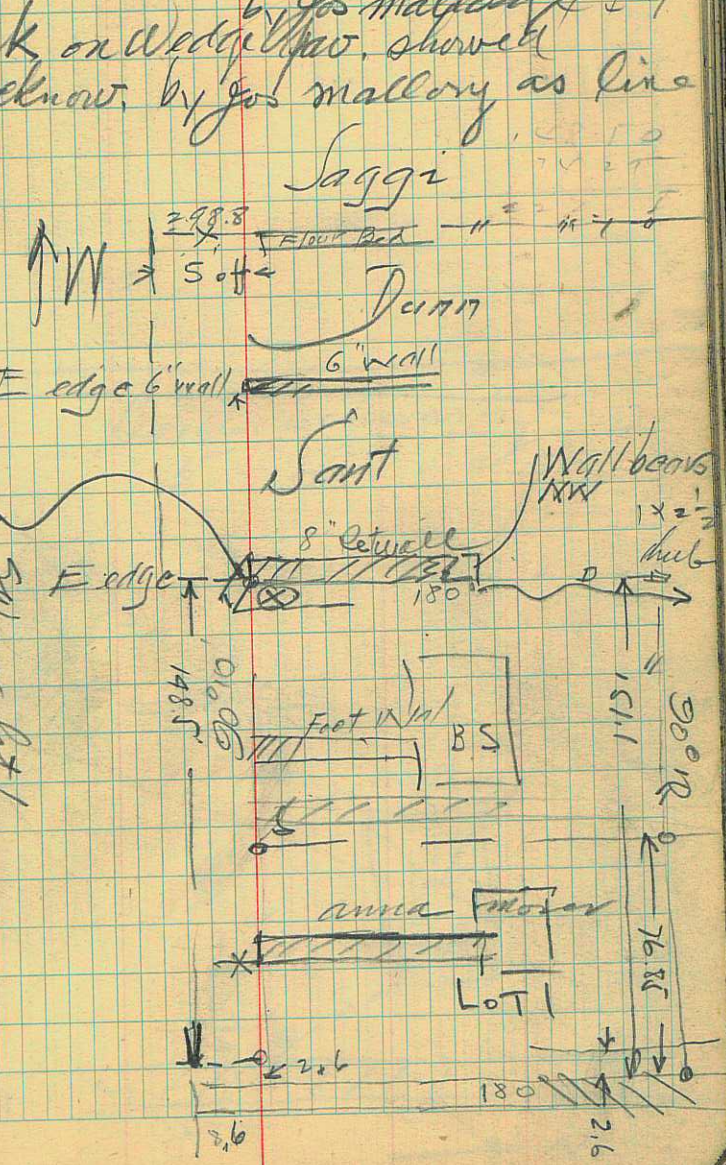
74.25 / 74.81

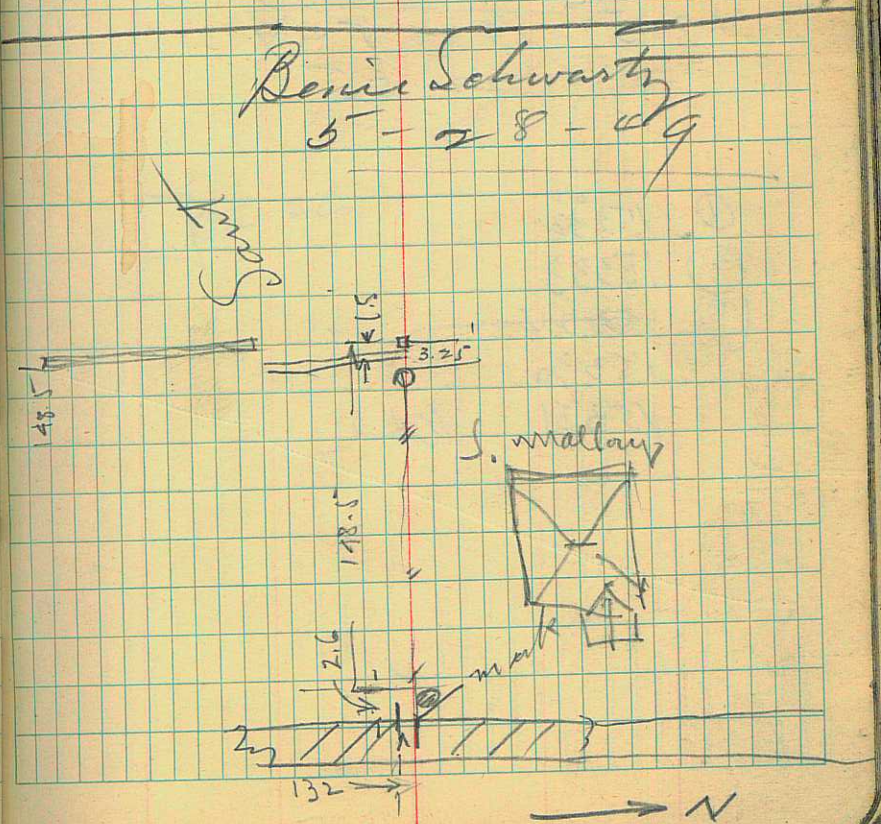
273.75 / 75.05

187.4

by Jos Mallory

mark on Wedgewood. shrub and acknow. by Jos Mallory as line




Kanal
1.5
3.25
145
S. wrallaus
148.5
2.6
Mauer
132
N

38

Dec

E W1 14 9N 1E

= Lat 41 31' N Co = 48 29'

S for 10 am =

5 hr @

hr L = 2 ½ Ref = +

+ 22 53.4

.21 22 54.4

5 5

1.0 5 22 5 5 9

22 5 5

① 153 32

② 15333

③ ~~15324~~

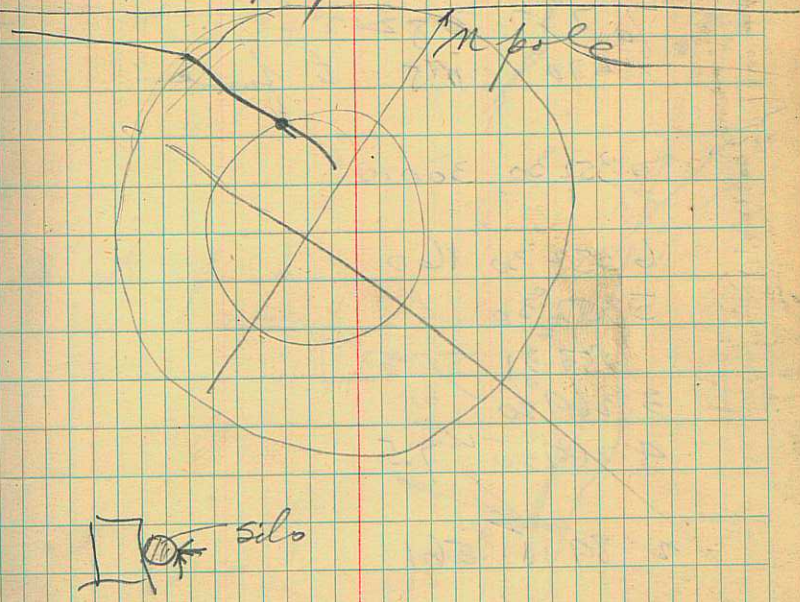
15330

15331 Mde

39

Survey for Lero & Nahm off Pyron

6-9-1949. In Sec 14-9N-1E



8 265° (73°30 52')
89°52 along fence

7a 7°27 382
270° 11.5 to fence

7 352°30 3000

6 352°30 160'

5 352°30
153°31

3 269°20

4 269°20 7.5

2 89°15 561

89°15 269

89°15 108

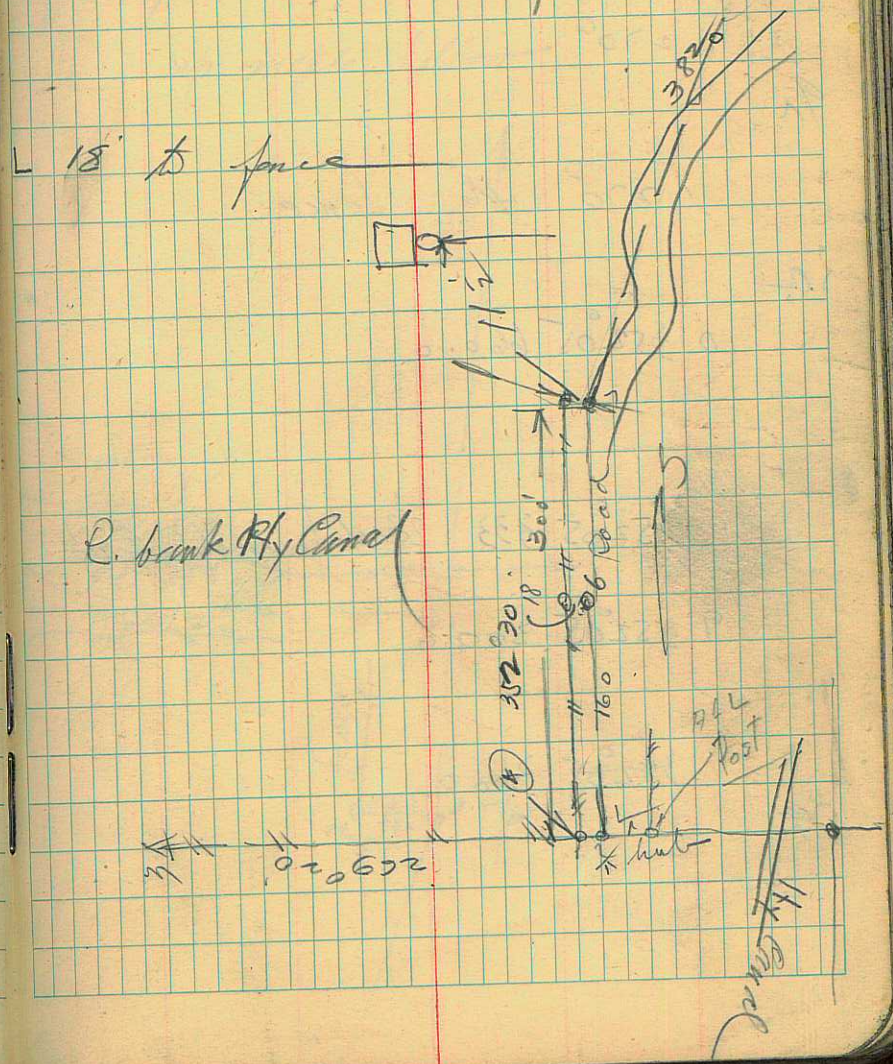
89°15 39'

1

7 about 45 fence of fence
" 89°52

70

L 18' to fence



270° 41

270°

9A

270° 46 fence

10A

10 352°05' 660.0

352°05 333 2 3/4 ch. for maple Creek

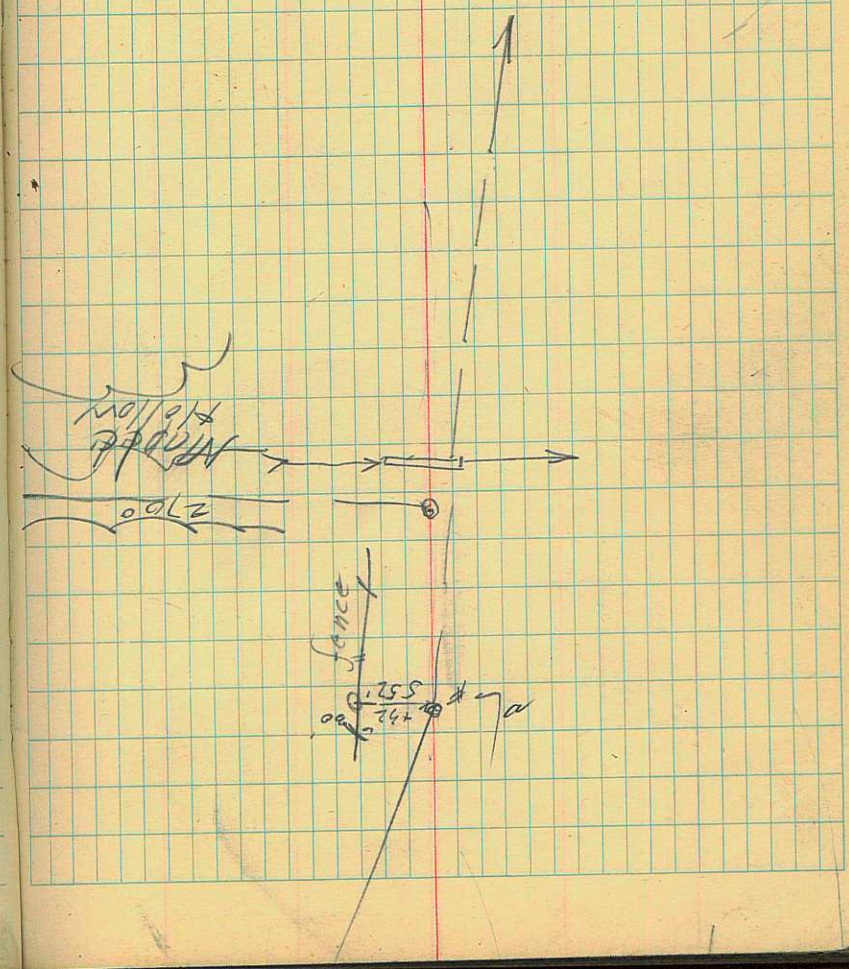
9 352°05 300.0

352°05 300.0

7A

-9 gate post

up. maple hollow



Widow

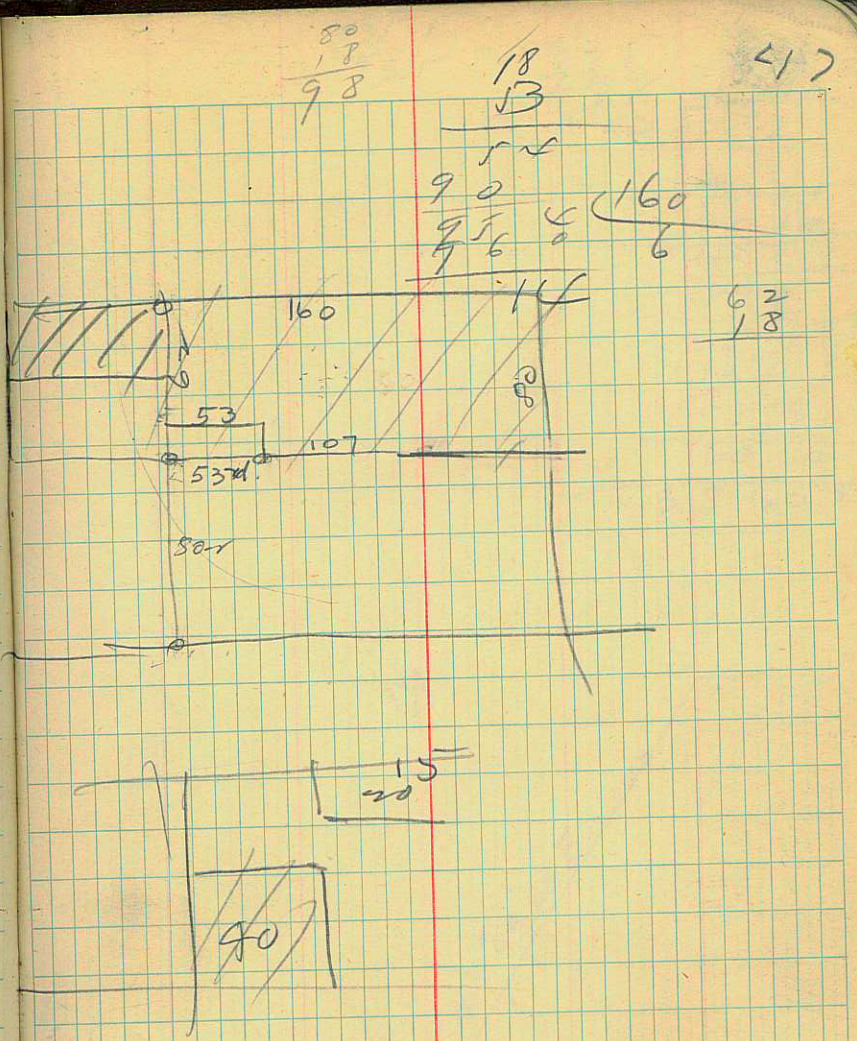
Vilate C Davis to

L59-20-12 Leslie C Nuhn & Wife with
Com 80 rds N & 53 r E from
SW cor sec 14; E 107 r to Center
of sec; N 80 to C L of sec 14
W 160 to W L of sec; S 62 r
E 53 r, S 18 r to beg
71.-289 Deed Record

Deed to Vilate C Davis
same from Geo W Davis

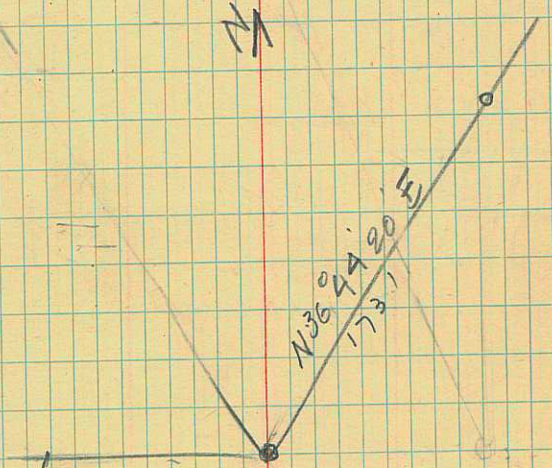
12-50 r

Also



418

419



4.70

4 9.62

3

6

3 3.00

2 5.50

Survey for

V. B. Wheeler 6-15-49

14 mon not

5.1

4.63

0.87

on cor 3

x 2

on Alt 0 3

4 7 0

3 6 3

7

4.63

5 1 3

3 1

3

1

3.63

4 1 3

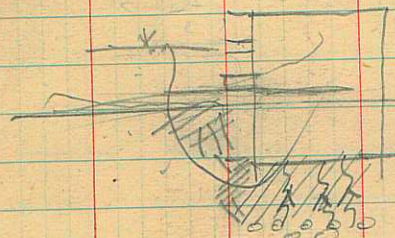
3

(Seepage 128)

June 16 - 17 29

Waterman width 6" Parshal flume at upper end of diversion out of Gooseberry Creek. About 1/4 mi above Chris Sorenson

Ha = 0.63
Q = 0.99 from table #3



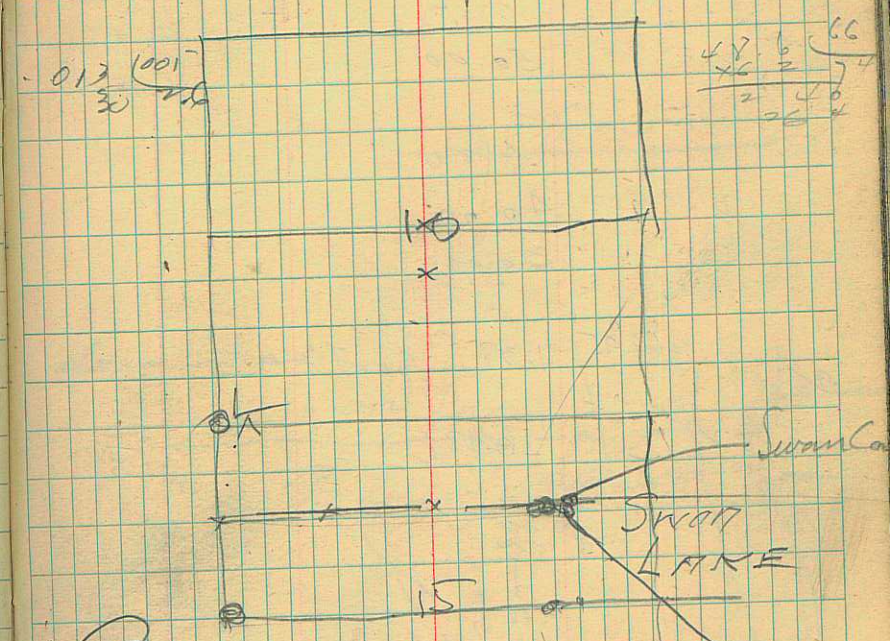
$$h = \frac{v^2 k f}{2 d g}$$

$$\frac{64}{5.1} = \frac{6.8 \times .08 \times 350}{5.12}$$

$$Q = av$$

$$\frac{.013}{.005}$$

2.6 per min



Brush Study on Gooseberry Creek

$$\frac{.022}{6.8}$$

$$\frac{353.2}{120.0 =}$$

60 ± 265°55' 60

61.70

60.00
58.36
58.00

50.00

41.70
40.00
30.00

269°45' 1.38 post a

S± 20.08

S± mean 20.08

60 ± new fence

60

58.36 old

on fence

fence

along fence

56 bgs fence

N line S± new 20.08

E-W ± 20.08 c
S 15-135-30E

116 cords for the day

56

49-3 27°26' 970.7
49-1 5°44'30"
W 4 cor 28
98°50'

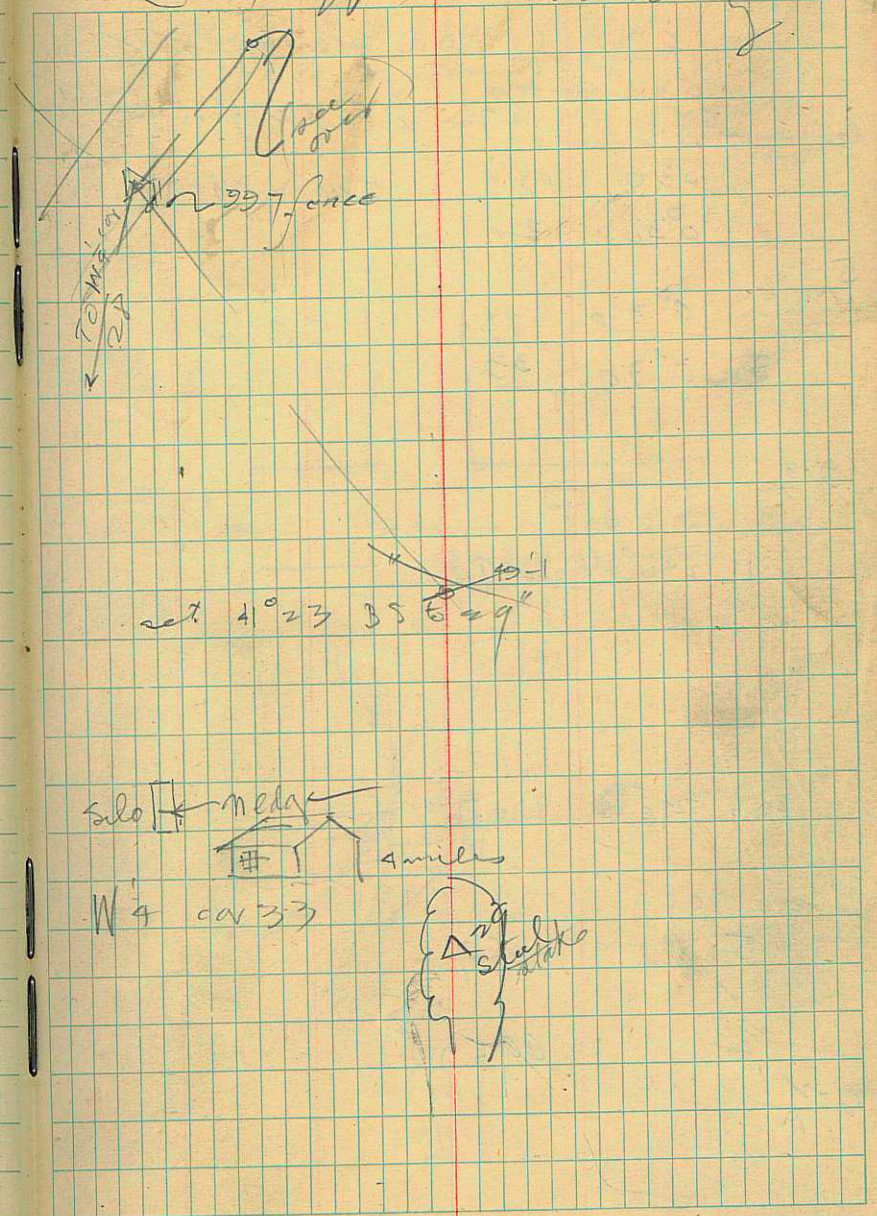
(49-2)
49-2 189°44'30" 1015.
W 4 cor 28 13°12'
29 41°23

(49-1)
49-1 22°23

W 4 cor 28 167°16
101°53
22°29
11°02
3 257°50

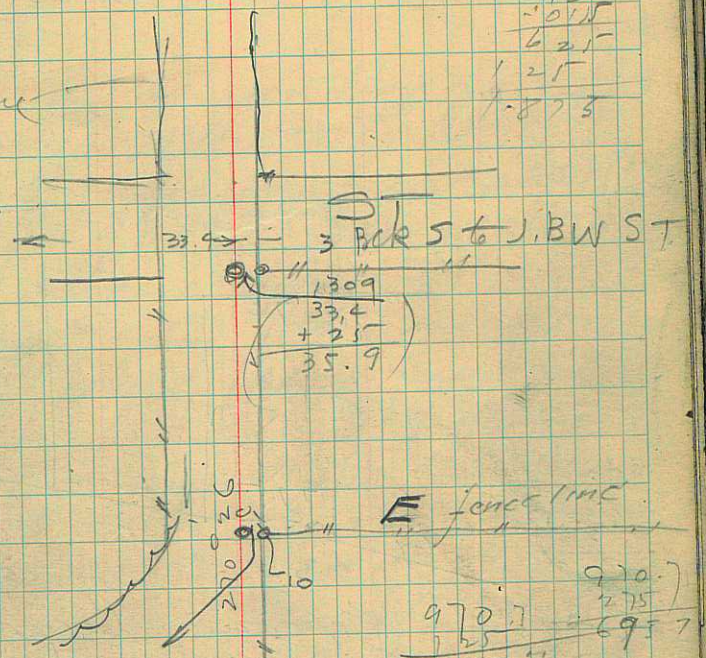
6-17-1949

S B W late survey 57



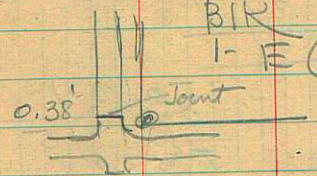
58

	0°30	179	SW cor lot
	0°30	29½	to E&W fence
6	0°30	181	SW cor 1
	0°30	31	
5	0°30	183	S E cor 1
5a	0°30	33	
49-3			
11	270°26	1309.	
49-3	270°26	970.7	
5		845.7	
6		695.7	
49-2			

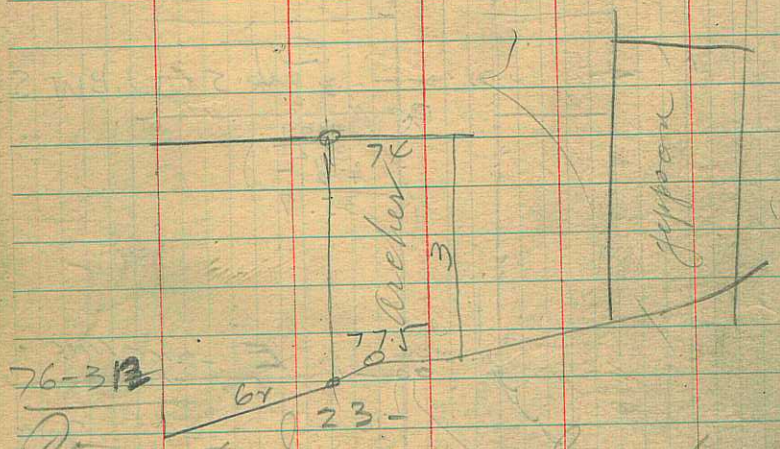


59

S 8° E from J.BW ST
150 (97)
93 .015
1450
687.5
.121
.015
6.21
1.21
.875



538



Selman to Simpson beg at cor on old Canyon Road — mkd
2 or 1 6 5/8" Nearly N & S
Cords & 4' 8. rock cor BIK 1- N 176', W 5 3/4 ± to NE cor of old rock F wall
S. fol. E. Wall of rd F
34 ft ± to SE cor old F wall

Sears for Merrill 61
Peterson - on Canyon Road
Tract to S W cor BLK 1
Pl "E" City —
86 - 550 Ads
James O Skousen & wife
To D.L Archer & wife

Com N & Canyon Road at a pt 6rd E of the + Co L 66
& N & Canyon Road pt of beg
& bears S. 7.40 ch S & 6r to Curb
N & canyon from SW cor
BLK 1 Plat E from pt of beg
Run N along broken fence 3 ft W
1 ft to fence bein E of Co. E
along fence S.E.O. th thru S
3.1 ft ± & N & Canyon Rd Curve
E thru 3 Co's to beg
No N bdy of Canyon R 77.50
to beg Area .599 ac (77.50 ft)

W along S line sd F wall
13' ± to a pt 4 rds W of
the N & S ± fence
desc S 156' ± & N & canyon
rd; NEerly along N & "
to beg — no front age

L2

S W

6	59°22'	44.4				
5	263°19'	11.20				
	25°22'		along south side fence			
4						
4	317°24'	74.18				
	+180°					
	137°24'					
3						
3		444.07	448	-7°36'		
3	0°0'		1	-7.43	5.64	
3	0°	44				
na	324°	55.8				
2						
2	0°	300.4				
	320°56'	70.25	to hub			
	224°49'	62.97	N44°49'E	44.70	44.40	
	38°24'	5th Ward chunk of fence				
2	71°15'30"					
1						

4 Total 359 59 60
55 24 30
71 15 30

L3

F | Dep | Lat

Pin 70.48 C
70.97
70.93
63
42.56
2
250
59°22'
44.4
5
4
6
2
3
1
1.5
8.
4.80
3 50
2 50
3 44
94
1 Corner of house
8.98 ch = 587.40
2 42.1 left to 90
= 454
11-19-51
4-00 2a 11-14-5
(see mear. 300.12)
= 344.70
= 99.97.37
SW cor BLK 1- 91 "E"
to mon 7E4N
588°24'30"E
= 271°15'30"
mon 6E4N
Joint
0.38 N to joint

64

E

176°36 3½' ± to N side St 8-13-46

176°36 87.

176°36

11 230°31 100.9 w/bottle in bot. of Side of

12 169°50' 79.99 gas pipe

10 149°56 63

9 259°22 354.00

424.5

9 150.9

8 254°22 149.1

254°22 165. 158.9

250°22 46.1

7 0° 7.60

137°24

3

65

actual dist. N 15°38' W to N side 64 St = 5.1

(per 868)

Gad nail in drive

= 16 W 11½ + 99

drive

Lumber

door

LL 62-333 890

Beg at pt 6x E 5.90 ch S from Sd cor Bet 1 pt E L C Sec Sd pt being 6x E & 18 x N of ± of N L of Canyon R with E L of 6th E Sd. from sd pt by S 3 ch. ± to N L Canyon R; Westerly along N L of Can, R' 12 lds; N to R-N Canal Northerly along Canal for mean ± pt due E of pt of beg, West 5 ch ± to beg Containing 2½ ac ± Except therefrom L N Canal Right of Way

Deed James Quayle et ux to Betty L Quayle et al Patterson

Betty L Quayle et al H. Peterson

Recorded to Correct Deed of 61-

99 1/4 1/4

1 1/4 3

153.5

96.3 67

4 6 3

1 7 1 3

3 8 1 2

8 5 8 3

7 1 0 4

8 1 6 0

8 6 6 7

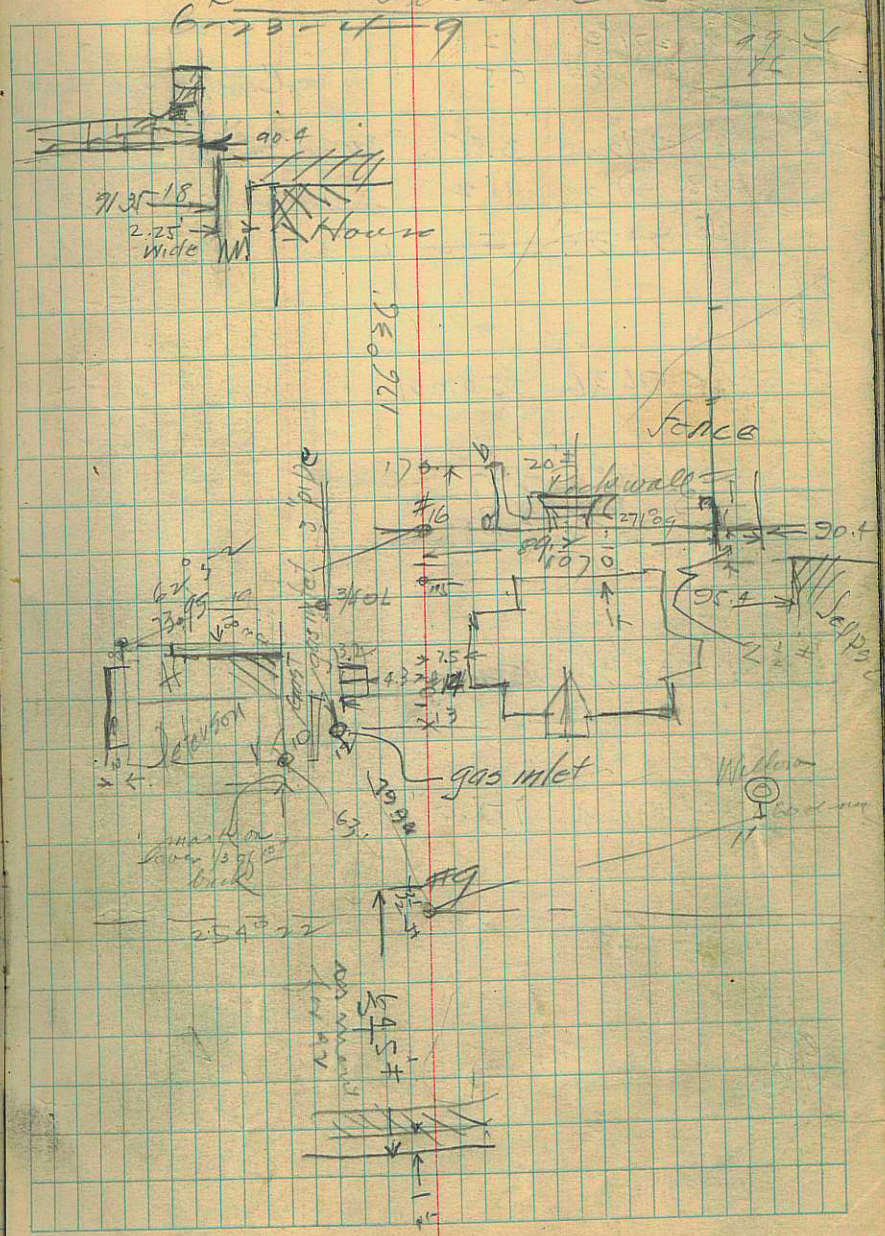
Sec pages 131 - 6 134

60 03 1/4 60 37

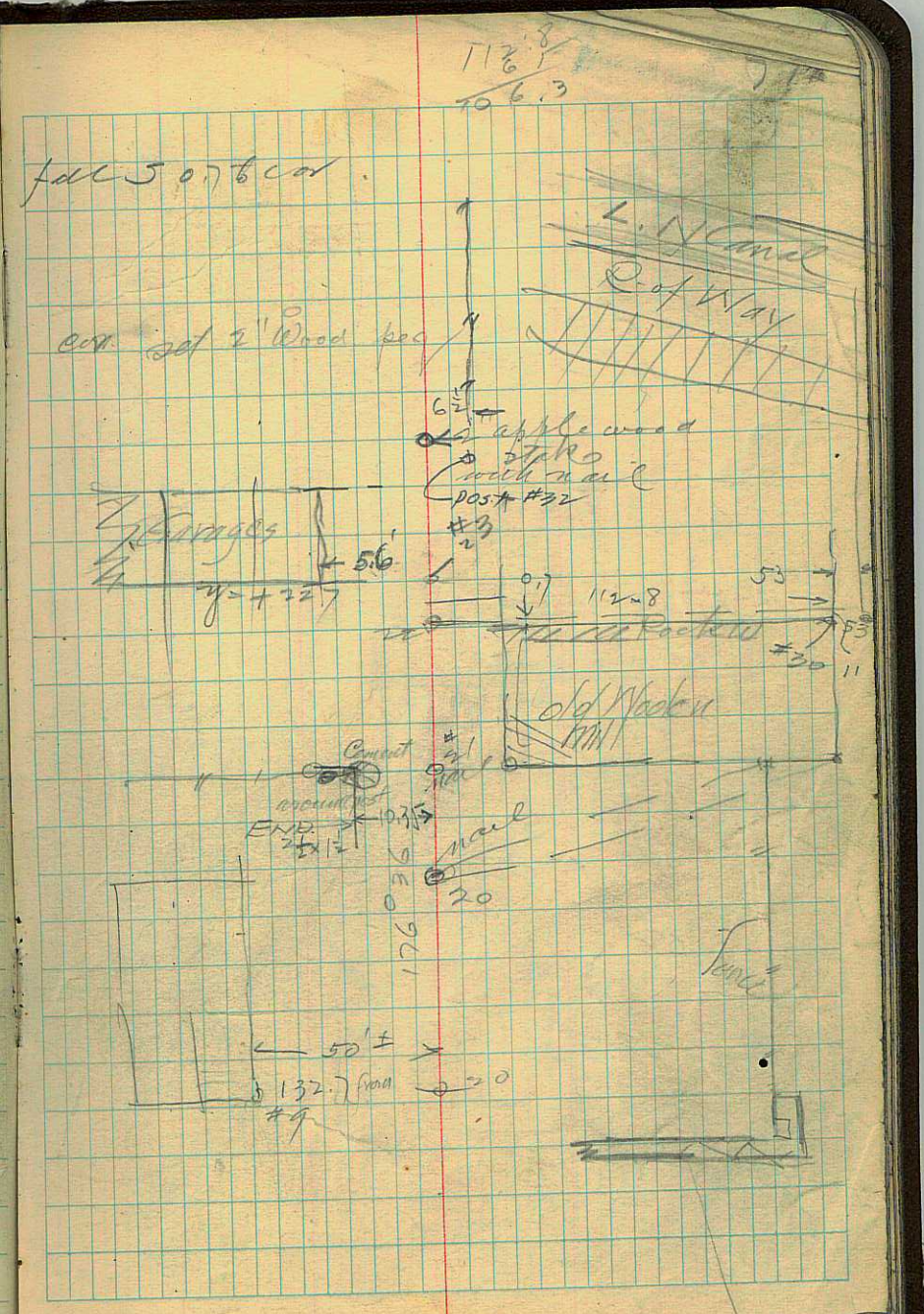
Daytime Courses

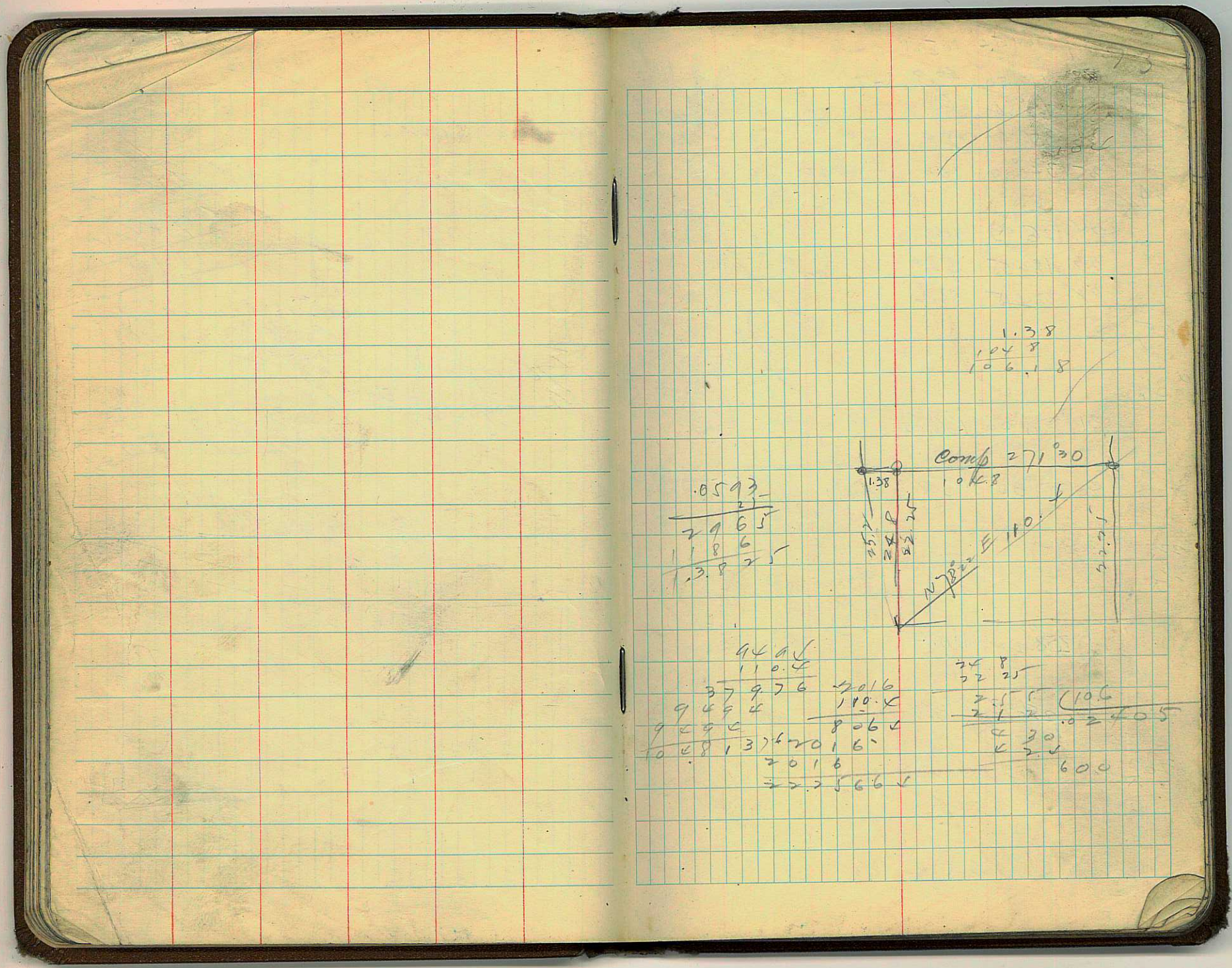
		Dist	L	R	
9A	19		11.4	13.4	63"-4-0 pipe
	18		91.35		
		E	95.4		
		27°09'	90.4		
		27°09'	89.2		
		E	12.6	Wall ab	
		E	12.2	W pipe down	
		63°52'	73.95		
16					
	17		131.5		
	16	176°36'	116.7	60 d nail	
	15	176°36'	107		
	14	176°36'	87.2		
9A					

Bud Peterson Sec 6-T

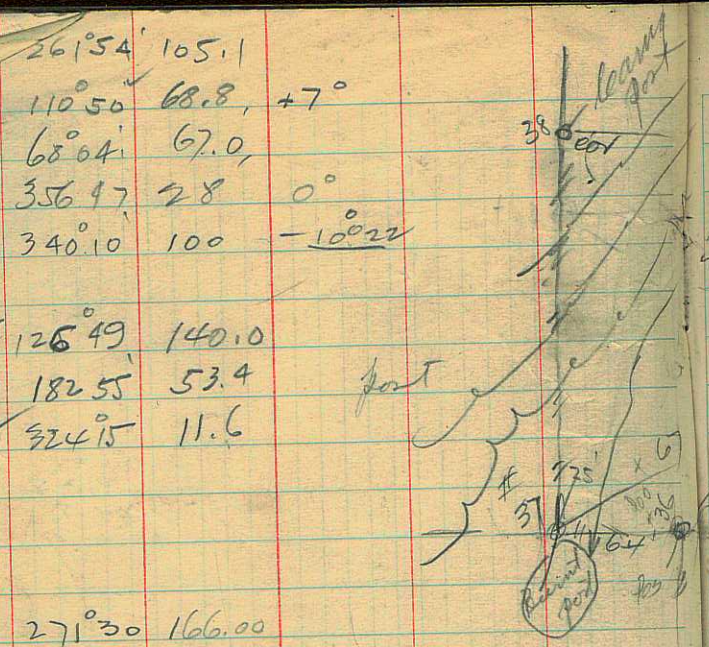


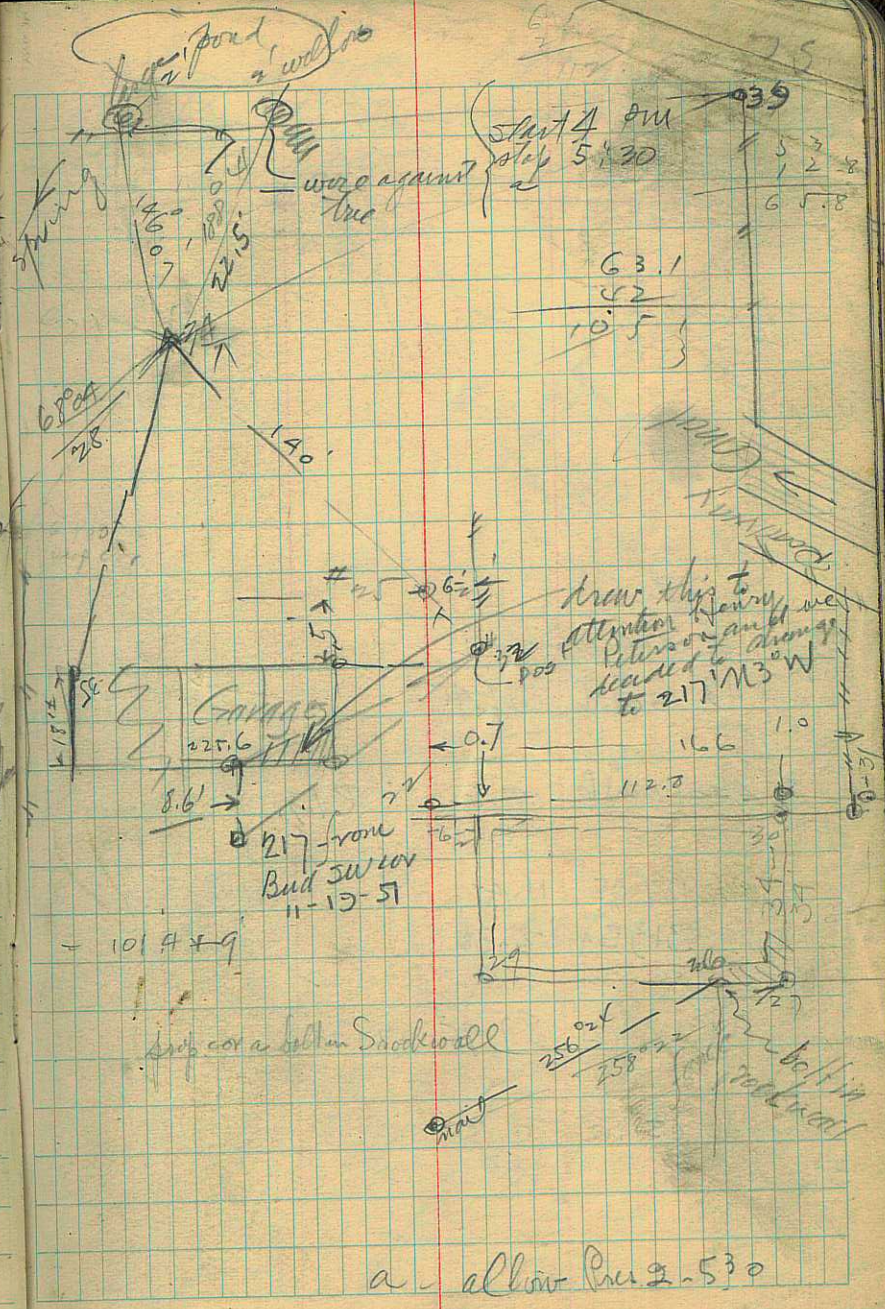
30	271°30	112.8	
	271°30	6.5	to mk Lwr Wade Lake
22			
24	273°30	3.85	SW cor old Wade mill
28	91°30	11.2	which is 15 from rock
28	91°30	15.0	
21			
25	176 36	250.00	
24			
23	176°36	227	
24	176°36	218	
21	176°36	183.2	
20	176°36	158.0	
9			





	261°54'	105.1	
38	110°50'	68.8,	+7°
37	68°04'	67.0,	
36	356°47'	28	0°
35	340°10'	100	−10°22'
34			
33	126°49'	140.0	
32	182°55'	53.4	
32	324°15'	11.6	
6-28-49			
25			
31			
31	271°30'	166.00	
30	271°30'	112.8	drop'd off of rock ledge
22			
27	258°22'	110.4	
26	256°24'	96.50	
20			





76

43 (see over)

43 N2° 16 239.95

42 122°16 191.5 R1.3

187°05' 11.4' to
313 54 2.38

41

41 237°21' 87.95' +27°20'

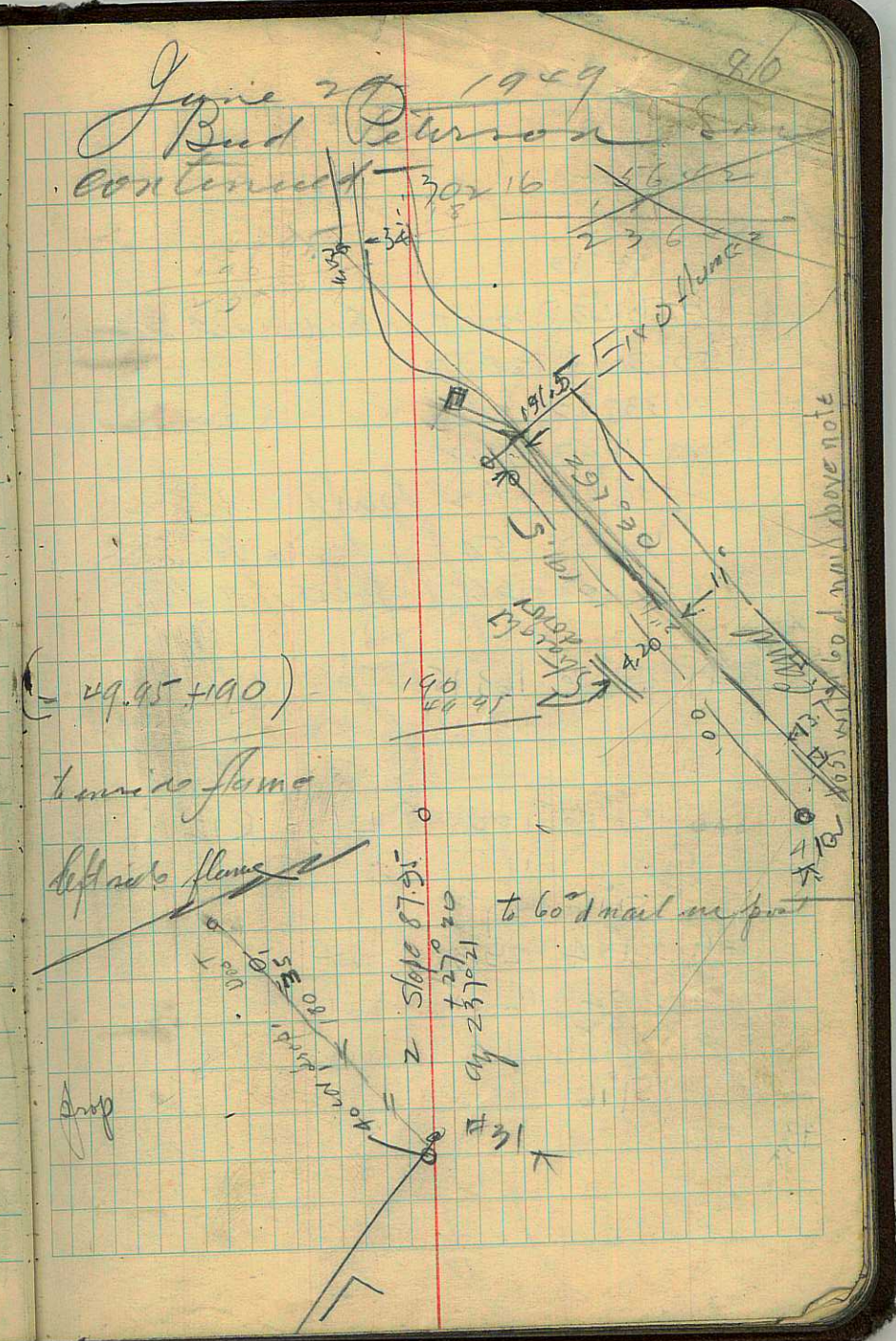
40 45°40 0.8'

31

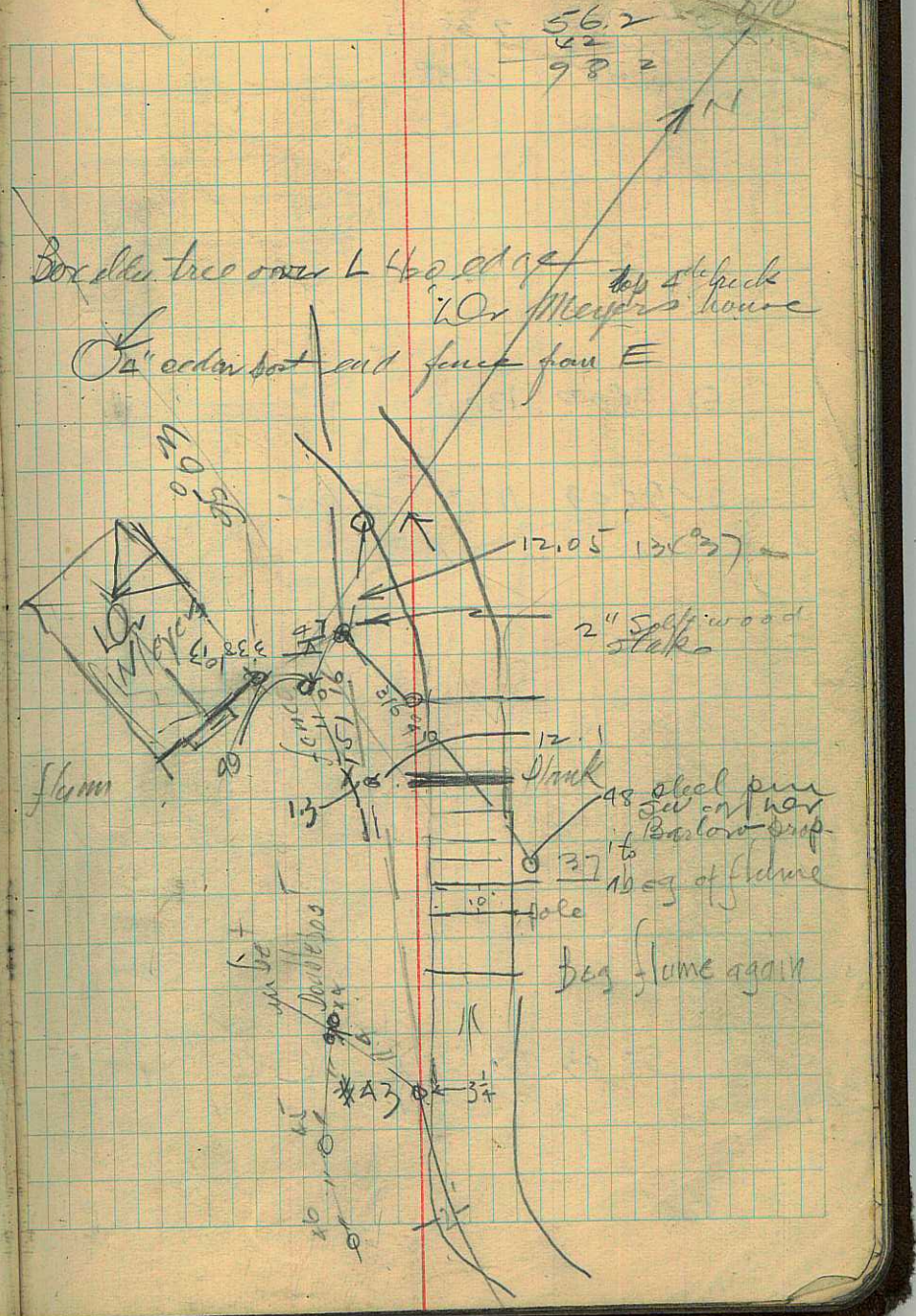
June 29 1949

Bud Peterson

continued



	95°03		
5	134°37	12.05	60d nail in 8"
50	31°46	20.73	
44	338°13	29.9	
48	316°47	98.2	
	316°47	4 2	pin
	316°47	54	L side flume
	316°47	36	west end flume
47			
47	151°16	163.15	
	151°16	100	L 1.3 R 12.1 to L side flume
	151°16	37	
46	334°44	29.3	post
45	3°04	16.25	post
44	82°15	11.4	to wire
	151°16		
43			



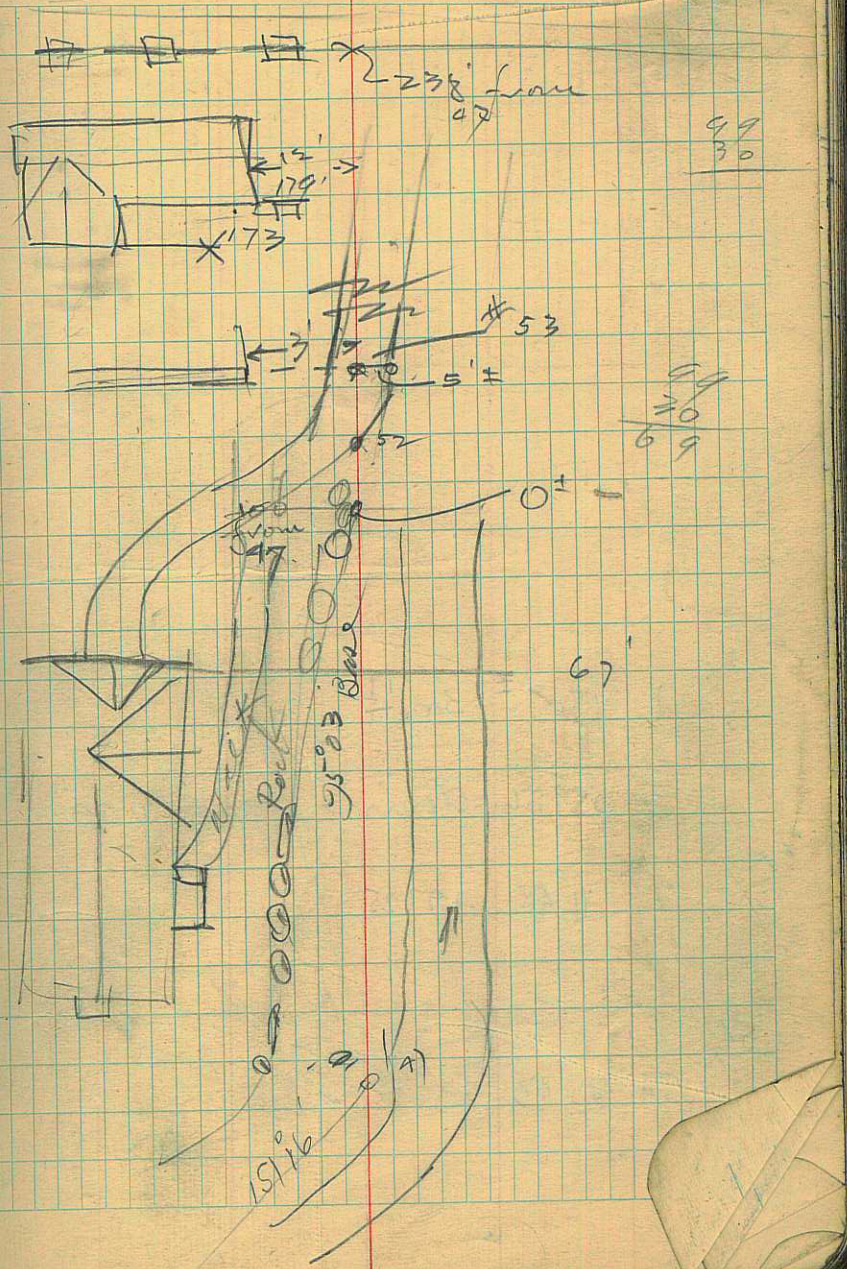
54 95°03 238.95 –
over
95 07 -238

54 95°07 130.7

54 95°03 111.3 to pro

95 03 67.0 { CL 30 ft from end of house
Tom & Mr Meyer

47


238' from
CP
13'
179'
173'
#53
3'
5'±
52
100' from 47
0±
67'
Bldg
Bldg
Bldg

1 180° ± 300 11/15

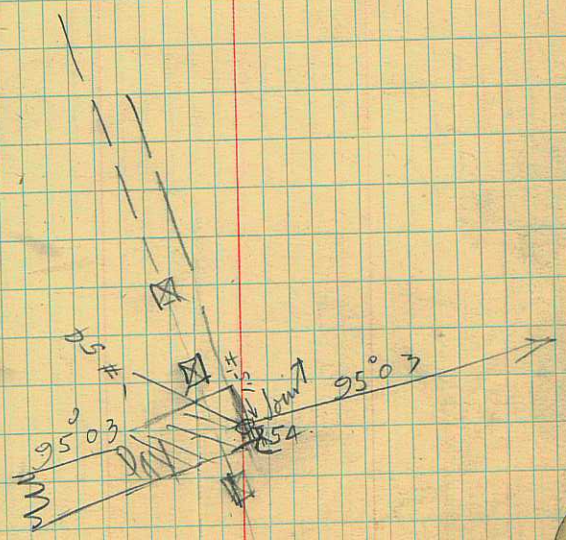
3 35956 closing error 0°04'

2 ✓

2 11°48 197.25

54 ✓

54 95°03 238.95 ✓



85 Bar

4665
4850

4850
4730
120

38

July 6, 1949

Providence City

597 86

Road study —

Main 435 South & East

2000' from Ward Church

and E

at N Ward Church intersect

at Old Jensen

4850
4665
185 - 17000
9

Old Jensen

Lane x

17,900 1300
9

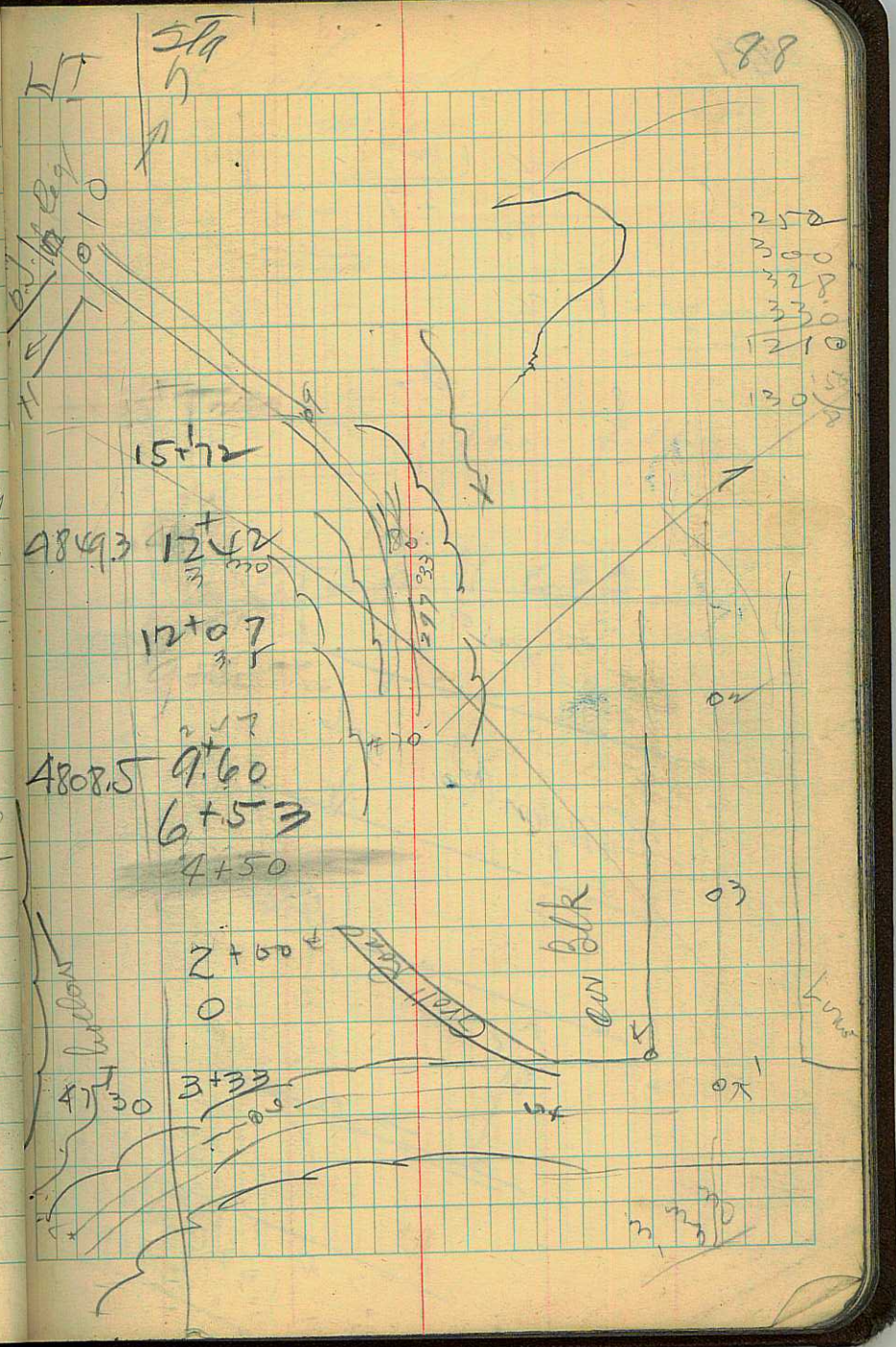
16.5
32
330
495
528

87

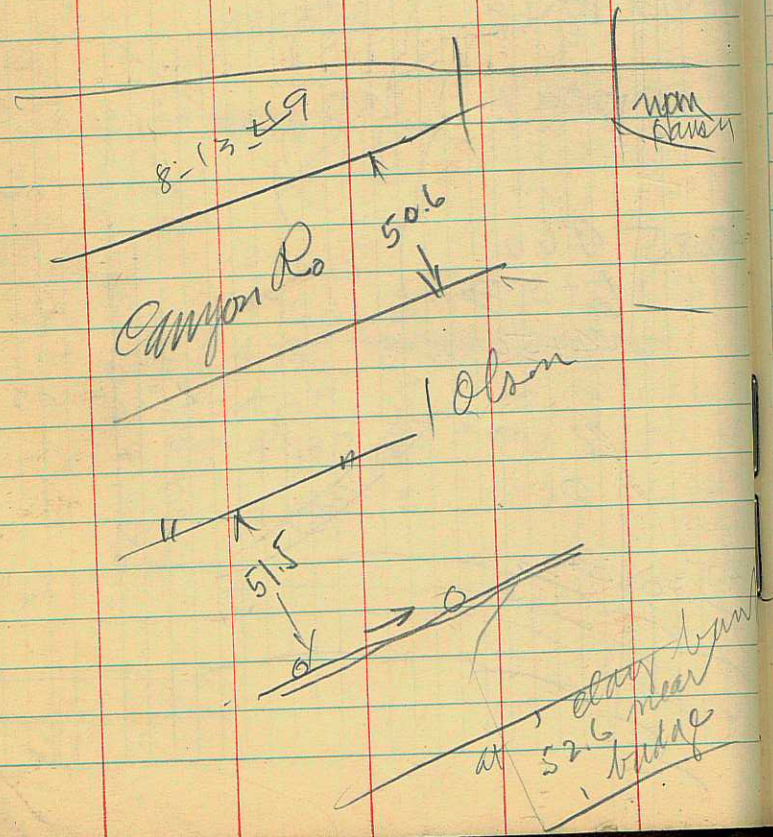
Elev

	10	271°40	4858.7	5.0	+2°25 6.30
TP	8	100°		5.	-6°32 5.39
			4844+		
	TP 8	297°33	4839.7	3.	+8°02 5.55
	TP 6	163°		3.	-8°08 6.15
			4803.5		
	TP 6	358°16	4760	3	+6°06 6.28
	5	356°24	4735	5.0	+3°48 3.15
	4	33°45	4725	5	+0°10 5.66
	3	81°50	4713.7	4	-5° 5.3
	2	89°	4703.2	3	-3°50 6.33

88



89



Richmond

90

1-20. meas 7-11-49

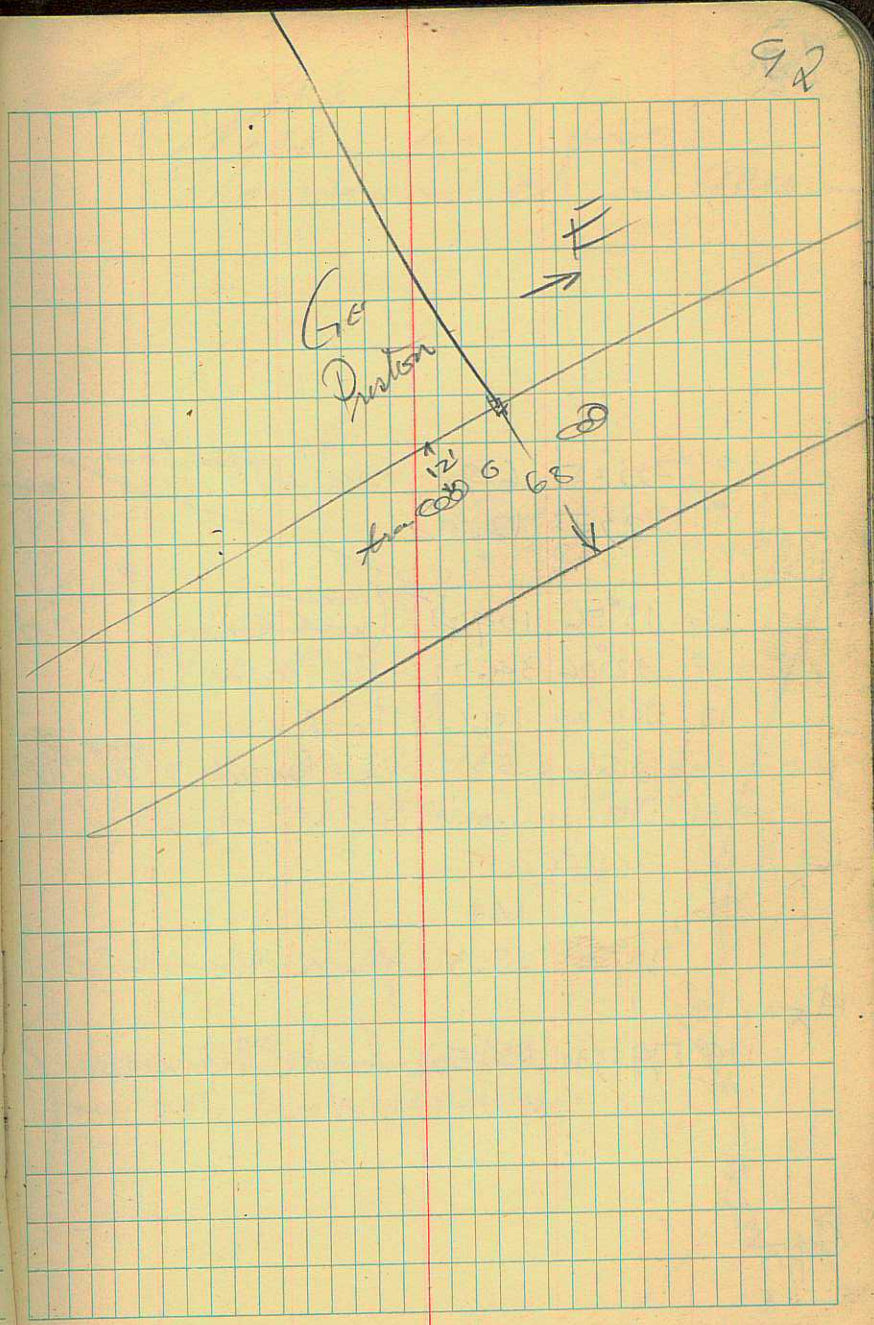
$k = 44$

2.4

2.5

Type full

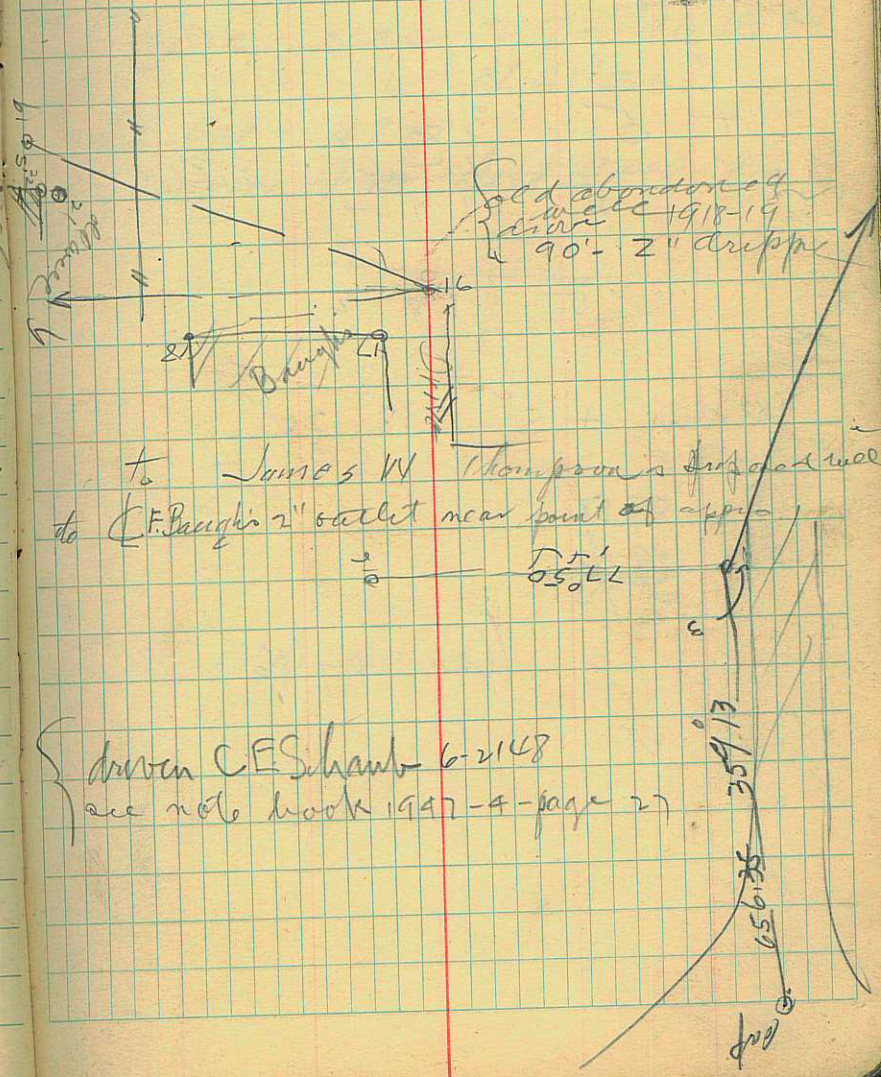
Q = 2.4 CFS


Ge
Duration
12
6
68

			Thompson bears
a2	233° 25'	6.80	NW cor
a1	223° 53'	12.00	
19			
19	13° 56'	109.25	(near wire)
18	327° 06'	34.7	Brick cor
17	266° 20'	19.6	Brick cor
	13° 56'	53	+ Baughs + fence line Thompson
	36° ±	1.00'	
16			
16		144	
16	77° 50'	28.3	fence wire to SE.
14			
14	179° 13' 30"	656.50	found RR spike
2" No Cap			

Aug. 25 - 1949 94

Wire fence for Thompson on S. Main



driven C.E. Schaub 6-21-48
see note book 1947-4-page 27

9X

+ 5° 37'
14.6
5 174
8
5 18 2

14.6 6c
360

10 am + 5° 18.2c

① 89 17
② 89 16
89 17

Use 89°16'

Willow

6 35'±
Small Bud
Peterman

Line Dec 29 - To 13 N
1E = Ld N 41°50'±
Co Rd - 4810
S for 9 am Sept 9-1959-

430
12

750
8
1500

Set on 5/4 cor rec'd 9-13
N 1 E

to N edge silo

99

91°24' 2350
91°24' 2300 + 6" line
91°24' 2200± turn 6" line
91°24' 1000 pm

91°24' 37½ beg 6"

3c 91°24' 370

3b 91°24' 170

91°24'

3a 257°20 33.1 C to post 6x8
26°30 38

3 180°16 247

89°16 110.00
89°16 99

Cor.

Survey Dec 9 - 1909 for Riverside Co. Water work for Roof-Crack 370

316
160
280

along North Road

N 20° E Well #1

1st Riverside
5
4'
1½
8

N 16° E Well #2

to well #3

Well #3

Crescent

270°50' ±

to Side Line
to Essick LANE, a fence

Road

99 ft

a stone marked
SE cor Sec 29
T 6 S R 5 W

8 ^

8 95°05' 1390

95°05' 1000 pins

95°05' 768 breather

95°05' 700 enter brow of Smith Creek

9505 550 + Smith Creek

8 95°05' 70 brookbed

5 27°52'

7 ^

7 N 1.00

6

6 92°49' 1058

92°49' 1000 pins

92°49' 506

92°49' 84 to ℄ Hammer Car

5

5 356°20' 9'

4 ^

4 91°24' 2467.00

91°24' 2350

V 15

5 8 5

109

20' deep

bottom

enter Smith Cr. bottom

1.0000 10 50

9458 [illegible]

5700 [illegible]

000 29

3

BS 5 set 27°52'

3" breather pole

~~to 3" breather~~

10

Smith Creek

bear 595° W

to 3" breather pole

3" breather

103

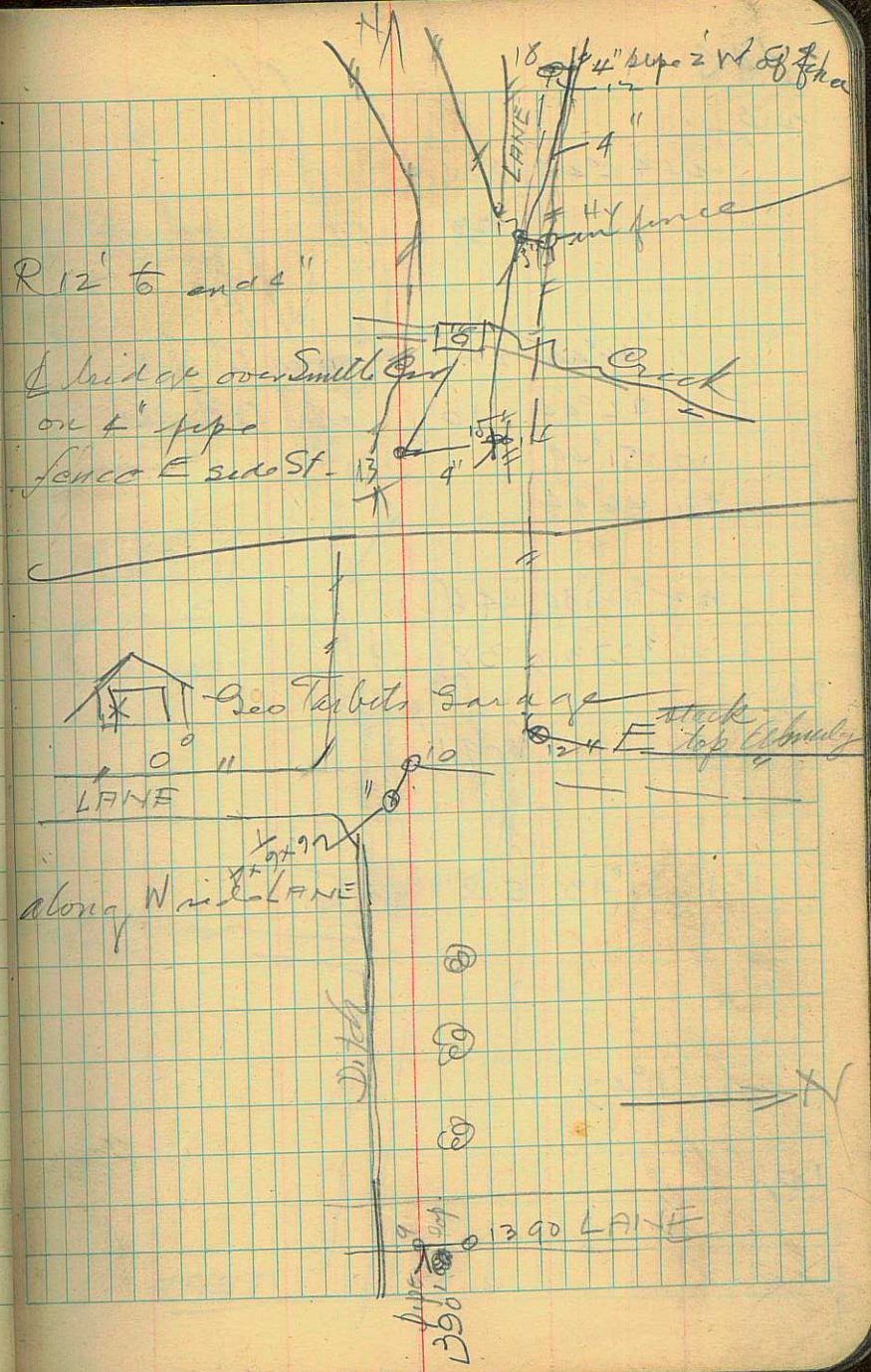
71°49'

10

18	197		5.8	+1°35'	12
17	197°30'		9.17	0°39'	12.0
16	196°15'		10.4	0°	12
15	261°	47'			
14	261°	50.			
13	173°30		6	-1°55	9.6
12	113°	48.5			
11	280°30'	12'			
	71°49				
	170°41				
	~~47°~~				
	0°				
10	91°29'	32.15			
	91°29	31.75	t Ennis ST		
9	358°40	19.0			

R 12' to end "

℄ bridge over Smith Creek on 4" pipe fence E side St.



105

24

24 46°44 824.2

723

46°44 225' (over 6" hitpo)

46°44 110 app O Bentley

10 251°49

23 46°44

22 327°30 46

21 327°30 38 "

20

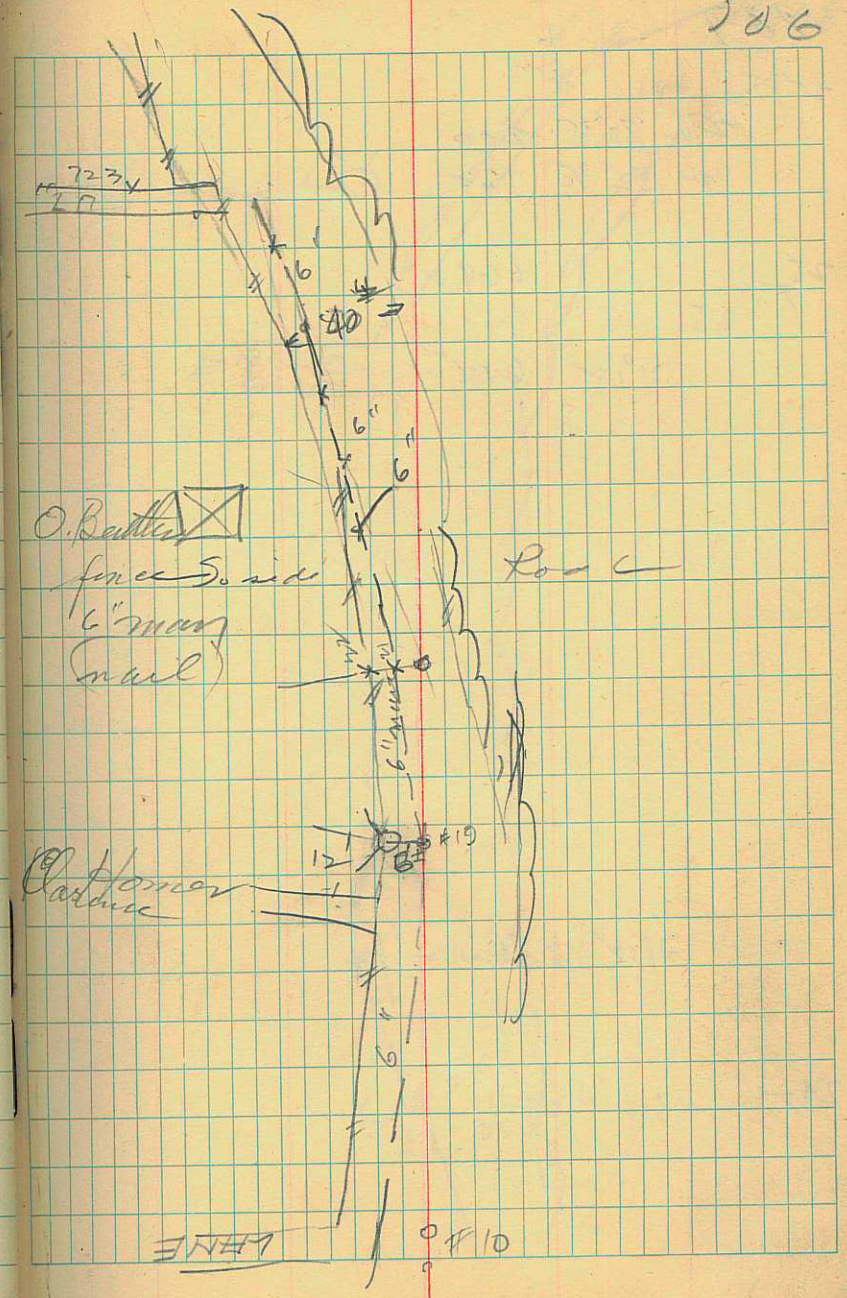
20 809.1'

19 71°49 528

71°49

10

106



107 104°16

27 27 82°35' 200
26 82°35' 166

25 669.2

25 71°12' 644'

71°12' 86'

24

108

166

left 2' from ⌐

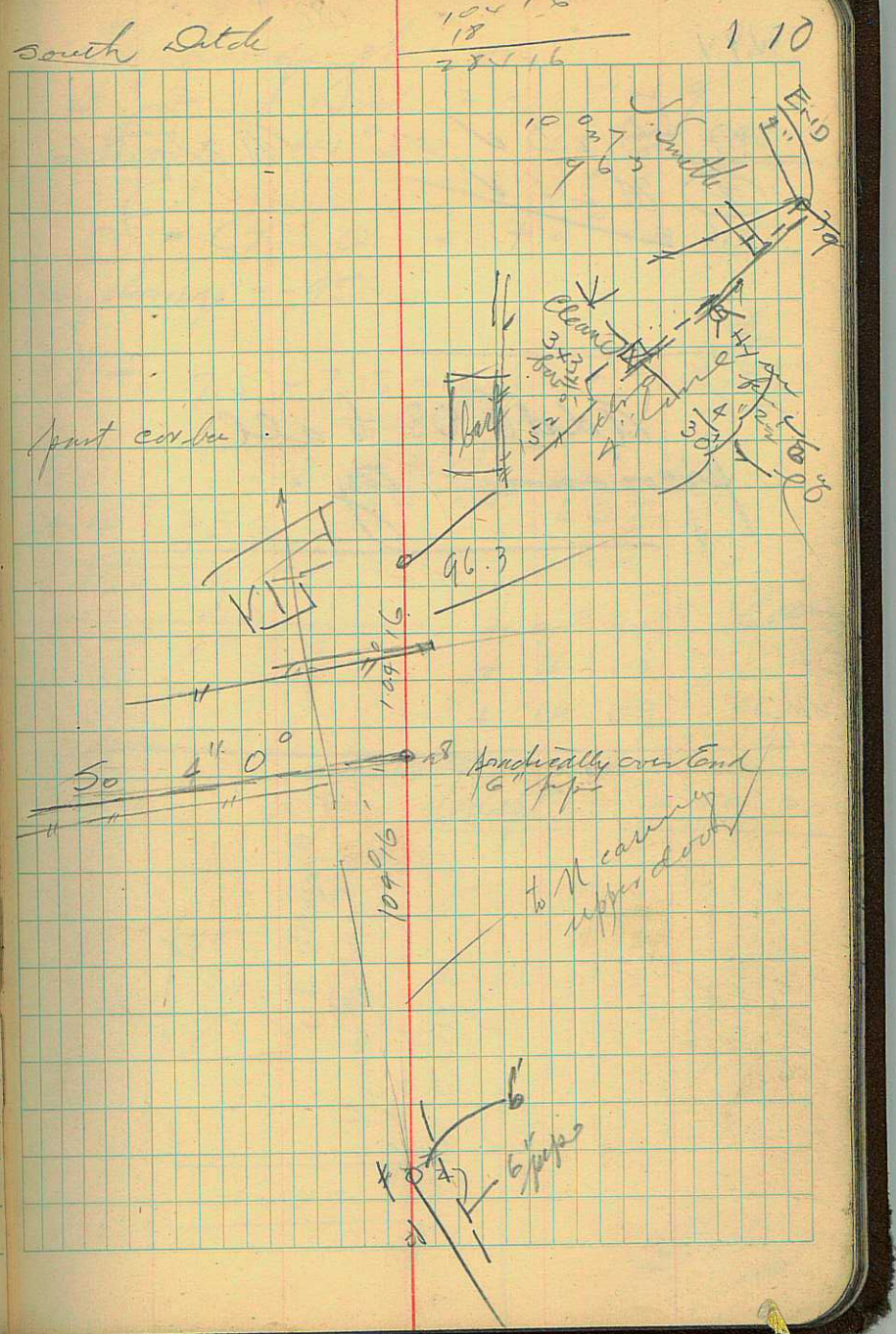
⌐ Brick Basin

71°12' 16 43' to 6" pipe

outlet 6" pipe 35'

109	0°	1628	mid of cl
		1026	canal E & W
		1000 plus	
28			
39	152 11	633	
38		602	End post pav
37	152° 11	415	
30	152° 15	338	
	152° 15	116	enter John Smith
29			
29	104° 16	96.3	
	104° 16	44	Geo Talbot to W end St enter
28			
28	104° 16	54.3	
	104° 16	509.8	to W side Mic. St.
27			

South Ditch



180 16 8

① 89°24 ✓
② 89°24 ✓

Medgesilo

∴

Add 0°08' to all previous ∠ ∂.

Checking ∠ on
St ≠ 2 & Dept 12 - 19 x 9
∠ = 41°50 Co ∠ = 48.10

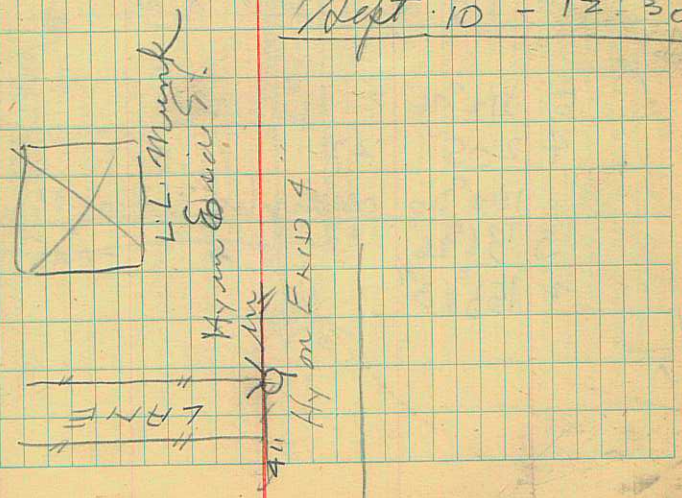
∫ = 7.0° = +4°23.8
Lly change = -95

∂ = 7.5 + 7.5 = 15
.95
75
135
14.25 - LCT

+4° 23.8
14.21
+4 09 35
+1.4
4 10 95

+4° 11' 8 am
+4 10 8:30
+4 09 9.00

1909 Dept. 10 - 12:30 P



113

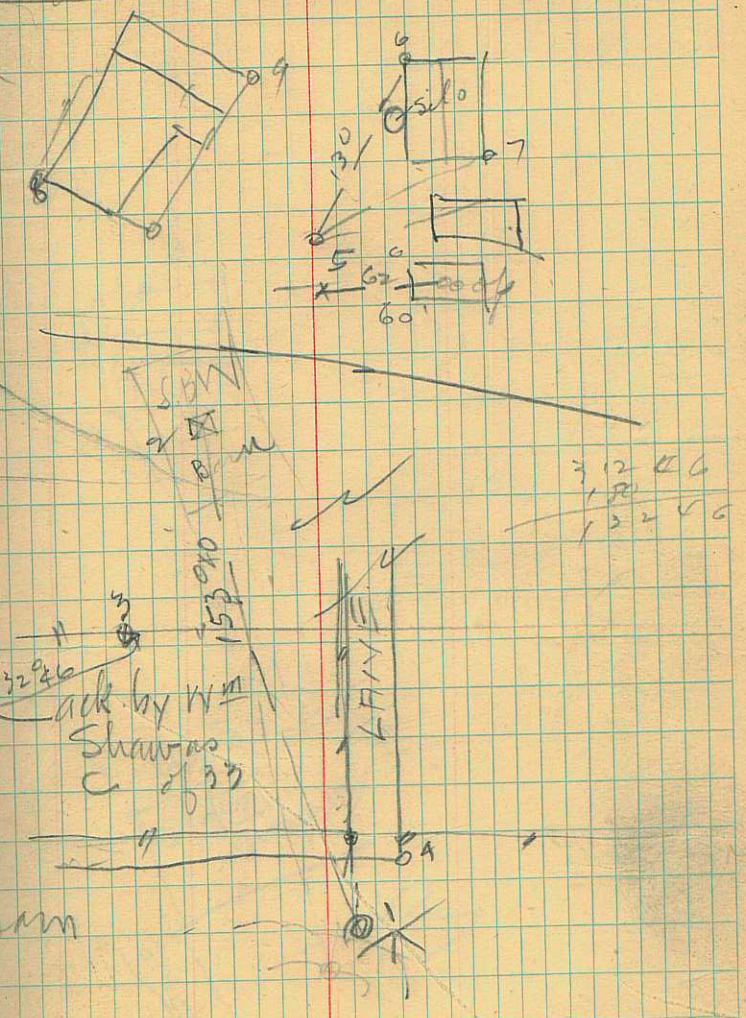
Oct-2-49

4700 Topcon.

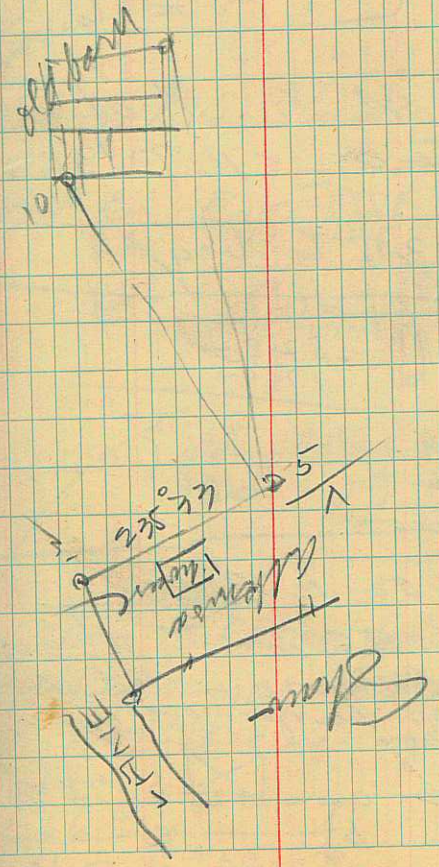
diverting flume

Upstream adjoining road

114



	1) 162°17		2.83	6.60
12		✓	2.87	✓
	12 235°33		1.0	2.19
	11 327°30		4	11.55
	10 323°35		4	11.6
	9 214°36		5	6.0 ✓
	8 185°20		4	5.0 ✓
	7 31°30		4	5.71
	6 13°	✓	4	5.85
5				
	5 312°96		2	11.8
	4 205°	27'		
	102°30	maybe W 4 cor 33, a		post
	3 136°26		4	-045 11.40
	2 153°40'			
1				


platform
10
5
235°

FB = field book

117

RR Co
to Kung

Beg 3' N of SE cor
Bck 20 — N 76.36 ft,
W 133.15' S 76.36'
E 133.15'

Minnie Hansen to
U. T. C., or = to

Beg at pt 3' N of SE cor
Bck 20 — N 73.36 ±
W 133.15 S 73.36 ±
E 133.15 to beg

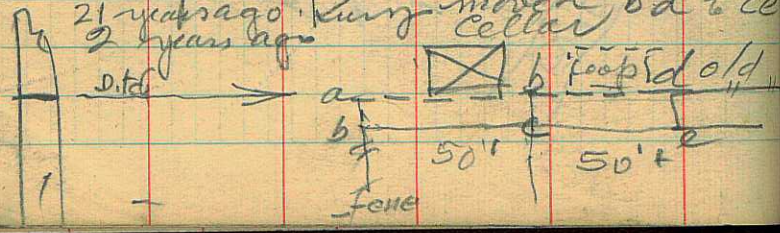
66 ft

-52 82
117 99

+ 117.99
74.21
192 ft

252 82
186.5 ±
66 3

Montrose decc.
moved fence out about
21 yr. Montrose moved abt bc
21 years ago. Kung moved bd to ce
2 years ago.

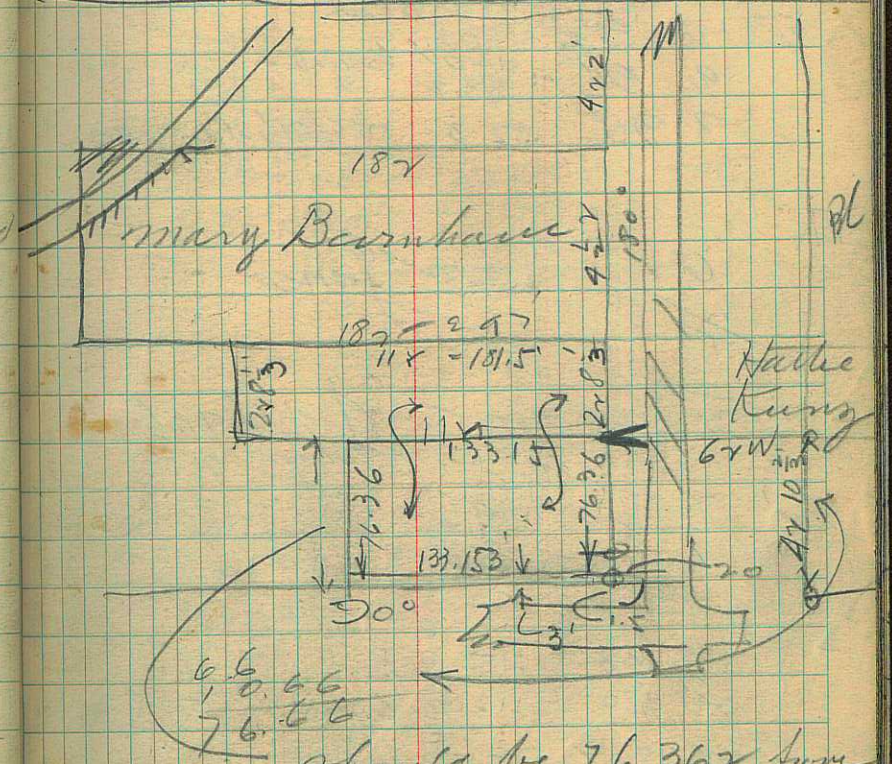


Oct 13 - 1949

118

Survey & Study of
the Buckingham property in
Bck 20 - "D" City

Dec FB Book 1946-3 p 18 for
desc & on Book 1942-12 - 8



should be 76.36 ± from
Bck line and 73.36 ± from pt 3'
N of SE cor.

76.66
3 3
8.33
117.99

more

119

	Bg	Dist	
12	90	306	to old fence bear SW
11	90	292	to stake S 15½ to old
10	90°	179	to cor
9	90°	180	
8	90°	140 ±	beg of fence moved 12 years ago
		93.2	
7	90°	82.3	to bit bolt gate
		140	
6		252.8	of fence
~~5~~			
5	180	186.5	to old cabin
		185.52	for diversion line
		~~140~~	
7		129.6	to Runkin line
4	180	117.99	should be Burnham
3	180	115	possible line
2	180	112.4	a joint impr with by
1	180°	75.5 ±	
0		0	

111

to - 17 - 49

Burnham & Mary 120

Part Blk 20 - 'D' City

1488-sq ft

186.5
112.4
74

91.1
26
53.5
17.3
123.5

and 123.56 with beg 0.8 E of R 54 to Egg fence

R 54

L 14.3 to

17.3 →

Spruce

Nail in post of gate

Fence ends

252.8

73.17
73.17
5 5.7

67.3
26
41.3
140

Back = 68

73.17
73.17
5 7.45

Bg. 6 = 180°

#10

Cellar

Well

17.2
17.2

Old Foundation

Burnham house

4.73

Mrs Eggers duplex

4.93

Bolt 10.33 Found

1.66

1.5

Old concrete retaining wall

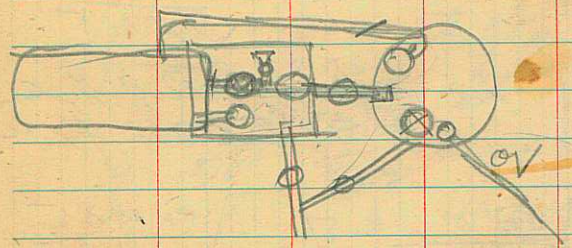
112.4 ext line

Bolt 90 N along W edge Par line up 1.66 & old cor and point 180°

If you used beg 4 & 10⅔ of 5 & 6 or 13 & 6 you run into Montoro house !

121

Amalga



122

123

Gage —

Pt.	Depth D.O.	Rec.	time

BS FS HI

4.55 Hi H₂O

3.61

5.37

1.49

11 × 4 =

1.9 =

6 7 × 10

(5) 7.8

5.48

4.36

(4) 7.3 =

(3) 7.76

Pom (2) 3.08

(1) 8.0.0.

30.27

1 2 3 2

17.95

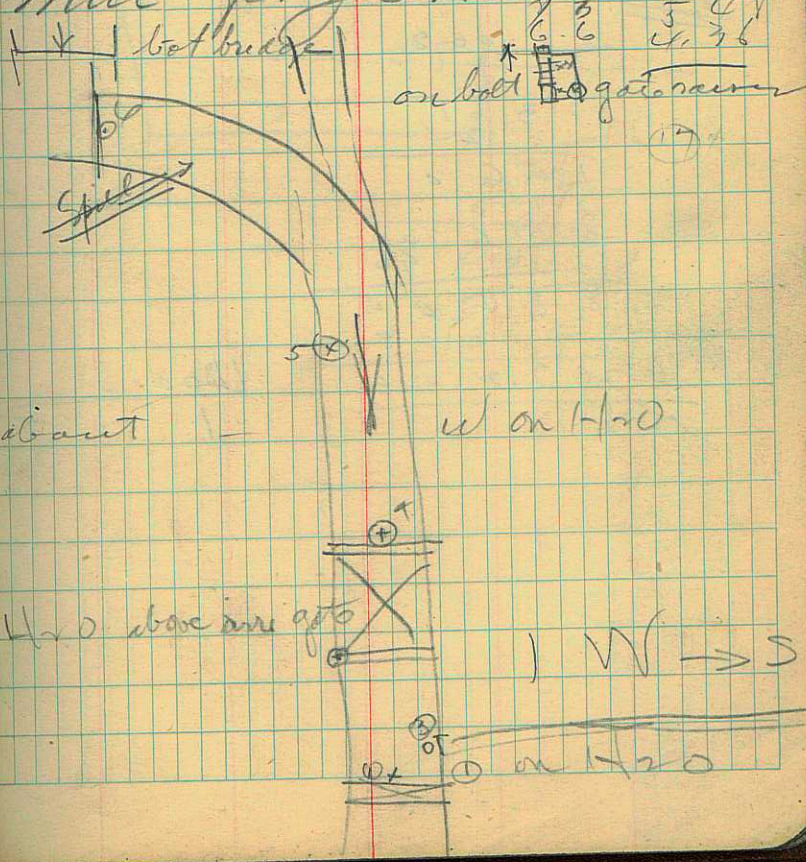
1 = .3 =

Oct 23 - 1949 — 124

Water in drainage ditch near Vern Begeron's driveway. This is the water out-flow of the old County Poor Farm SW¼ of NW¼ sec 26 - 12 N 1 E

Nov. 15 - 1949 —

Levels at old Thatcher Mill for Joe Hodgson —



125 B

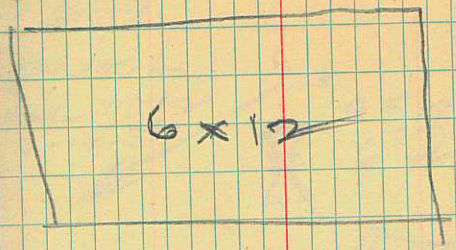
17
80
1360
.09
122.40
-5
610
854
915

008

361
24
1460
730
8760
90
788400
.008
$6307.200
-23

100000
1

126



72



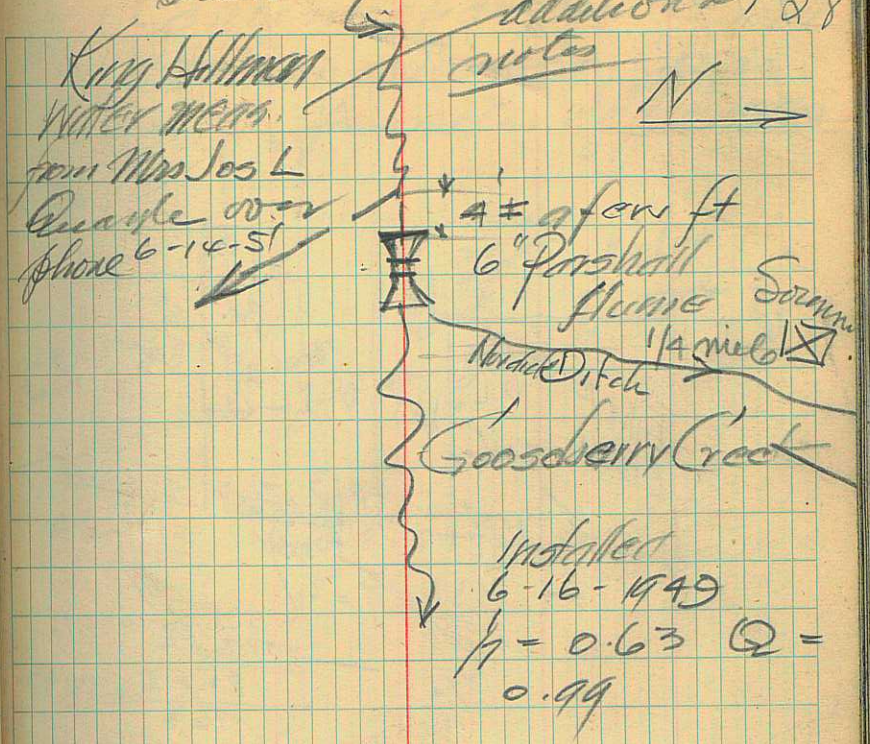
4.5
12
90
45
54.0

127

1/4 mi up Stream

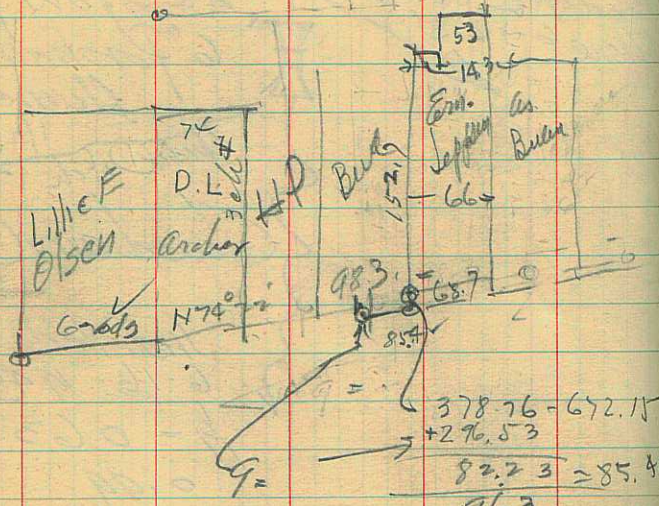
Sorensen Diversion

addition #128



Installed
6-16-1949
h = 0.63 Q =
0.99

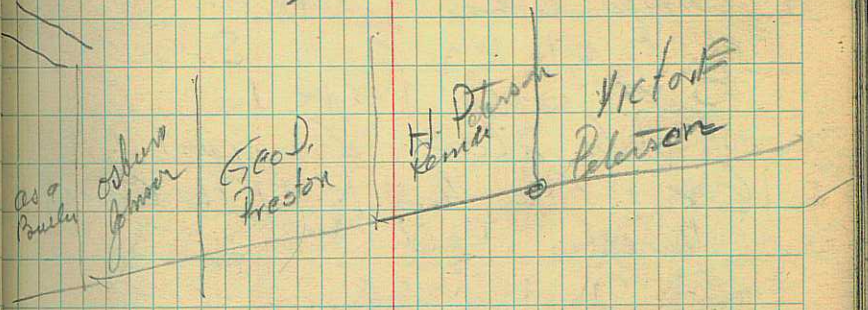
129



49

Continuation Book 130

Patterson Survey Acc
64 + for notes of C-1949



42

85 ✓
68 7
-15 ✓ 1

~~23-416~~ ~~Geo~~ D Preston
40381 Beg at pt on N L
Canyon Rd 31 rdx = 511.5 NE
of a pt 6x E & 8.90ch
S of SW BCR 1
N Wly along Canyon Rd
6x; N to R of W of the
NWerly Fee R of W to
pt N of beg S to beg.

66-201 Recrd Gard title
to H Peterson
Beg 15 x = 247.5 E & 5.90 ch = 389.4
S W cor BCR 1 E
~~Eighth~~ 5 11 x = 181.5 N L Can
Rd NE along sd Rd
3 rds = 561 N to L N Irr L
R of W NWerly along
sd L pt due E of beg
W to 13 x = 214.5 to beg.

3 1/6 42

D
56-58 H. Peterson to
Lathene "

Beg on N L Can Rd
25 x 14' NE of pt 6x E
8.9 ch from SW cor BCR 1
N Wly 5 x 2 1/2', N to L N
NWerly along rd to pt

81-207 Madsen to
Johnson Rec 1

Dean McCarthy Acc Bullen
82-207 Fairyco "
Beg 20 x - 11 1/2 E of
pt 8 ch = 5 = 5824 -
N Wly 5 x 2 1/2 ft. N to Low
Wtrly along Can Rd R of W
to pt due N of beg
S to beg.

56 179°07' 116 / 2.6 + 26°20' 4.0 ℄

55 181°12' 100' 1. + 23°40' 2.9

54 206°39' 1162 cor pat E side

53 68°24' 11.50 12" hardwood tree

#9 77°20

52 ℄

52 257°20 5.10

~~254°21~~ 423.1

257°20 324.1

257°20 new tangent Preston Ave on S. m l E side Ave

257°20 103± 239.1

230°31 100.9 to new mon bur 2.5' above Elec Pwr sandpit Powerpole

287°16 no evidence of a line

~~254°22~~ 154.1 ← mon at end of line

93°30 meas. 85.4

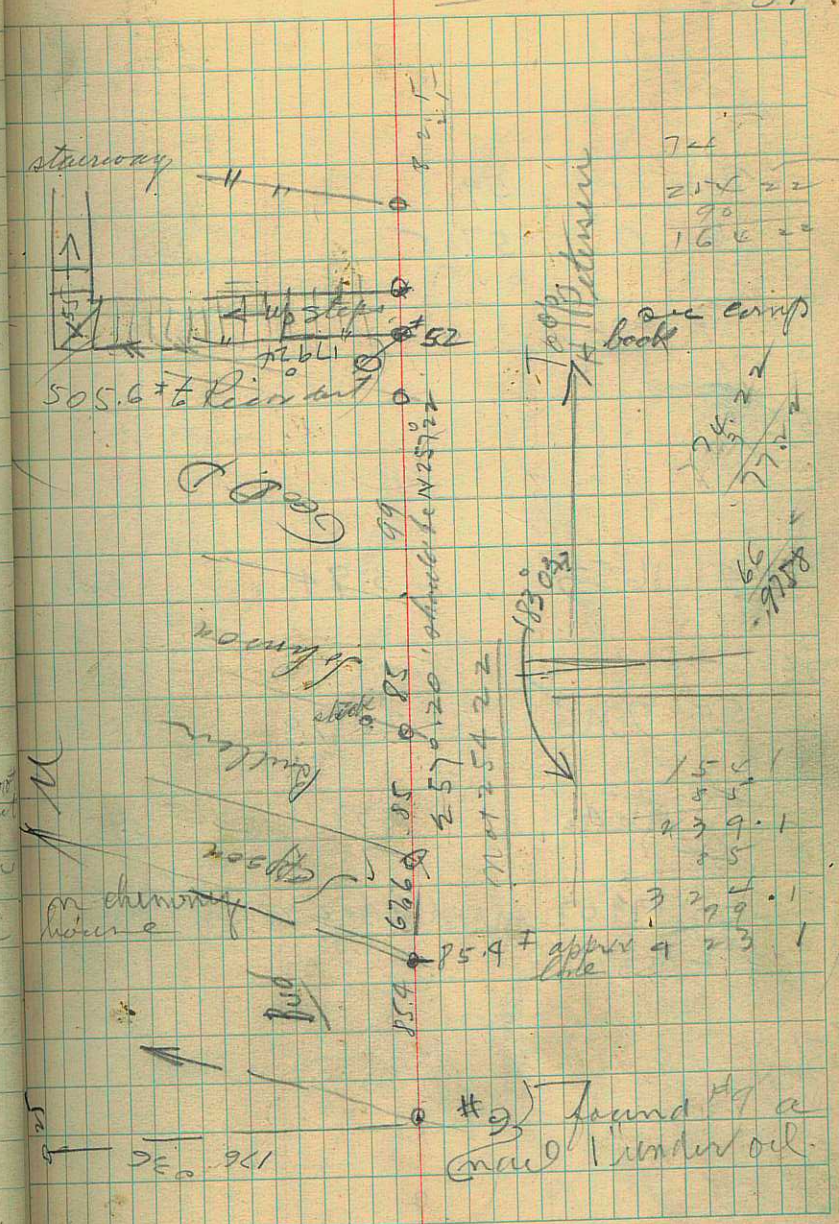
~~254°22~~ = 85.4

#25 176°36

~~254°22~~

9 ℄

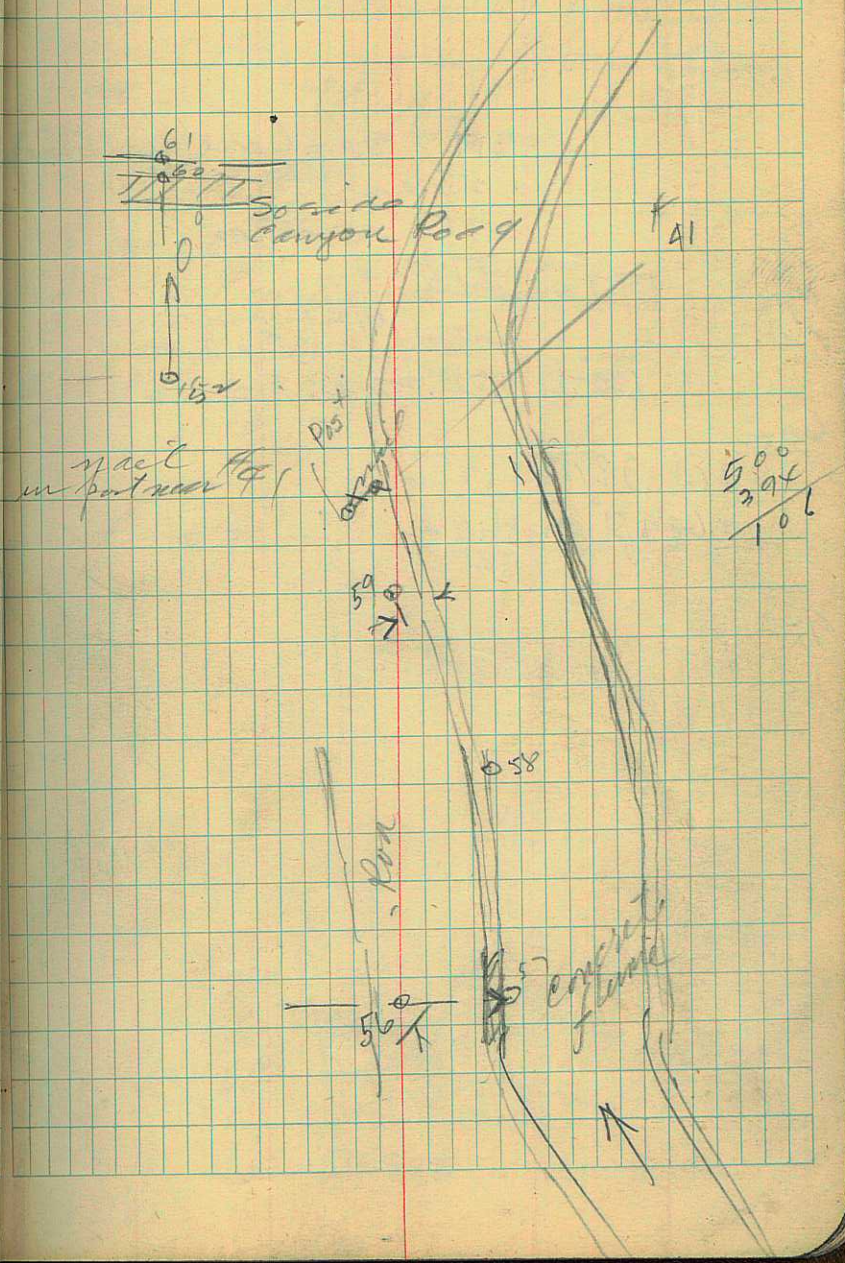
18 x 22


stairway
up steps
505.6 ± to corner
Top of Retaining wall
back
Elec comp
N 25°20' W 229.9
N 25°20' W 229.9
N 25°20' W 229.9

135

61	0°	59	
60	0°	57 3.5	
59	77°20		
52 x			
41	86°53	3.94	5.00
59			
59	99°40	2.30	4.0
58	106°40'	3	3.95
~~58~~			
57	179°07	mixed edge conf. flume / canal	
52-35	9°07		
56 x			

136



137

217 should be to pt 86 S of
225.6
225. as meas
~~225.6~~ 77.2
17°00 11/2" from mon
set on 50 mark
180°51 152.2 as meas

61.

60½

61 58°28 12.56
60 25°03 86.94
98.25

9½

11-19-51

138

Continued study

Road Location for
East Canyon Road

00
+
Garage

#37

to garage door
feet 1/2 E of Garage perhaps gas can 18" tie
outlet

My hub projects 1.5

SW cor Stone Bldg
on bottom block

17.96
1.52
16.44

to pt N74°22'E 2.80 of Road Survey

0
+296537 00.38

17900
31.22
98.28

N 7°23' W

Obscure

HP

N 77°22' E

N 7°03' E

N 81°32' W
12.56

S 15°38' E

25.28

139

66 257°22' 337.6

262.55

65 338.6 SE cor

66 257°22' 153.6

68.6

63 257°22' 68.6

34°20' 67. fence

63 257°22' 68.6

62 nail

62 254°22' 410.2 Buds SE cor

62 254°22' 311.95 Buds SW cor

61 254°22' 205.

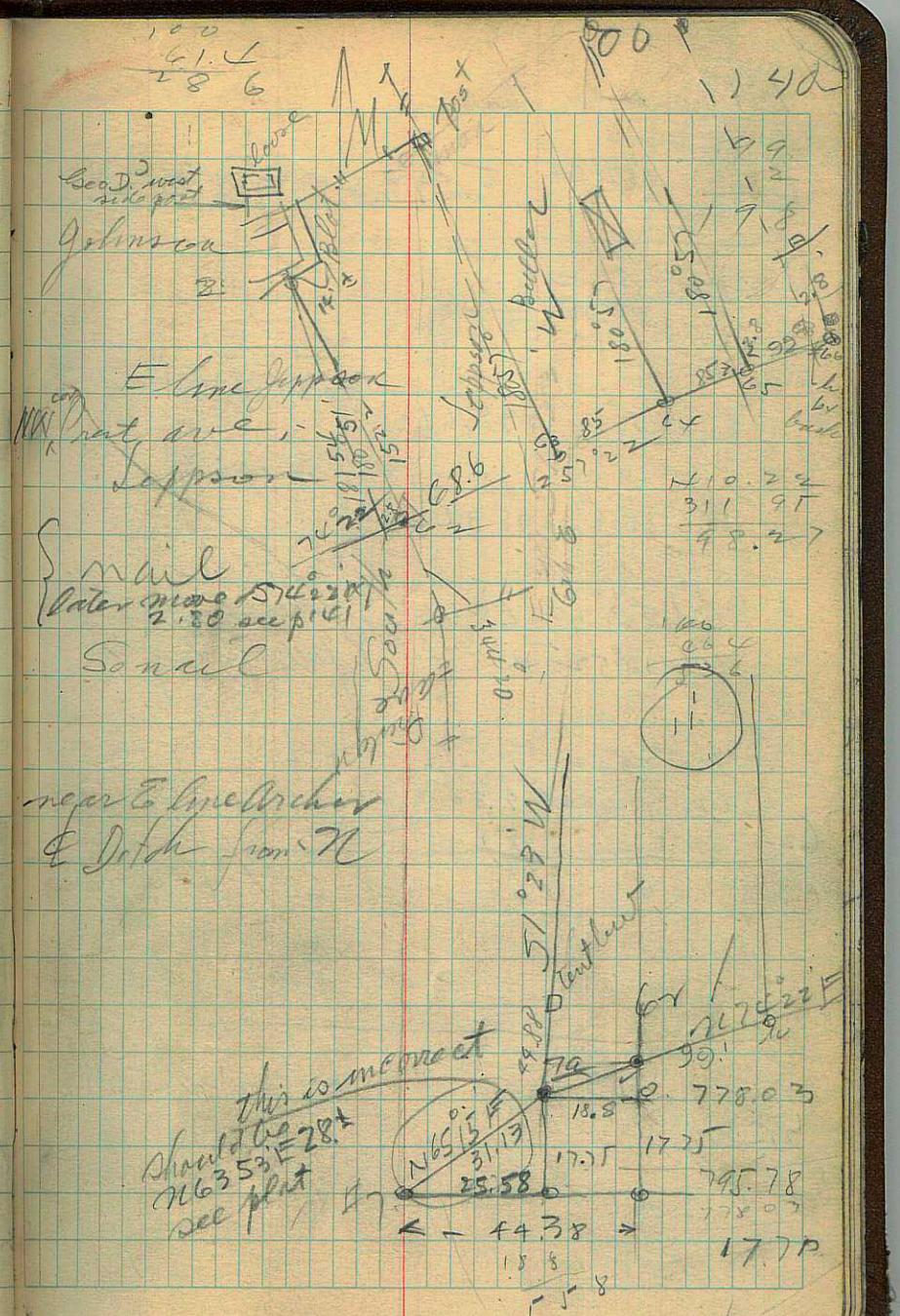
259°22' 133.7

76 259°22' 99

181°23' 44.88

7a 245°15' 31.13

7



141 Ary Dist

62b 181°54 to cor on W side of ace 31 Bullen

62c 25 7 2+

Geo D
7.8+11+11=Dist

62d 25°22 238.66

Thompson

85
62c 25°22 153.66

Bullen

85
62b 25°22 68.66 to bet fall Jeppson frontage
26 181°52 1/2 Eng post 4x4

62a
7a 74°22
62a 57°2 W 33 5/8" 2.80 at tent stakeville road

62

63 180 57 cor portion 37

142

169°-0

Canal

#40 property

Post

53 Thompson

13 1/2 N 53 1/2 W Post

Bolfin Wall

N 53 1/2 W 153.66

N 36 1/2 E 153.66

N 53 1/2 W 153.66

Thompson

No property on

N 36 1/2 E 153.66

Bullen

#62 Jeppson

85

62a 2.8 68.6 2.8 N 77°22E 257°22

#61

68.6

7a N 74°2'E 257°2'W

Old stake dug and Geo D metal tag here Set by N Patterson

38

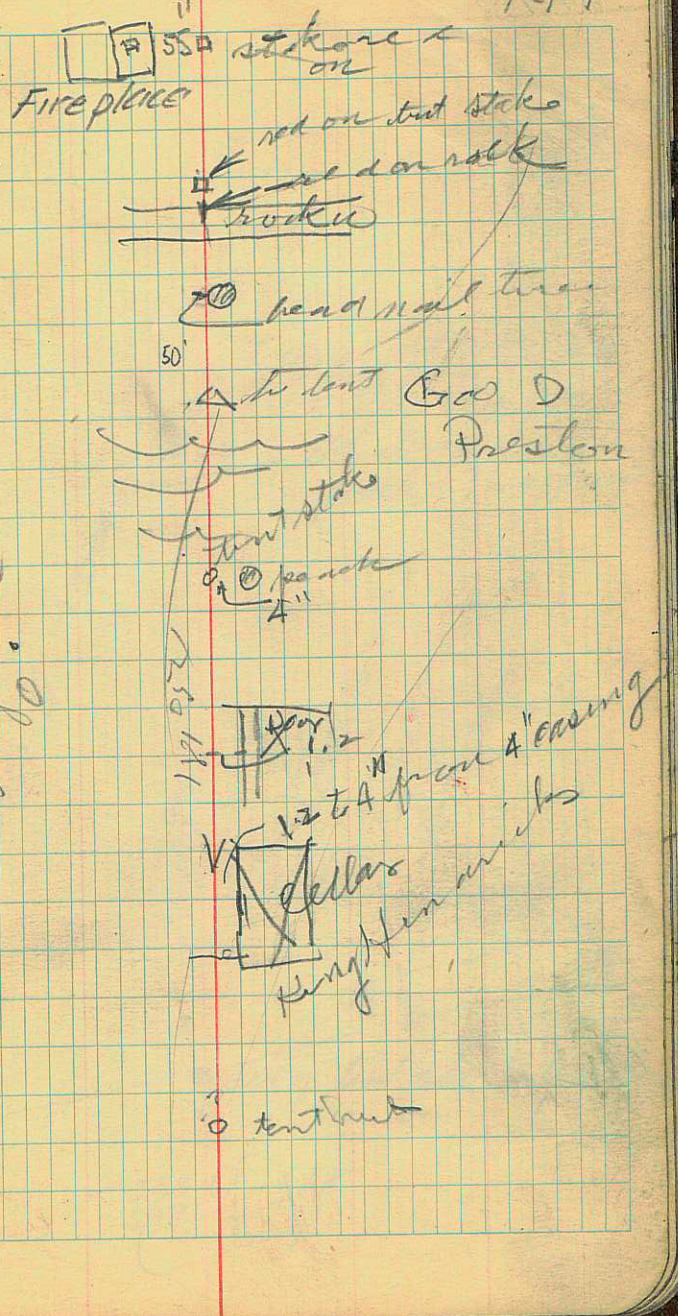
66 2,80

18°54

62d

18°54

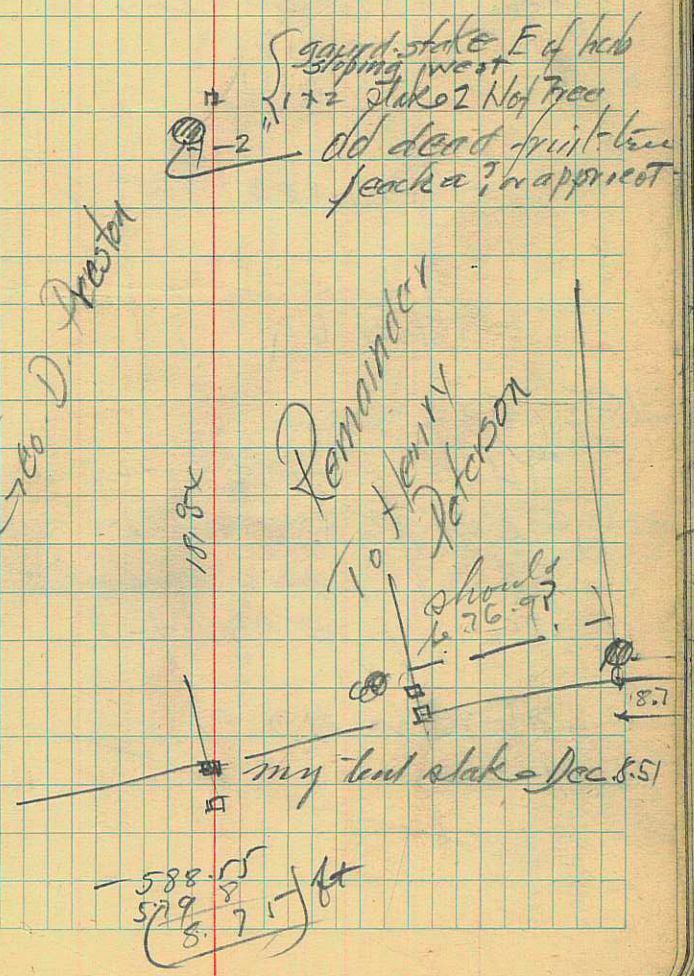
62a



145

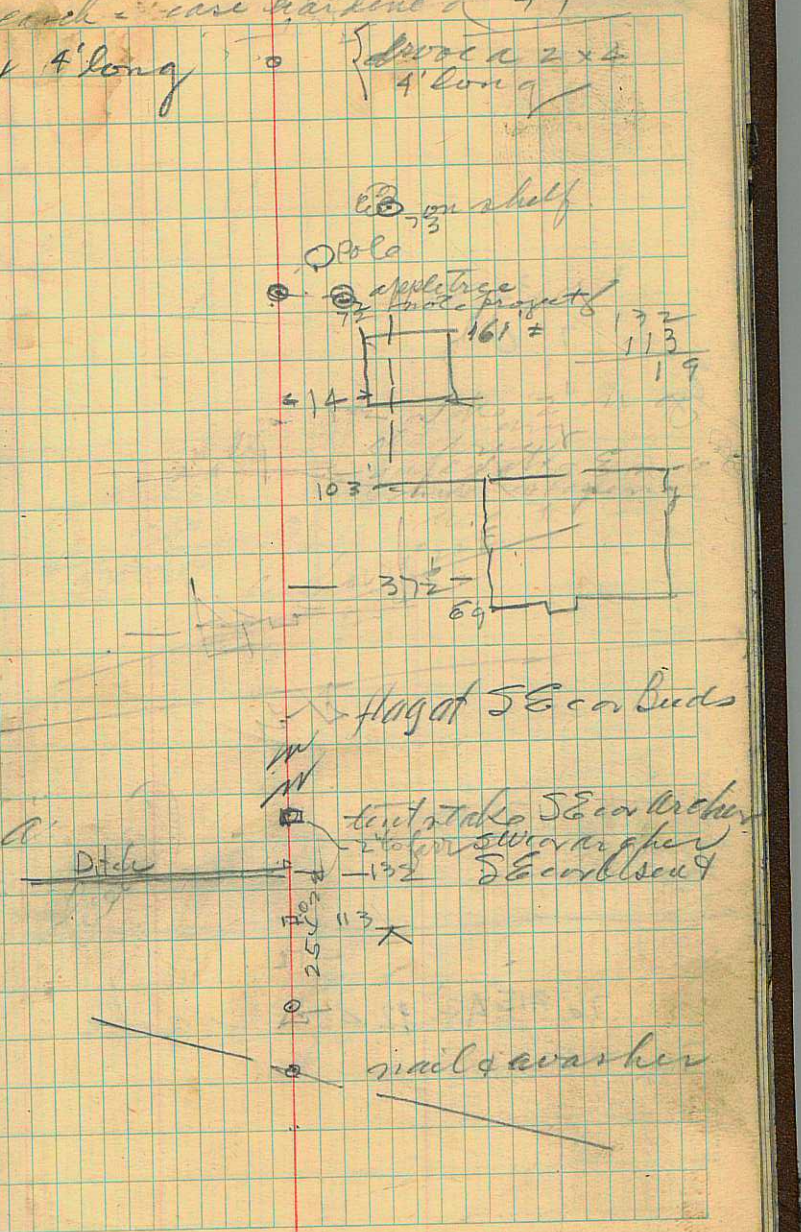
62 E T

146


gauged stake E of hedge sloping west
1 1/2 Stake 2 Hof Trees
-2
old dead fruit-tree
Peaches ? in appleorchard
Geo. D. Preston
Remainder
to Henry Jackson
should be 76.9?
18.7
18.84
my land stake Dec 8.51
588.5
529.8
8.7

		17+ ± to 20" cotton wood tree fell 7 3/2" E	
74	181°23	99	d
73	222°01	26.28	
72	278°33	18+18	nail on appletree
70			
71	181°23	188	pin
70	181°23	198	cor
75		161	
		144	
	181°23	103	
	181°23	69	
7c			
7f	254°22	209.5	1/2" stake with cedar nail
7e	254°22	135	stake & cedar nail
7d	"	132.0	in L Ditch
7c	"	~~48~~ 113	hub
6	7b 254°22	99	
7a			

each = 2 cedar hardwood stakes 1" x 1" x 4" long



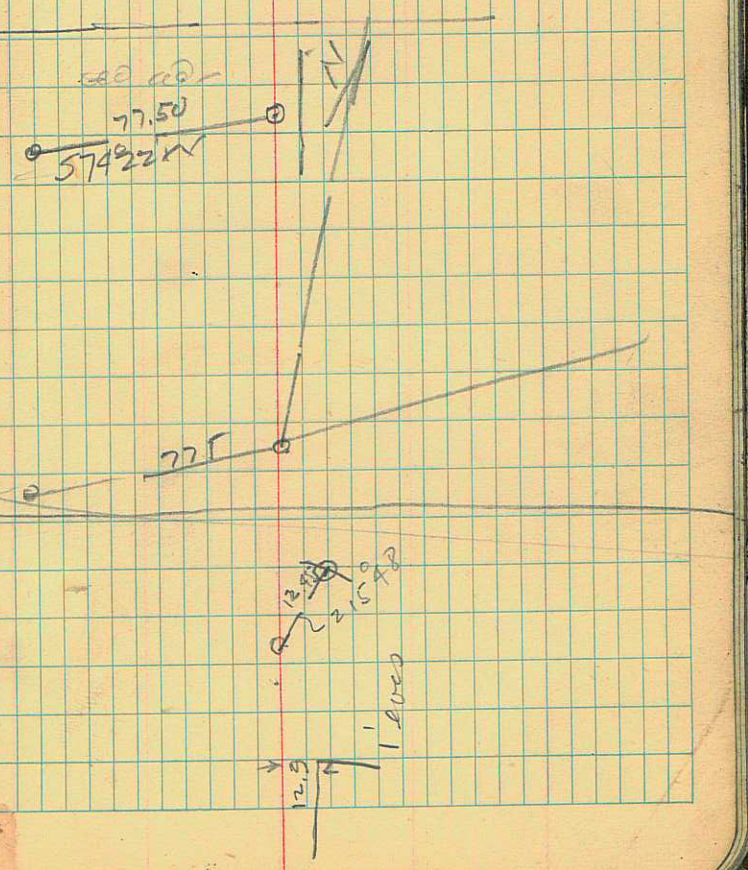
345°51
70°
2x

177°49
7fx

76 215°48' 12.45 ℄ pole
70x

Lot 1-2 Survey of Bud Peterson

Tentec



155

62
62
124
372
38 44
38 45
36
24

CURVE TABLES.

Published by KEUFFEL & ESSER CO.

HOW TO USE CURVE TABLES.

contains Tangents and Externals to a 1° curve. Tan. and ther radius may be found nearly enough, by dividing the Tan. site the given Central Angle by the given degree of curve.
Deg. of Curve, having the Central Angle and Tangent: opposite the given Central Angle by the given Tangent.
Deg. of Curve, having the Central Angle and External: opposite the given Central Angle by the given External.
Nat. Tan. and Nat. Ex. Sec. for any angle by Table I.: Tan. wice the given angle divided by the radius of a 1° curve will Tan. or Nat. Ex. Sec.

EXAMPLE.

Wanted a Curve with an Ext. of about 12 ft. Angle Intersection or I. P. = 23° 20′ to the R. at Station +72.

Ext. in Tab. I opposite 23° 20′ = 120.87
120.87 ÷ 12 = 10.07. Say a 10° Curve.

Tan. in Tab. I opp. 23° 20′ = 1183.1
1183.1 ÷ 10 = 118.31.

Correction for A. 23° 20′ for a 10° Cur. = 0.16
118.31 + 0.16 = 118.47 = corrected Tangent.

(If corrected Ext. is required find in same way)
Ang. 23° 20′ = 23.33° ÷ 10 = 2.3333 = L. C.

½′ = def. for sta.	542	I. P. = sta.	542+72
½′ = " " "	+50	Tan. =	1 .18.47
½′ = " " "	543	B. C. = sta.	541+53.53
½′ = " " "	+50	L. C. =	2 .33.33
0′ = " " "	543+	E. C. = Sta.	543+86.86
	86.86		

53.53 = 46.47 × 3′ (def. for 1 ft. of 10° Cur.) = 139.41′ =
2° 19½′ = def. for sta. 542.
Def. for 50 ft. = 2° 30′ for a 10° Curve.
Def. for 36.86 ft. = 1° 50½′ for a 10° Curve.

