

W 38

38

~~28~~

89



H. S. CROCKER COMPANY

DRAWING MATERIALS AND
SURVEYING INSTRUMENTS

SAN FRANCISCO

TABLES FOR EXCAVATIONS AND EMBANKMENTS

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING

Roadway 18 Feet Wide. Side Slopes 1 to 1.
For Single Track Excavation.

"Copyright, 1895, by Kueffel & Esser Co."

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	0
1	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	1
2	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	2
3	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	3
4	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	4
5	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	5
6	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	6
7	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	7
8	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	8
9	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	9
10	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	10
11	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	11
12	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	12
13	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	13
14	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	14
15	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	15
16	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	16
17	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	17
18	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	18
19	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	19
20	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	20
21	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	21
22	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	22
23	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	23
24	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	24
25	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	25
26	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	26
27	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	27
28	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	28
29	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	29
30	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	30
31	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	31
32	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	32
33	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	33
34	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	34
35	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	35
36	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	36

Calculated by Julien A. Hall, M. Am. Soc. C. E.

MICROFILMED
JAN 6 1955

24 1/2
47
345.0

Jaeger
4
Mausit line
Final location
Wulzma Conduit

476
491
349

4753
4906
4927
3494
919
19089

FROM
LORING'S BOOK STORE
SAN DIEGO, CAL.

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Dec 5. 6. 17. Ditch Location 1-8

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T18. S. R. 2E

Thru Sec 12 Ditch Location 11-25

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"Z" line 73

Standard azimuth - Barrett Data 73½

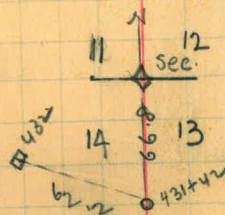
Property owned by R. M. Bloch et al 74

Ferguson's Land - $SE\frac{1}{2}$ of $SE\frac{1}{4}$ Sec 10 }
 $SW\frac{1}{2}$ of $SW\frac{1}{4}$ Sec 11 } T18S,
 $NE\frac{1}{4}$ of $NW\frac{1}{4}$ Sec 14 } R2E.

Sta.	Distm	Angle Left Right	Year Bear	Magnets
A 445+50 194.6				41°36' N43°11'W N44°00'W
A 445+50 194.6	✓	41°36'	N43°11'W	N44°00'W
A 443+36 206. ✓		79°43'	N84°47'W	N85°25'W
A 442+36 69. ✓		36°00'	S65°30'W	S65°00'W
A 440+50 178.9 ✓	15°14'		S29°30'W	S29°00'W
A 438+44 153.1 ✓	122°38'		S44°34'W	S44°00'W
A 435+50 241.0 ✓		38°37'	N12°48'W	N13°30'W
A 434+19 170.5 ✓		2°58'	N51°25'W	N52°30'W
A 433+00 119.8 ✓		2°06'	N72°23'W	N73°30'W
A 432+00 99.4 ✓		12°55'	N74°29'W	N75°30'W
A 431+42 622 ✓		92°36'	N87°24'W	N88°30'W
Cor 11-12-13-14 66.8' ✓		South 0°	S1°0'E	
West 1/4 ✓		West 90°	S88°0'W	

See F.B. # 253 For new
traverse thru Secs 11, 12, 13, 14 T185R2E
7/14/01

Point of Beg.



5.60 - 3.65

11.50 - 9.44

5.61 - 4.92

6.50 - 4.73

6.00 - 4.48

3.40 - 1.00

5.60 - 4.41

5°20'

6.16 - 4.96

2°00'

6.10 - 5.10

This sta. is intersection of line (434+19)
with S. line Sec. 11.

The next line bet. Sect. 11+12 13°40'

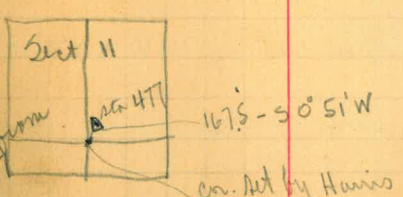
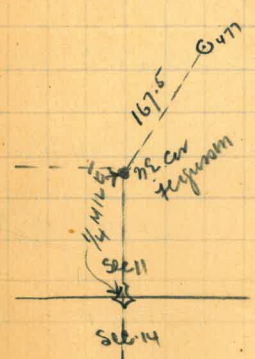
5.75 - 5.10

4.67 - 5.35

Cor bet Mc. 11-12-13-14 looking toward Cor. bet 9-10-15-16 T185.2E

Sta	dist	Angle		True Bearing	Magnetic		Stadia
		Left	Right				
474+50	2389		26° 46'	S57° 03' W	S57° 00' W		237 375-138
473+27	116.9	15° 51'		S30° 17' W	S30° 00' W		116 536-420
472+50	66.8 ✓	57° 10'		N73° 52' W	N74° 30' W	✓	65 499-434
FLUME 471+50	99.9 ✓		33° 12'	N16° 42' W	N17° 10' W	✓	99 549-450
469+00	222.6 ✓	25° 09'		N49° 54' W	N50° 15' W	✓	220 550-330
466+00	703.6 ✓		55° 27'	N24° 45' W	N25° 20' W	✓	202 560-358
464+95	103.6 ✓	80° 29'		N80° 12' W	N80° 40' W	✓	102 542-440
464+00	90.3 ✓		4° 29'	N0° 17' E	N0° 20' W	✓	89 544-455
460+60	313.7 ✓		35° 46'	N4° 12' W	N5° 00' W	✓	313 363-050
459+50	105.2 ✓		35° 40'	N39° 58' W	N40° 30' W	✓	104 554-450
456+50	281.3 ✓	-3° 40'		N75° 38' W	N76° 00' W		280 623-342
452+14	433.5 ✓	75° 49'		N71° 58' W	N72° 40' W	✓	431 541-110
449+00	269.3 ✓		22° 25'	N3° 51' E	N3° 15' E		268 650-382
447+50	138.7 ✓		23° 37'	N18° 34' W	N19° 00' W	n 19° 34' W	138 548-410

Sta.	Dist	Angle		True Bearing	Magnetic			
		Left	Right					
-	376.9 ✓		0° 18'	N 29° 06' W	N 29° 45' W	✓	374	610 - 236
Δ 494+50	216.9 ✓		41° 25'	N 29° 24' W	N 30° 10' W	✓	211	460 - 159
Δ 492+50	197.3 ✓		45° 17'	N 70° 49' W	N 71° 00' W	✓	196	623 - 427
Δ 490+50	181.8 ✓		27° 06'	S 63° 54' W	S 63° 00' W	✓	180	280 - 100
Δ 489+50	99.7 ✓		44° 10'	S 36° 48' W	S 36° 30' W	✓	99	399 - 300
Δ 488+00	147.3 ✓	107° 17'		S 7° 22' E	S 7° 40' E	✓	146	519 - 373
Δ 486+00	164.9 ✓ 144.4		74° 16'	N 65° 21' W	N 65° 45' W	✓	165	565 - 400
Δ 484+00	198.3 ✓		37° 33'	S 40° 23' W	S 40° W	✓	198	563 - 365
482+50	140.4 ✓	30° 01'		S 2° 50' W	S 2° 30' W	✓	137	417 - 280
480+50	193.3 ✓		24° 28'	N 47° 09' W	N 47° 40' W	✓	190	463 - 273
Δ 479+50	95.4 ✓		40° - 08'	N 71° 37' W	N 72° 00' W	✓	94	524 - 430
N.E. Cor. S 35° W	167.5			S 0° 15' W	S 0° 30' W	✓	168	601 - 433
Δ 477+00	244.4 ✓	25° 34'		S 31° 29' W	S 31° 10' W	✓	243	553 - 310



This is intersection of line with 4 ac line through middle sect. 11

Sta	Dist	Angle Left	Right	True Bearing	Magnetic				
4518+00	97.9			84°30' N	46°34' E	N45°30' E	✓	97	620-523
516+20	171.6	✓		66°34'	N37°51' W	N38°45' W	✓	170	600-430
4515+00	115.7	✓	84°30'		S75°35' W	S74°00' W	✓	115	530-415
4513+50	149.3	✓	20°51'		N19°55' W	N20°45' W	✓	149	519 ⁵ -370
4511+20	194.1	✓		55°00'	N0°56' E	NORTH 0°	✓	195	553-358
4509+50	163.7	✓		39°42'	N54°4' W	N55°00' W	✓	165	550-386
4508+00	111.0	✓		22°25'	S86°14' W	S85°30' W	✓	110	550-440
4506+91	104.4	✓	94°49'		S63°49' W	S63° W	✓	108	550-442
4506+00	85.6	✓		39°54'	N11°22' W	N12°00' W	✓	86	535-449
4505+00	81.3	✓		37°45'	N51°16' W	N51°00' W	✓		445-364 81
4503+76	115.6	✓	117°21'		N89°01' W	N89°45' W	✓		Intersect stone line from 37 ft. from 502+75 on line to 505. 344-230 114
4502+00	170.6	✓		31°14'	N28°20' E	N27°30' E	✓		Intersect fence line 866 feet from lot 502 in line 503+75 589-420 169
4501+00	100.9	✓		26°12'	N2°54' W	N3°30' W	✓		500-400 110
4501+00	232.3			S5°04' E	S6°0' E		✓		to NE cor NW ¹ / ₄ of NW ¹ / ₄ Sec 11 (Nethy Harris) 600-369 231



Intersect stone line from 37 ft. from 502+75 on line to 505. 344-230 114

Intersect fence line 866 feet from lot 502 in line 503+75 589-420 169

546
228
97

4

Sta	Dist	Angle		True Bearing	Magnetic			
		Left	Right					
Δ 538+00	98.	42° 26'		N 47° 10' W	N 48° 00' W	✓	98	5.60 - 4.62
Δ 537+50	49.8		51° 39'	N 4° 44' W	N 5° 40' W	✓	49	5.00 - 4.51
Δ 535+00	244.1	✓	91° 19'	N 56° 23' W	N 57° 30' W	✓	246	6.23 - 3.77
Δ 531+50	333.5	✓	114° 59'	S 32° 18' W	S 31° 10' W	✓	332	8.00 - 4.67
Δ 530+50	99.4	✓	14° 47'	N 32° 43' W	N 33° 30' W	✓	100	5.20 - 4.20
Δ 529+99	50.3	✓	79° 46'	N 47° 30' W	N 48° 00' W	✓	6° 00'	51. 5.00 - 4.09
Δ 528+70	104.7	✓	58° 23'	N 56° 08' W	N 57° 00' W	✓	104	5.00 - 4.70
Δ 529+00	73.2	✓	39° 20'	N 2° 15' E	N 1° 15' E	✓	73	5.67 - 4.94
Δ 525+05	293.0	✓	91° 56'	N 37° 05' W	N 38° 30' W	✓	294	4.60 - 1.66. X
Δ 522+50	194.2	✓	12° 33'	N 54° 51' E	N 54° E	✓	184	5.20 - 3.36
Δ 520+00	239.6	✓	27° 26'	N 42° 46' E	N 42° 00' E	✓	239	5.83 - 3.84
Δ 519+50	49.9	✓	37° 54'	N 15° 22' E	N 14° 30' E	✓	49	4.82 - 4.33
Δ 519+00	49.5	✓	64° 11'	N 22° 35' W	N 23° 30' W	✓	49	4.95 - 4.465

✓ Mt. line bet. 528+70 + 529+99.

Intermediate the taken toward bush

✓
Bucampin N 36° E.

Sta	Dist	Angle		True Bearing	Magnetic	Dist	Elev
		Left	Right				
Δ 553+88	158.8	10° 19'		S 83° 21' W	S 83° 00' W	157	470 - 313
Δ 552+68	119.3		23° 28'	N 86° 20' W	N 87° 00' W	120	560 - 440
Δ 551+50	116.4		44° 49'	S 70° 12' W	S 70° 00' W	115	565 - 450
Δ 549	208.5 ✓		14° 48'	S 65° 23' W	S 65° 00' W	208	623 - 415
Δ 547+50	148. ✓	32° 30'		S 50° 35' W	S 50° 30' W	147	520 - 373
Δ 546+51	90. ✓		43° 24'	S 83° 05' W	S 82° 40' W	90	574 - 484
Δ 546+00	50.5 ✓	9° 39'		S 39° 41' W	S 39° 00' W	49	492 - 443
Δ 545+16	79.5 ✓		14° 53'	S 49° 20' W	S 49° 20' W	79	570 - 491
Δ 544+00	113.5 ✓		38° 49'	S 34° 27' W	S 33° 40' W	114	643 - 499
Δ 542+75	144.5 ✓	90° 58'		S 42° 22' E	S 50° 10' E	114	553 - 439
Δ 542+00	74.6 ✓		48° 15'	S 80° 36' W	S 85° 45' W	74	532 - 458
Δ 540+25	146.9 ✓		12° 28'	S 38° 21' W	S 37° 30' W	147	550 - 403
Δ 539+00	100.1 ✓	106° 57'		S 26° 55' W	S 25° 00' W	100	560 - 460

156
156
Beg. Mudge cut

70 10
169 40

Sta	dist	Angle		True Bearing	Magnetic			
		Left	Right					
Δ 607+00	338.6	65° 11'		S60° 53' W	S59° 50' W	✓	327	10.13 - 6.76
Δ 599+00	183.7	56° 19'		N53° 56' W	N55° 00' W	✓	183	6.13 - 4.30
Δ 596+00	271.6	✓	81° 51'	N2° 23' E	N1° 30' E	✓	274	5.60 - 2.86
Δ 518+50	692.2	✓	15° 03'	N79° 34' W	N80° 30' W	✓		692 - 0.00
Δ 530+00	648.9	✓	2° 15'	S85° 23' W	S84° 30' W	✓	144	12.00 - 5.56
Δ 577+50	254.7	✓	6° 47'	S83° 08' W	S81° 45' W	✓	250	5.57 - 3.07
Δ 573+50	338.6	✓	3° -06'	S76° 21' W	S75° 30' W	✓	335	3.77 - 0.42
Δ 570+10	350.		2° 33'	S79° 27' W	S78° 30' W	✓		3.46 - 0.00
Δ 563+90	612.7	✓	4° 17'	S82° 21' W	S80° 45' W	✓		6.10 - 0.00
Δ 557+86	602.2		0° 29'	S86° 17' W	S85° 46' W	✓		6.05 - 0.00
557+86 4mm	96.8			N15° 57' W	N16° 30' W	✓		10.90 - 9.72
Δ 556+70	103.6			S85° 46' W	S85° 30' W	✓	114	0.86 - 2.00
Δ 555+46	127.2		2° 27'	S85° 46' W	S85° 30' W	✓	127	5.65 - 4.38

23.57
 15.3
 60.43
 53.56
 103.7
 113.7
 110.44
 65.4

Intersection of Farquhar shore from
 27.5 feet on line 563+90

Looking toward NW cor of E 1/2 of D.E. 4
 on Farquhar shore from line
 Doubtful corner

Sta	dist	Angle		True Bearing	Magnetic
		Left	Right		
612+50					
Δ611+50	99.7	37° 06'		N70°19'W	N70° ⁰⁰ 'W
Δ609+50	196.4	57° 38'		N33°13'W	N33° ³⁰ 'W
Δ606+50	199.0 ✓	3° 36'		N24°25'E	N24° ⁰⁰ 'E
Δ604+97	148.8 ✓		67° 16'	N27°35'E	N27° ⁰⁰ 'E
Δ604+97	83.		39° 41'	N0°20'E	N0° ³⁰ 'W
Δ604+43	53.7			N39°21'W	N40° ⁰⁰ 'W

Line intersects Tangier - black fence
 72' from Sta 611+50 on line of 612+50
 (84) would be boundary

616-518

98

650-455

195

900-600

300

602-453

149

530-447

83

380-327

53

Pointing to 1/4 Sec. cor bet. Mer 97+10 Due'

Tangier - black fence 30' from
 also 604+43 on line of 604+97. Should be corner line but is East

Joseph & Schorr.

San Diego County
near 5th St.

S. J. Lewis

business of
Oregon -

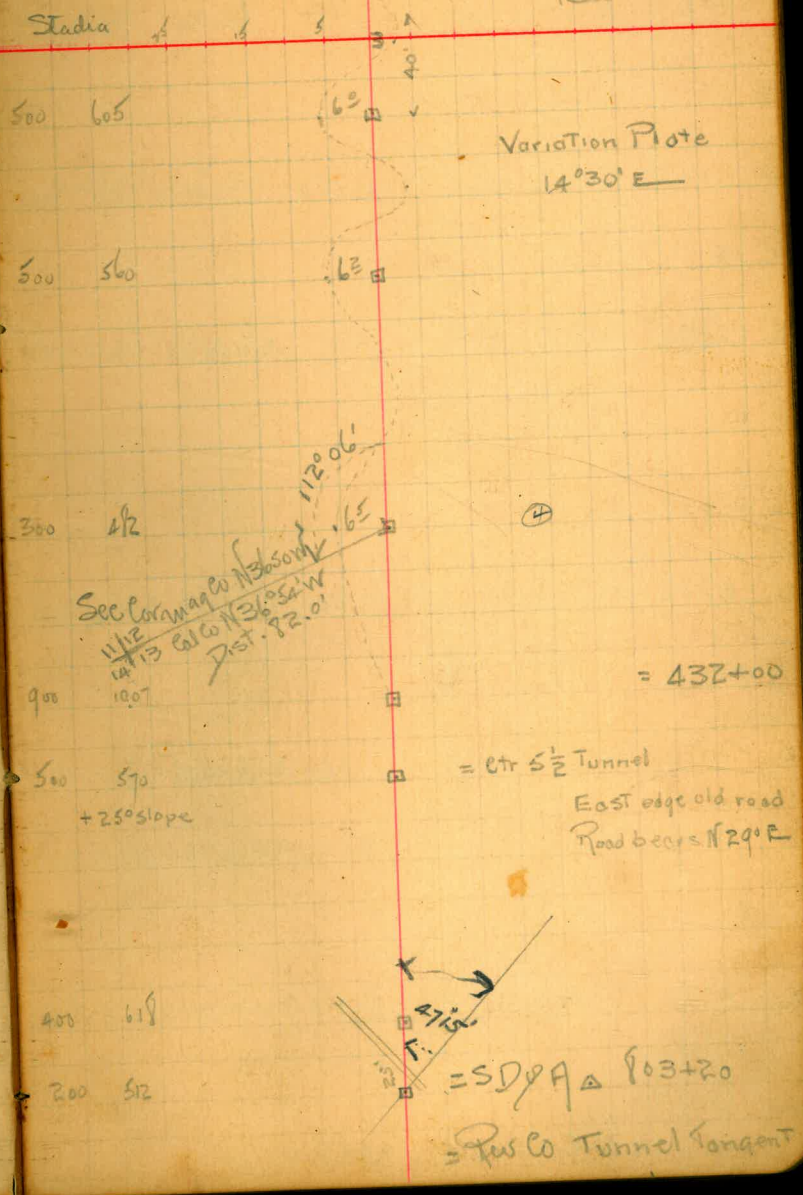
Arizuma

King Co
California

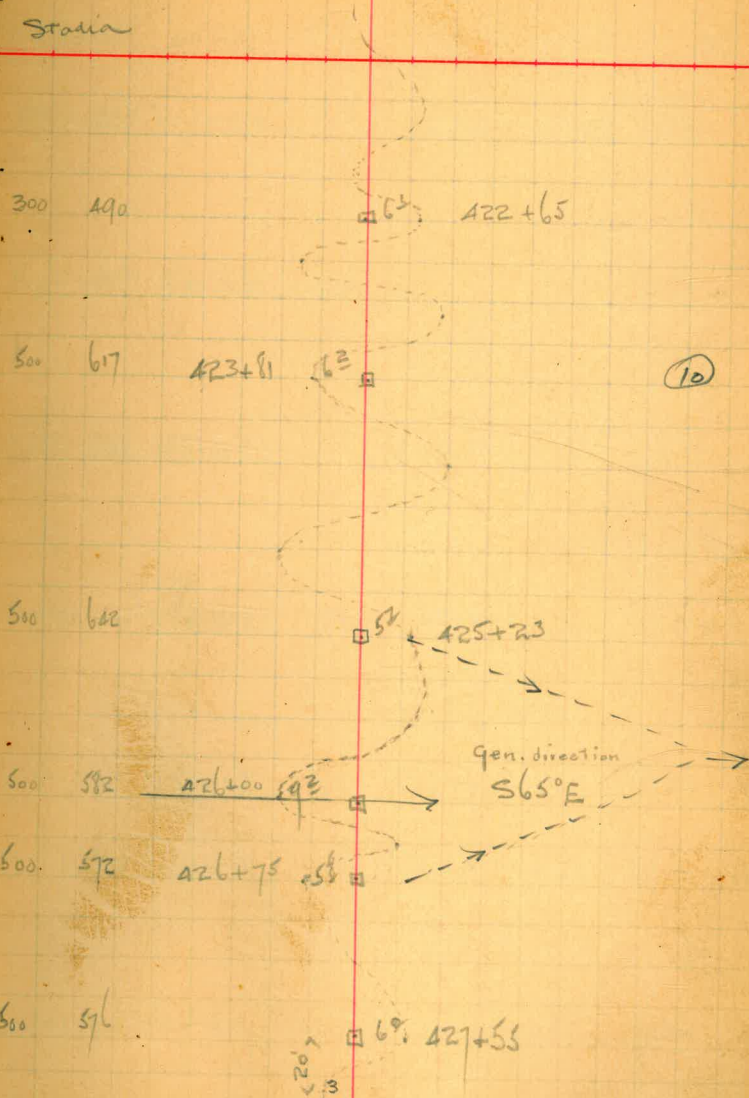
Meander of Conduit
Thru Sec 12 T18S; R2E

7-29-08 11
Willet
Wakama
Barren

Sta	Dist	Lt	Rt	calco	Mag Co
6	+26.1	105.9	6003 1/2	N68 36W	N68 30W
5	+65.5	60.6	8344 1/2	N8 32 1/2W	N8 25W
4	+83.5	182.0	1516 1/2	N75 12E	N75 25E
3	+76.2	107.3	1338 1/2	S89 31 1/2E	S89 15E
2	+18.5	57.7	1350 1/2	S75 53E	S75 50E
1					
0	218.5	620 1/2		N31 01W	N31 - W
	312.1	47 15		N31 07E	N31 05E
	1044.1	28206	1350 1/2	N7 122E	



Sta	Dist	L*	R*	Calc	Mag Co	Stadia
13						
□ +22.8	191.1		10650	579 44 ¹ / ₂ E	579 30 E	300 490
12						
□ +04.5	118.3	9151		N 6 34 ¹ / ₂ E W	N 6 30 W	500 617
11						
10						
□ +63.2	148.3		111.22	N 85 16 ¹ / ₂ E	N 85 10 E	500 642
9						
□ +81.1	82.1	7415		N 26 05 ¹ / ₂ W	N 26 - W	500 582
□ +09.0	72.1		6224	N 48 09 ¹ / ₂ E	N 48 15 E	500 572
8						
□ +32.0	77.0		5421 ¹ / ₂	N 14 14 ¹ / ₂ E W	N 14 15 W	500 576
7						
6819 - 16606 3345 ¹ / ₂ E						



Sta	Dist	L _t	R _t	Calco	Mag to	Stadia
19	+69.8	138.2	2322	N21.7W	N21.05W	400 538 415+17 53
18	+91.3	78.5	4122	N20.05E	N21.0E	500 578 415+97 52
17	+66.5	124.8	1640 $\frac{1}{2}$	N39.17W	N39.10W	600 624 417+22 51
16	+47.5	119.0 $\frac{1}{2}$	2133	N223 $\frac{1}{2}$ W	N223.0W	500 618 418+45 54
15	+65.8	81.7	7705 $\frac{1}{2}$	N103 $\frac{1}{2}$ W	N1-W	500 591 419+26 56
15	+11.9	53.9	6232 $\frac{1}{2}$	N76.02E	N76.05E	600 553 419+79 55
14	+13.9	98.0	3819	S41.25E	S41.10E	500 597 420+75 39
	694.1	20113 $\frac{1}{2}$	7941			

→ S73°E

Began 23+40.9

7-29-'08

Sta	Dist	Lt	Rt	Calc Co	Mag Co	Stadia			
25	+86.9	129.7	2023 $\frac{1}{2}$	N 50 $\frac{1}{2}$ E	N 51 $\frac{1}{2}$ E	500	620	407+48	□
24	+87.3	99.6	3918	N 25 $\frac{1}{2}$ E	N 25 $\frac{3}{4}$ E	700	299	408+47	□
	+16.								
23	+40.9	146.4	1833	N 64 $\frac{1}{2}$ E	N 64 $\frac{5}{8}$ E	500	646	410+11	□
22	+222	1187		5615	N 82 $\frac{1}{2}$ E	N 82 $\frac{3}{4}$ E	500	619	□
	+44								
21	+080	114.2		4826	N 27 $\frac{1}{4}$ E	N 27 $\frac{1}{2}$ E	500	614	413+90
20									

12.00 M

Wueste

Watermark

Barrera

Cerro Road

General direction E/W

Flume begins

540°E

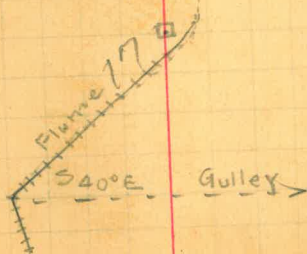
560°E

Flume ends

6086-7814 $\frac{1}{2}$ 10441 ✓

Sto	DIST	Lt	Rt	cal co	Mag co	Stadia	
31	77.0	6910		N 254 ¹ / ₂ W	N 225 W	500 57	401+43.5 ²
30	149.1	6355 ¹ / ₂		N 6615 ¹ / ₂ E	N 6635 E	500 68	402+90
29	98.3		7548	S 49 49 E	S 49 25 E	500 59	403+85
28	82.2	3910 ¹ / ₂		N 54 23 E	N 54 35 E	500 52	411+64.5 ¹
27	126.4		8824	S 86 26 1/2 E	S 86 15 E	500 62	
26	82.						

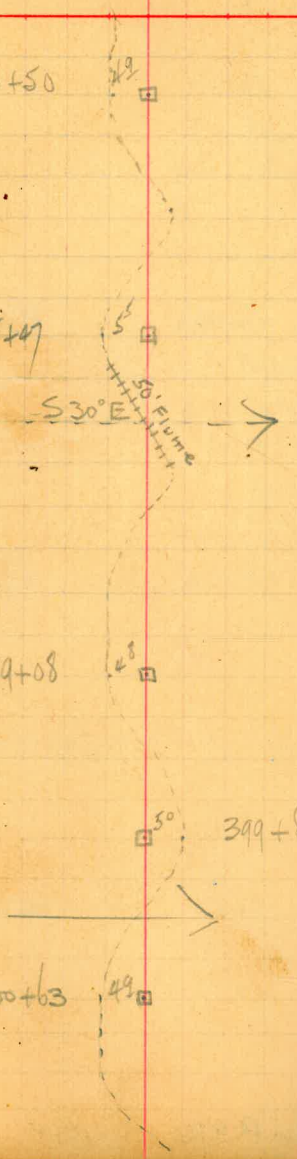
5330 17216 16412



Began 38+59.0

7-31-08
Wassett
Waterman
Barrenal

Sta	Dist	L+	R+	Cal Co	Mag Co	Stadia
38	+59.0	208.8	1301	N7402E	N7445E	300 508 393+50
37	+69	197.1	1208	N8703E	N8745E	300 497 395+47
36	+30					
35	+01.0	260.9	3131 1/2	N7455E	N7525E	300 561 399+08
34	+221	78.9	7630 1/2	S7333E	S7255E	300 578 399+89
33	+49.6	72.5	3251	N245E	N3025E	300 372 400+63
32						
	818.2	121595				



Sta	Dist	L ⁺	R ⁺	Calc Co	Mag Co	Stadia
46						
45						
44						
43						
42						
41						
40						
39						
843.9	13335	9253 1/2				

46						
45						

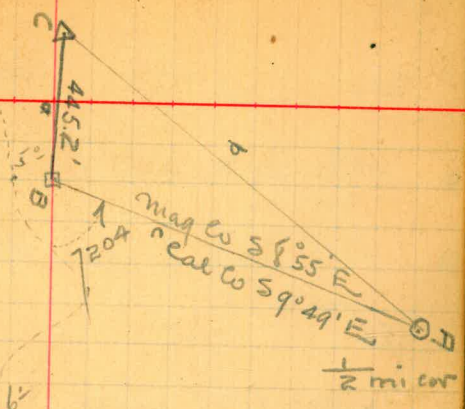
44						
43						

42						
41						

40						
39						

40						
39						

843.9 13335 9253 1/2

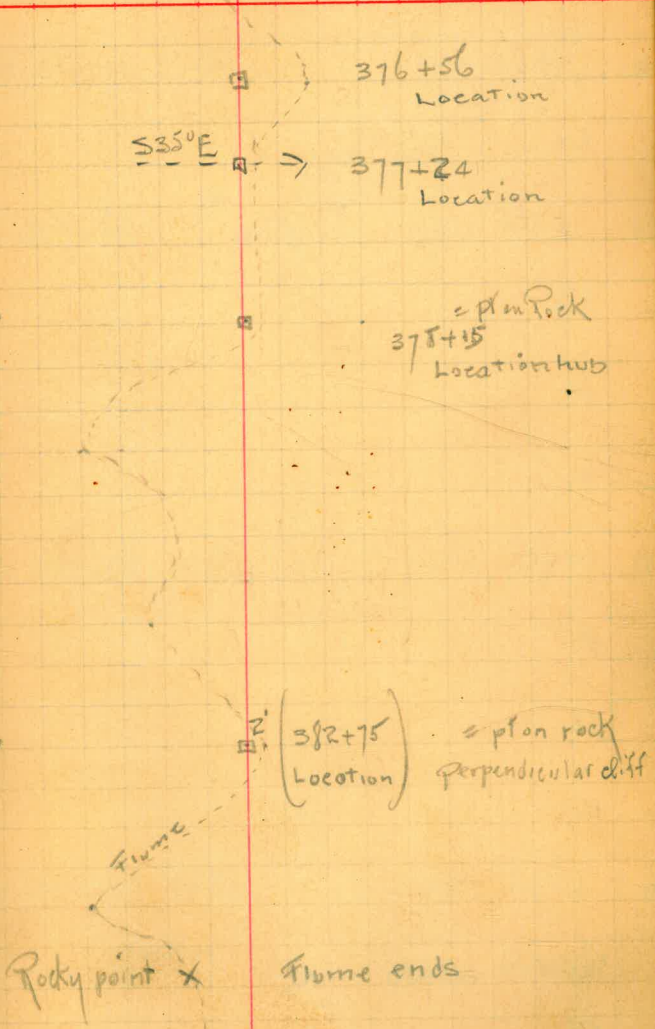


Triangulation Notes.
 ∠ A 10°23' computed
 B 128°59 1/2' measured
 C 403 1/2' do.
 base a 445.2 do.
 side c 1608.3' computed

570E → 390+25

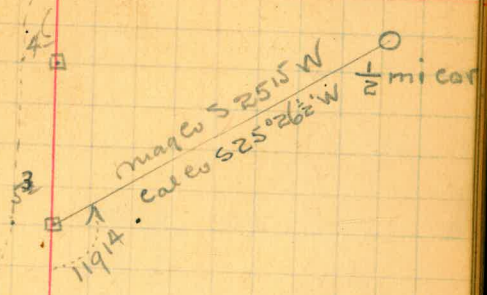
Sto.	Dist	Lt	Rt	Col Co	Mag Co	Stadia
54						
53						
52						
51						
50						
49						
48						
47						
46						
45						
44						
43						
42						
41						
40						
39						
38						
37						
36						
35						
34						
33						
32						
31						
30						
29						
28						
27						
26						
25						
24						
23						
22						
21						
20						
19						
18						
17						
16						
15						
14						
13						
12						
11						
10						
9						
8						
7						
6						
5						
4						
3						
2						
1						

7507 6239 9150



Sta	Dist	H	R	Calc	Mag to	Stadia
63	+35A 69.8		1049 1/2	S7525E	S7545E	500 69 366+77
62	+155 119.9	5056		S8614 1/2 E	S8625E	500 69 367+95
61						
60						
59	+52.6 262.9		702	S3619 1/2 E	S3525E	300 563 370+58
58						
57						
56	+62.4 290.2		750 1/2	S4221 1/2 E	S4225E	200 490 373+58
55						

7428. 5055 9259



20
 Begun 65+154
 8-4-'08

Wrest
 Waterma
 Barrena

Sta	Dist	Lt	Rt	CalCo	MagCo	Stadia
70						
69						
□ +602	1924	5424½		S77 ⁵⁵ E	S78 ¹⁵ E	1300 412 361+58
68						
67						
□ +926	1686	907½		S23 ³⁰ E	S24-E	100 1168
66						
□ +786	1130	3049		S14 ²³ E	S14 ⁵⁰ E	500 612 364+38
□ +154	63.2			S04 ⁰ ½	S16 ²⁶ W S16-W	500 563
65						
□ +740	414			S34 ¹⁴ ½E	S34 ³⁰ E	100 141
□ +05.2	688	3605		N68 ³⁰ E	N68 ¹⁰ E	500 561 366+07
64						
	6474	13026	12756			

Thoro-cut above
 Johnson Gulch

= 363+25

365+02

365+42



Sta	Dist	Lt	R+	Cal Co	Mag Co	Stadia
76	+512	100.5				
			3247	N29432E	N2905E	500 600 353+81
75						
74	+976	1536	6A45			
				N3032W	N330W	200 453 355+37
73	+065	911		4312E	N61412E	N6120E 500 590 356+25
72	+379	686	3141			
				N1829E	N1745E	500 568 356+92
71	+792	58.7	6608½			
				N5010E	N4955E	500 358 357+48
	+578	1214		5036	S634½E	S64-E 411 520
70	+526	1052	3621½			
				N65432E	N6530E	500 605 359+69
	699.1	19856	12634½			



Sta	Dist	Lt	Rt	Calco	Magto	Stadia
83						
□ + 19.5	168.8	1422		N5944E	N59-E	300 468 348+11
82						
□ + 15.7	103.8			3322E	N7406E N7325E	500 603 349+16
81						
□ + 28.9	86.8	6030		N4043E	N40-E	500 586 350+04
80						
□ + 50.7	78.2			6603E	S7846E S7930E	500 577 350+79
79						
□ + 96.2	54.5	2720E		N3510E	N3430E	500 554 351+30
78						
□ + 51.7	144.5			3247	N6232E N62-E	400 514 352+77
77						

6366 10212 13213



Began 77+65.0

8-5-08

White

Water

Barrua

90.00

59.40

150.28

180

293

7736

2848

5400

733

192

8628

711

1400

600

5940

8628

glume ends

= Albert's starting point.

Sta	Dist	Lt	Rt	calls	Mag. to	Stadia
□ 1071				N5400 W N3112 E 6516		
90.						
+43		242.1				
		181.4				
		60.				
89						
88						
□ +650	2421	3148		N7628 E	N7605 E	100 1042 342+50
87						
□ +106	1544	2512		S5404 E	S5525 E	300 464 244+13
86						
85						
84						
□ 83+883	222.3			9044	S2903 E	S3005 E 330 522
	6188	6400		9044		



Connection with Sec Cor
Roughly following Ridge

8-5-08 24
Wrestle
Water
Barren

Sta	Dist	Lt	Rt	Calc	Magto	Chain	Dist. ang	
Sec Cor at	Bloch's	House						
□ #4	1662		2100	S 117 1/2 E	S 130 E	1774	-2026	□ Hub = Road
+65								
□ #3	2389	044 1/2		S 22 1/2 E	S 22 3/4 E	243.9	-1129	□ on Rock
From map				55831W				
W 742+70			3316	S 58 3/4 W	S 58 3/4 W			pointing to W 745
			1839	S 25 2/3 W	S 25 5/8 W			
CP	130.7		3818	S 44 5/8 W	S 44 4/8 W	1541.37	-1225	= pt in high gulch
CP	527.7		14924	N 23 5/8 W	N 24 5/8 W	Station 529	+249	= junct. of many fingerlike gulches
□ #2	5022	2914		S 21 3/8 E	S 21 4/8 E	514.0	-1217	□ on Rock
+16								= "Z" 141+95
□ #1	4414	1231		S 64 1/8 W	S 62 5/8 W	451.9	-1222	□ on Rock
□ 87+65.0	4621		7556	S 21 1/2 W	S 20 5/8 W	490.9	-1943	□ on Rock
				S 54 1/4 E				
		4329 1/2	9656					= course 86+106 - 87+65.0

Stadia Meander of Johnson Gulch

8-6-'08 25

Sta	Dist	Lt	R+	Cal to	Mag to
1/4 Sec Cor					
112			7431	N2527E	
			3003	N4904W	N4850W
111			5329	N7907W	N7841W
110	2657			S4724W	S4755W
109			10458	S7421W	S7415W
108			2638	S3037E	S3045E
107			320	S5715E	S5730E
106	6433			S6035E	S6015E
105			1503	S359W	S4-VW
104	2001			S1105E	S1105E
103	1611			S856W	S850W
102	248			S2507W	S2450W
101			850	S2705W	S25-W
106+624	11834			S1905W	S1840W
				N4221W	

Stadia Return

Sta	Dist	Remarks
245	+1217	✓ 50'
140	+804	✓ 50'
258	+243	✗ 50'
383	+409	To Block X 75'
234	-411	✓ 50'
353	-727	✗ 75'
232	-103	✓ 100'
362	-727	✓ 100'
440	-417	✓ 50' South edge Old Gap Camp
248	-616	✓ point on RR
290	-1132	✓ edge Camp Road
266	-2559	✓ point on RR
175	-2144	✓

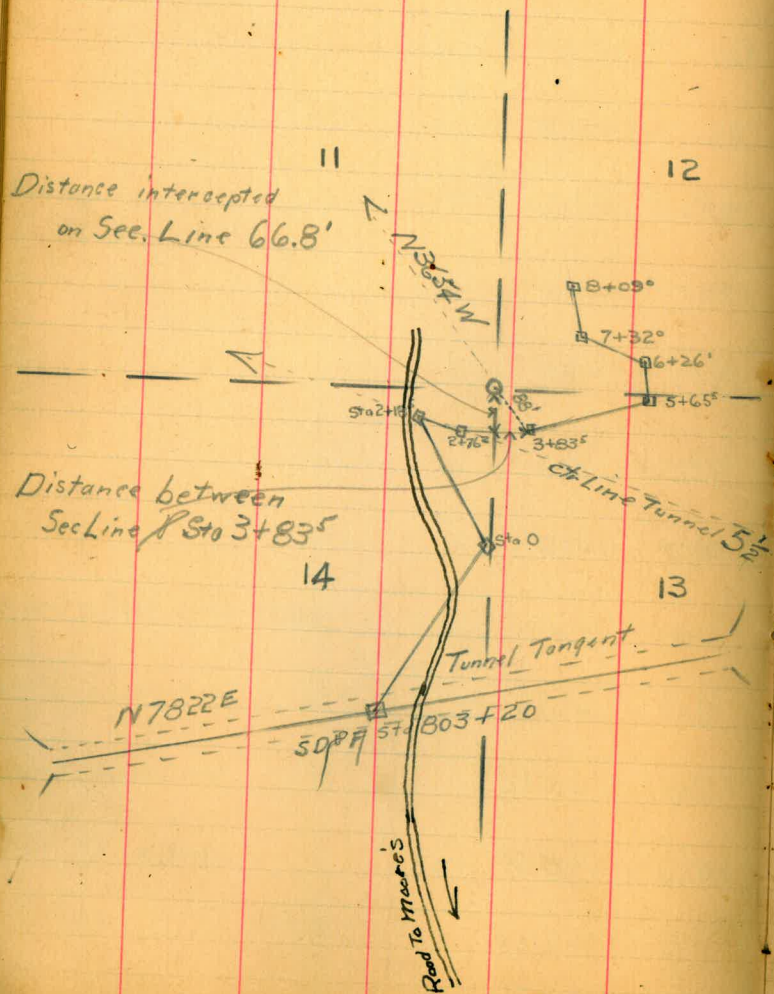
Westerly
water in
Barriera

Pointing to 62+15.5 (OK see page 19)

point on RR and telephone line
gulch 50' below

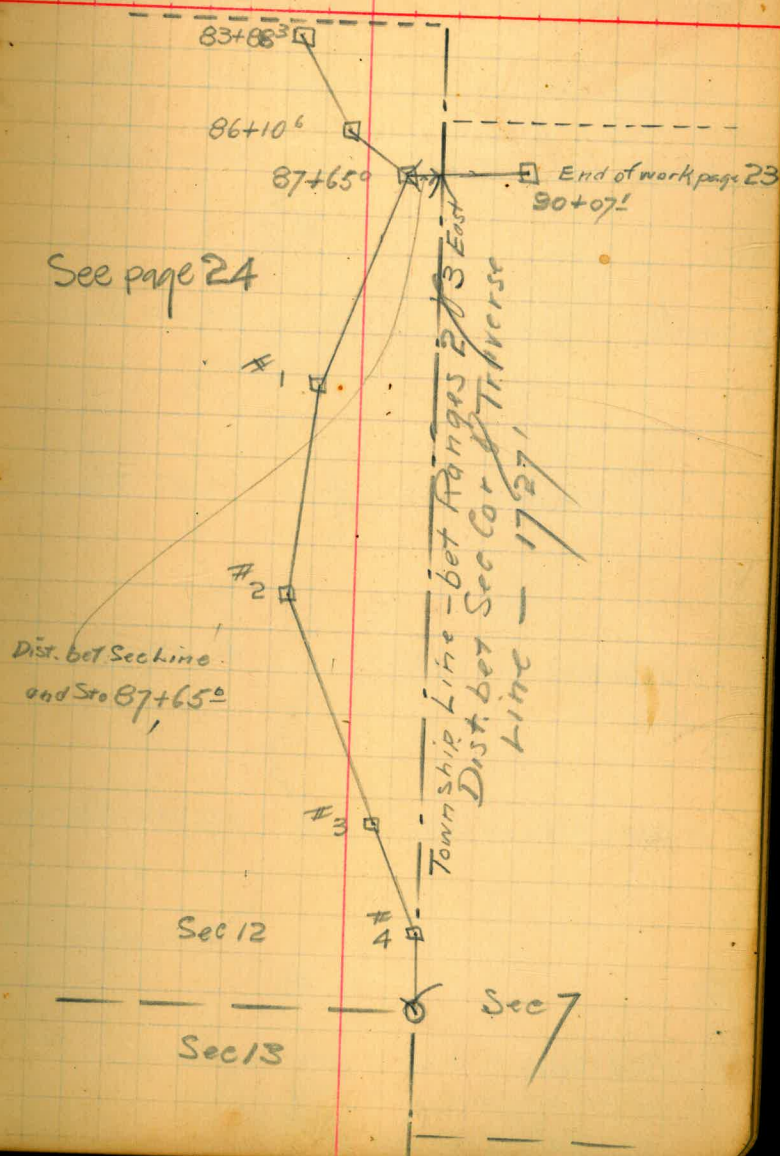
connection with Sec. cor
at Starting Point.

See page 11.



connection with Sec cor 26
at End of line.

See page 24



Variation Plate 13°55'E

27

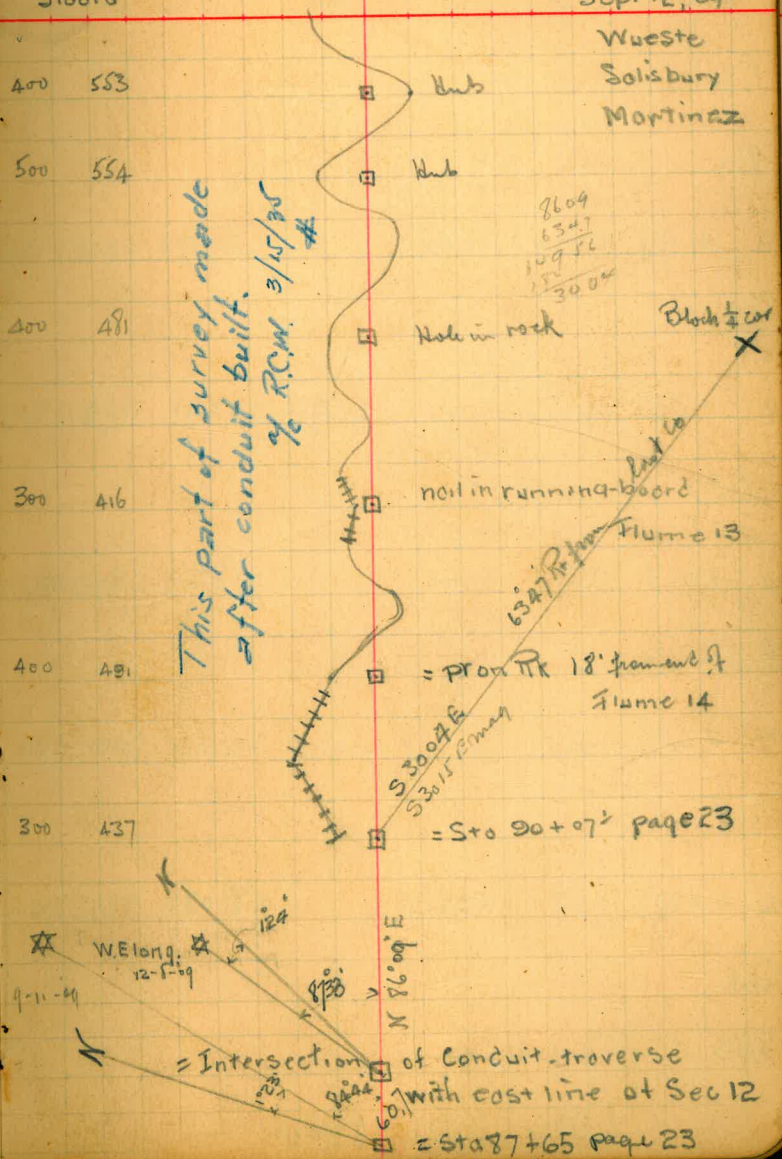
Eastward from east line of Sec 12.

Continuation of Conduit Traverse

Sta	Dist	L+	R+	Col Co	Mag Co	Stadia
862	+95.0	153.0		S68°3'E	S69°0'E	400 553
861	+40.2	54.8	7034	N66°00'E	N65°20'E	500 554
860	+58.7	81.5		S43°26'E	S44°15'E	400 481
859	+42.2	116.5		N84°42'E	N84°00'E	300 416
858	+50.5	91.7	2433	N47°47'E	N47°15'E	400 491
857	+12.6	137.9	1347	N72°20'E	N72°10'E	300 437
856	+31.2	181.4		N86°07'E		
		663.8	108°54'	13434		

Sept 12, 09

Wueste
Solisbury
Mortinez



Sto	Dist	Lt	R+	Col Co	Mog Co	Stadio
-----	------	----	----	--------	--------	--------

870						
-----	--	--	--	--	--	--

869						
-----	--	--	--	--	--	--

□ + 971	2104	1642		S6959E	S7045E	400 610
---------	------	------	--	--------	--------	---------

868						
-----	--	--	--	--	--	--

□ + 223	174.8		3315	S5317E	S5405E	400 574
---------	-------	--	------	--------	--------	---------

867						
-----	--	--	--	--	--	--

□ + 464	759	4400		S7632E	S8730E	500 575
---------	-----	------	--	--------	--------	---------

866						
-----	--	--	--	--	--	--

□ + 439	102.5		4925	S4232E	S4320E	400 502
---------	-------	--	------	--------	--------	---------

865						
-----	--	--	--	--	--	--

□ + 480	959	2344		N7803E	N8725E	400 495
---------	-----	------	--	--------	--------	---------

864						
-----	--	--	--	--	--	--

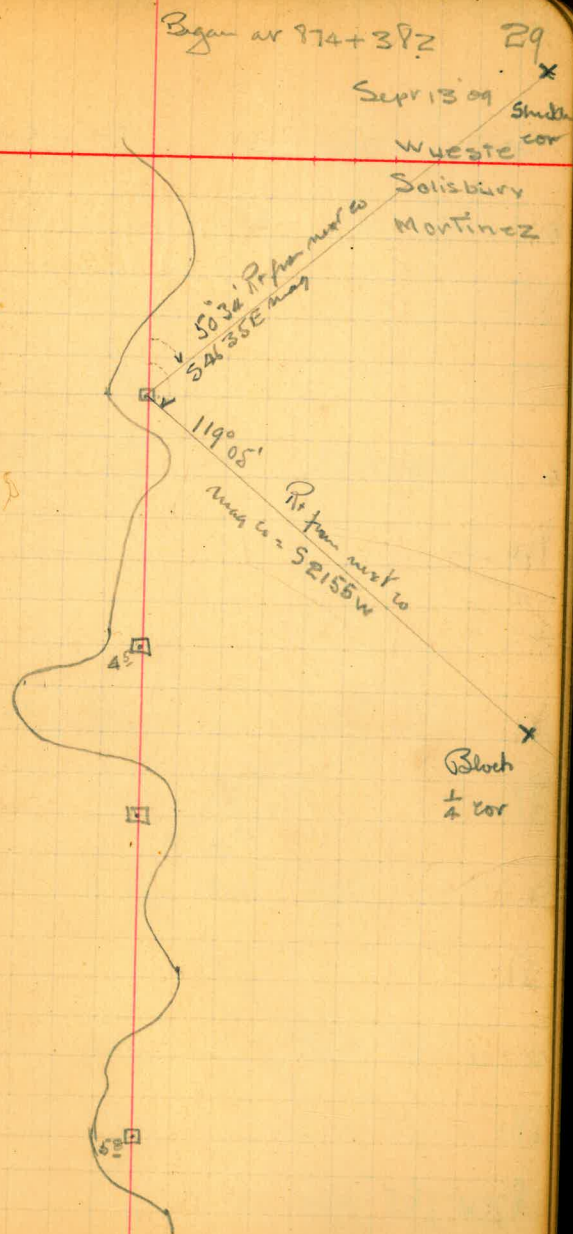
863						
-----	--	--	--	--	--	--

659.5 8426 8240✓



hubs
52
Hub

Sta	Dist	L+	R+	Cal Co	Mag Co	Stedie
879						
878						
□ + 678	208.7	4757		N8346E	N8245E	500 509
877						
876						
□ + 929	174.9		2418	S4817E	S4925E	400 575
875						
□ + 382	154.7		1914	S7235E	S7335E	400 555
874						
873						
872						
□ + 075	330.7	2150		N8811E	N8720E	200 530
871						
	8690	6947	4332			



Sta	Dist	L+	R+	Col Co	Mag Co	Stadia
886 885 □ + 348	69.7	3501		N 4 25 W	N 4 35 W	500 569
884 883 □ + 315	2033	3316		N 30 36 E	N 31 15 E	350 653
882 □ + 558	175.7		1147	N 63 52 E	N 62 35 E	300 475
881 □ + 962	59.6	2031		N 52 05 E	N 51 10 E	300 359
880 □ + 395	156.7		2211	N 72 36 E	N 71 50 E	400 556
879 + 765	630	3321		N 50 25 E	N 49 45 E	300 362
	728.0	12209	3358 ✓			



Sta	Dist.	L+	R+	Co Co	Mag Co	Stadia
894						
□ + 378	1402		1516	SS340E	SS415E	300 440
893						
□ + 269	1109		10711	S6856E	S6930E	300 410
892						
891						
□ + 751	1518	623		N353E	N310E	300 451
890						
889						
□ + 561	2190		3548	N1016E	N915E	300 578
888						
□ + 045	1516	2107		N2532W	N2550W	300 451
887						



Prairie Rk on Inside of ditch at base of steep disintegrated bank South of tunnel 5

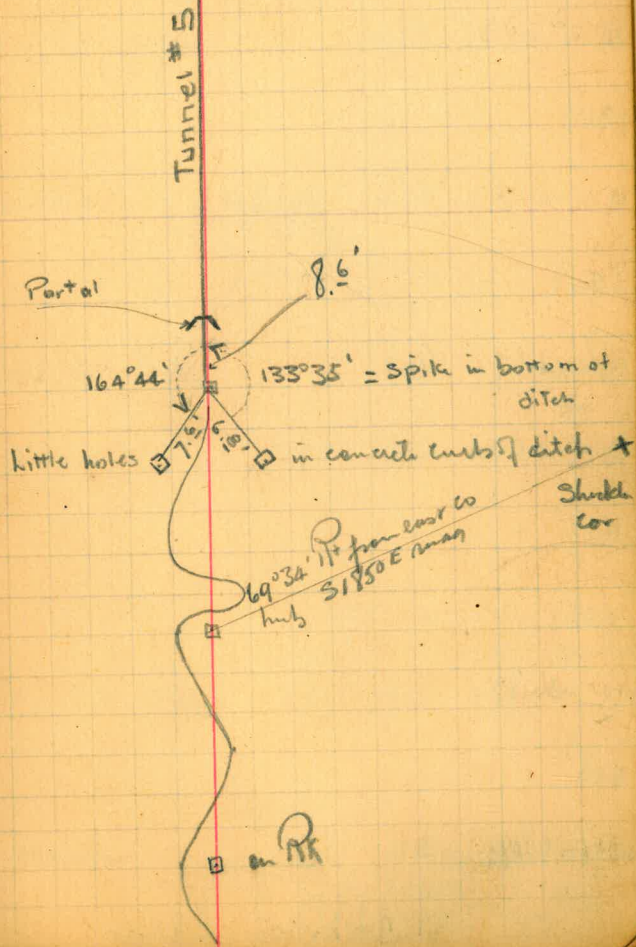
Hub on slab

Hub

Prairie Rk.

773.5 ✓ 2730 15815 ✓

Sta	Dist	Lt	Rt	Col Co	Mag Co	Stadia
904						
903						
902						
901						
900						
899						
□ +894	580.5		1011	N86°06'E	N85°35'E	070 650
898						
897						
□ +32.5	2569	1619		N75°55'E	N75°55'E	350 607
896						
895						
□ 894 + 780	1545	3406		S87°46'E	S89°20'E	300 154
	9919	5025	1011 ✓			



Bygan 909 + 70.7

33

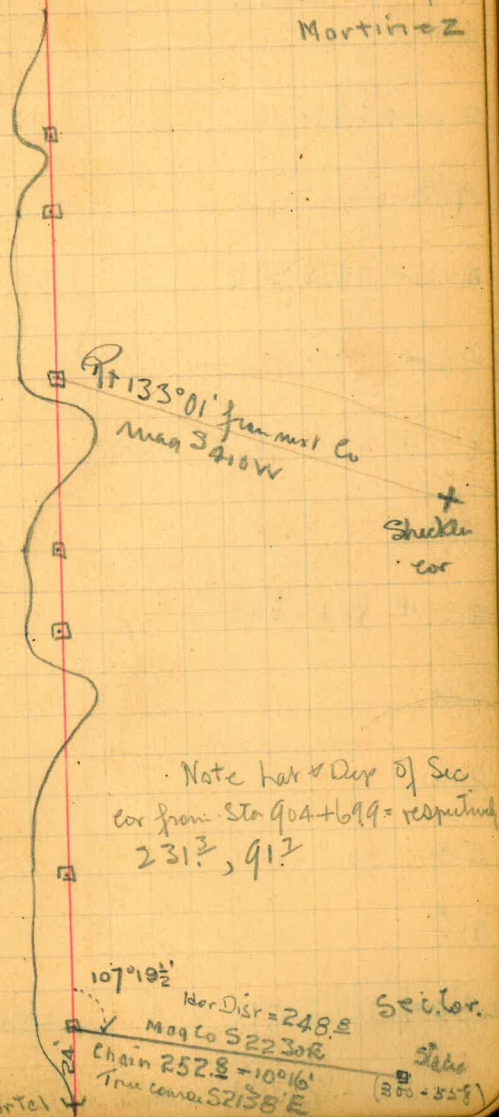
Sept 14, 09

Wueste
Salisbury
Martinez

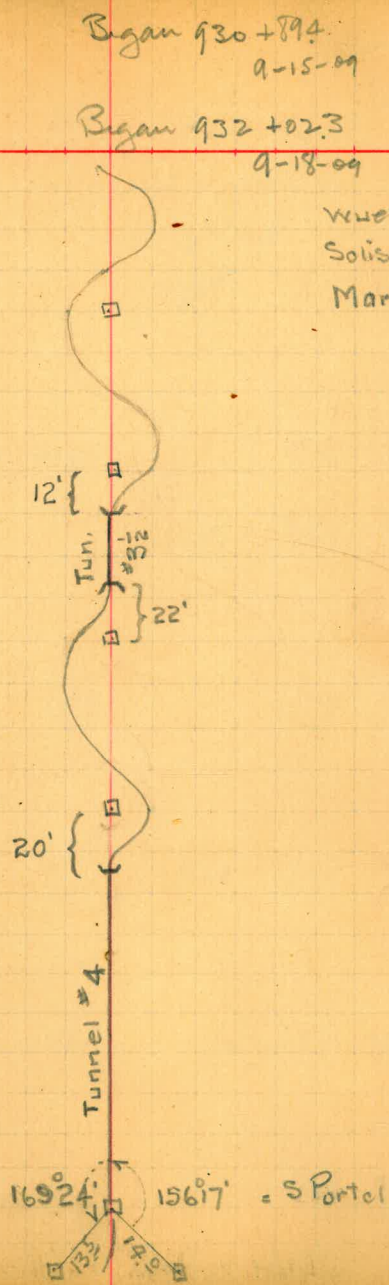
Sta.	Dist	Lt	Rt	Col Co	Mag Co	Stadia
910						
□ + 70.7	41.1	5539		N3648E	N3600E	1100 1140
□ + 125.	592		4019	S8733E	S8820E	300 357
909						
□ + 571	554	3926		N5208E	N5120E	400 455
908						
□ + 67.3	898		3718	S8826E	S8910E	200 289
□ + 03A	639	3757		N5416E	N5325E	200 263
907						
906						
□ + 831	1203		4113	S8747E	S8835E	300 420
905						
□ 904 + 699	1132	3506		N5100E	N5005E	400 513
	541.9	16808	11850			

(99-100)

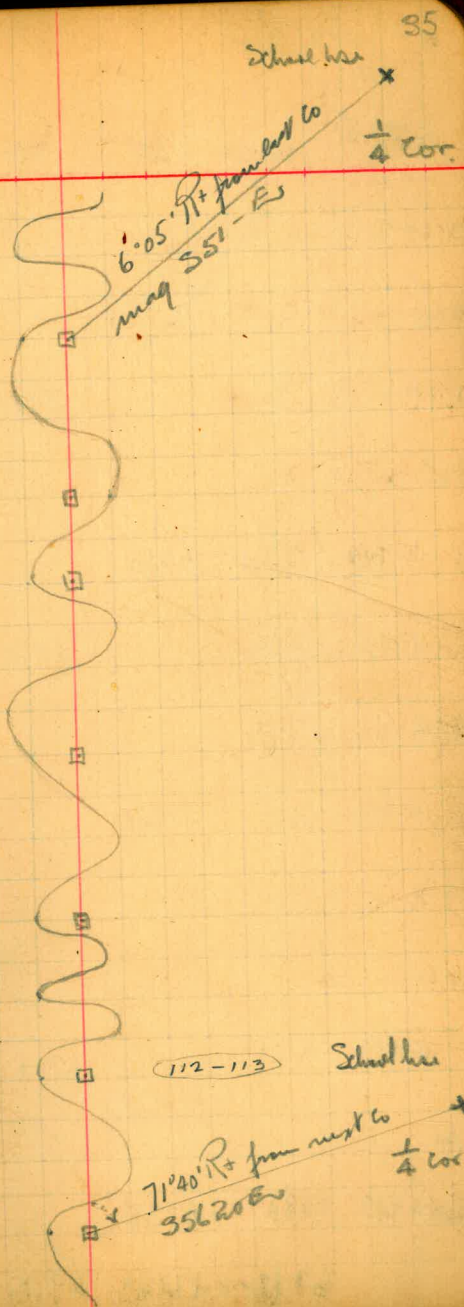
Portel



Sto	Dist	Lt	R+	Col Co	Mag Co	Stodie
934						
□ + 26.2	90.7		3702	S7243E	S7400E	400 490
933						
□ + 02.3	123.9		1952	N7015E	N6720E	200 323
932						
□ + 22.7	79.6	6455		N5023E	N4815E	100 179
931						
□ + 89.4	33.3		7536	S6442E	S6635E	200 232
930						
925						
920						
915						
□ 910 + 118	2077.6		2°54'	N3942E	N3885E	
	2405.1	6455	1352.4			

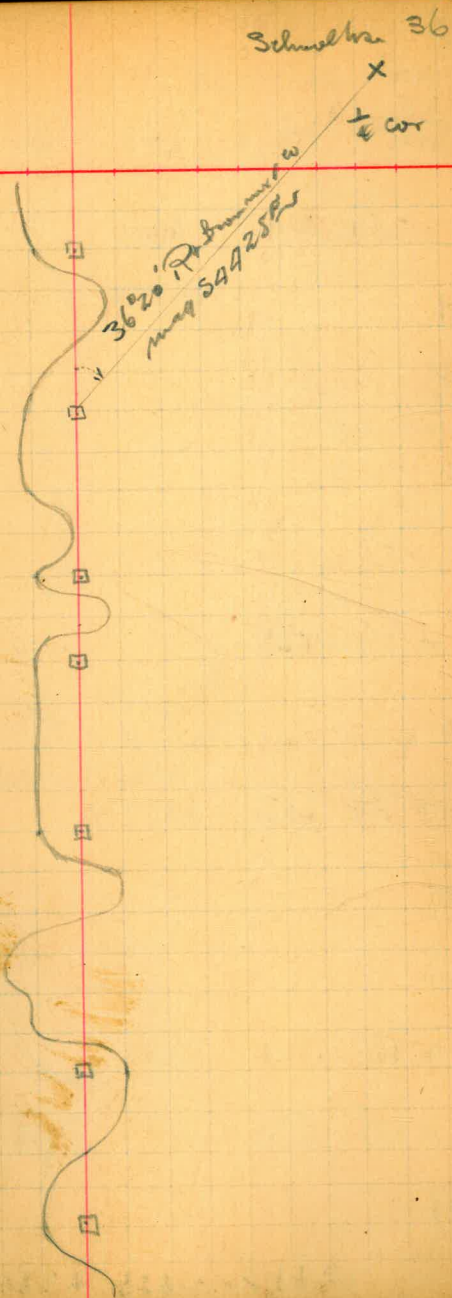


Sto	Dist	L+	R+	Col Co	Mcq Co	Stodie
940						
□ +467	143.6	2607		S8158E	S8305E	300 413
939						
□ +854	613		9049	S5551E	S5650E	400 461
□ +315	539	7347		N3320E	N3215E	500 533
938						
□ +536	779 ⁵		7820	S7253E	S7405E	500 577
937						
□ +737	799	5219		N2847E	N2735E	200 279
936						
□ +012	172.5		2804	N8106E	N7935E	300 472
935						
□ 934+169	843	5415		N5302E	N5200E	300 385
	6734	20628	19713			



Sto	Dist	L+	R+	Cal Co	Mag Co	Stadia
946						
□ +35.9	65.6	2947		N6959E	N6930E	500 566
945						
□ +53.3	82.6		3842	S8014E	S8040E	300 382
944						
□ +74.9	78.4	5750		N6104E	N6030E	300 378
□ +015	73.4		4029	S6106E	S6135E	500 573
943						
□ +60.0	41.5	3931		N7825E	N7800E	500 541
942						
□ +98.3	161.7		6729	S6204E	S6250E	300 461
941						
□ 940 + 90.3	108.0	4735		N5027E	N4930E	200 307

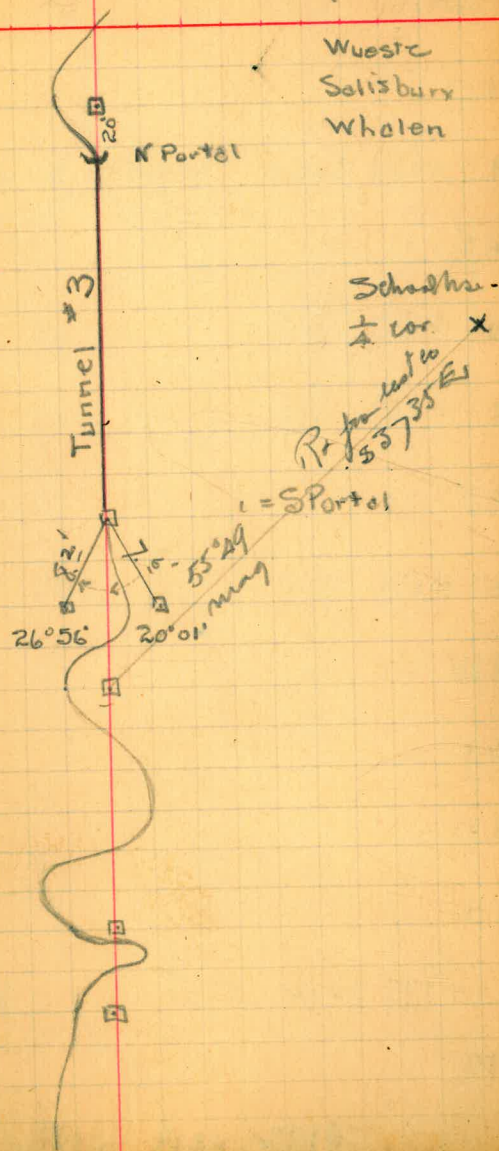
6112 - 17443 14640 ✓



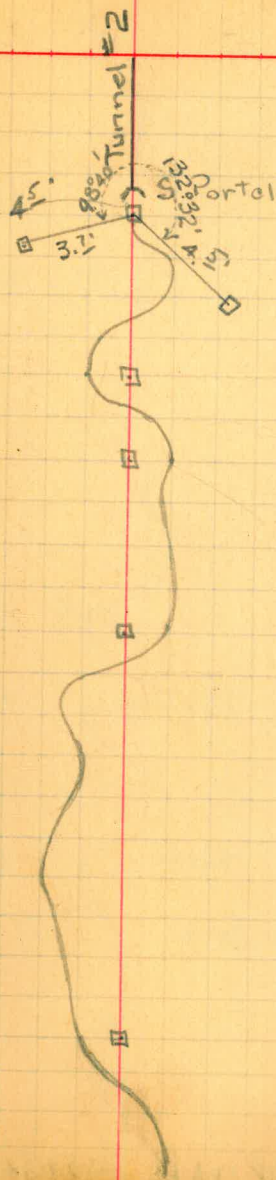
Began 950+39.1
 Sept 22, '09.

Sta	Dist	L+	R+	Col Co	Mag Co	Stad	Co
969	+480	139.7	4900		N1114W	N1200W	700 339
965							
960							
955							
950	+39.1	1908.9		1410	N3741E	N3735E	Sta. # 128
949							
948							
947	+738	653	6229		N2331E	N2410E	100 164
	+899	1839	1313		N8600E	N8445E	300 483
	+015	894		2914	S8047E	S8115E	400 488

2386.2-12444 4324



Sta.	Dist	Lt	Rt	Cal Co	Mag Co	Stadio
977						
□ +62.4	345.0	2240		N39 39E	N39 00 E	100 444
976						
□ +96.7	65.7		1143	N62 19E	N61 35E	300 364.5
□ +14.8	81.9		4107	N50 36E	N49 55E	400 481
975						
□ +17.9	96.9		4756	N 92 9E	N 9 45 E	400 406
974						
973						
972						
971						
□ +87.7	330.2	2708		N38 27 W	N39 05 W	200 530
970						
	919.7	4948	10046			



Sta	Dist	Lt	Rt	Col Co	Mo Co	Stadia
-----	------	----	----	--------	-------	--------

985

□	+77.7	292.1		4736	N4844E	N4805E	200	492
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□	+16.2	615		3811	N108E	N025E	300	361
---	-------	-----	--	------	-------	-------	-----	-----

984

983

982

□	+98.3	217.9		3758	N3703W	N3730W	300	517
---	-------	-------	--	------	--------	--------	-----	-----

□	+04.1	94.2	7922		N7501W	N7535W	300	393
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981

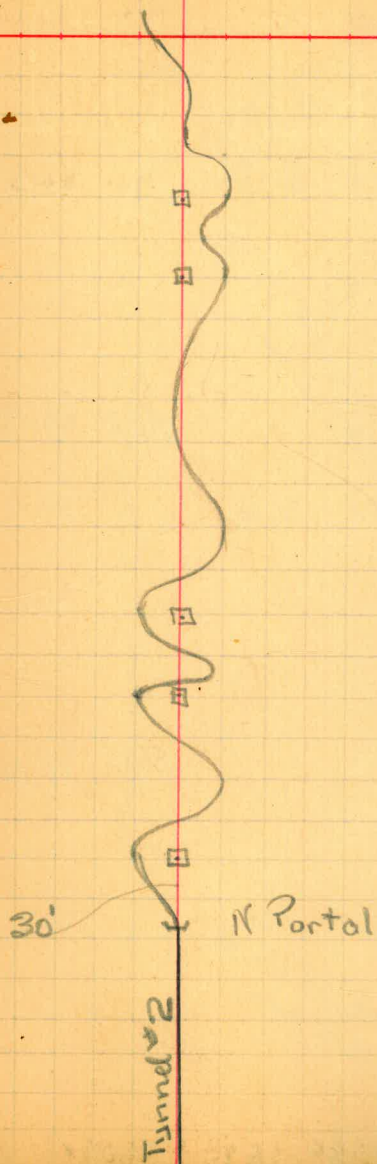
□	+07.4	96.7	3518		N421E	N340E	300	396
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980

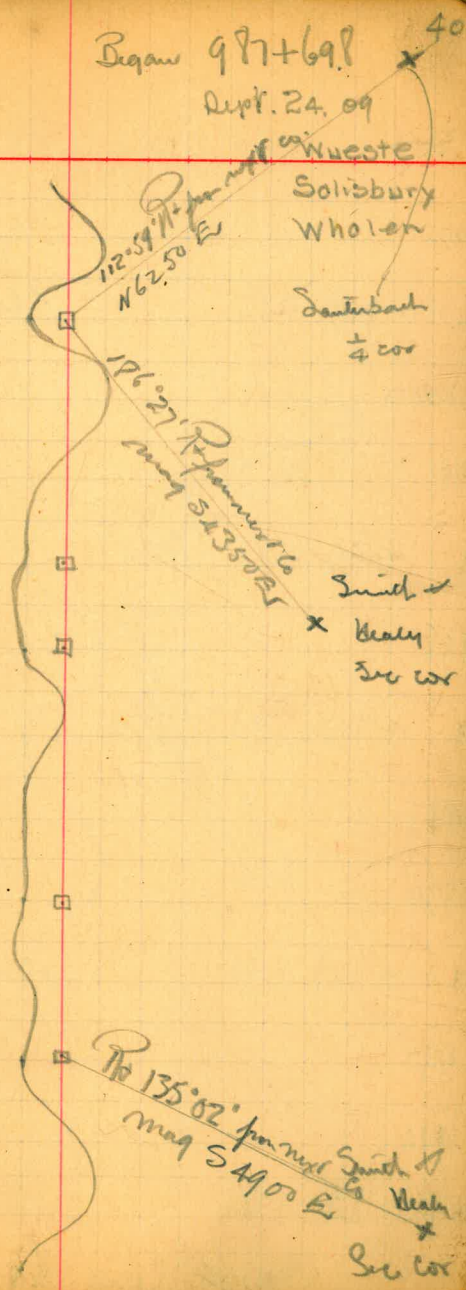
979

978

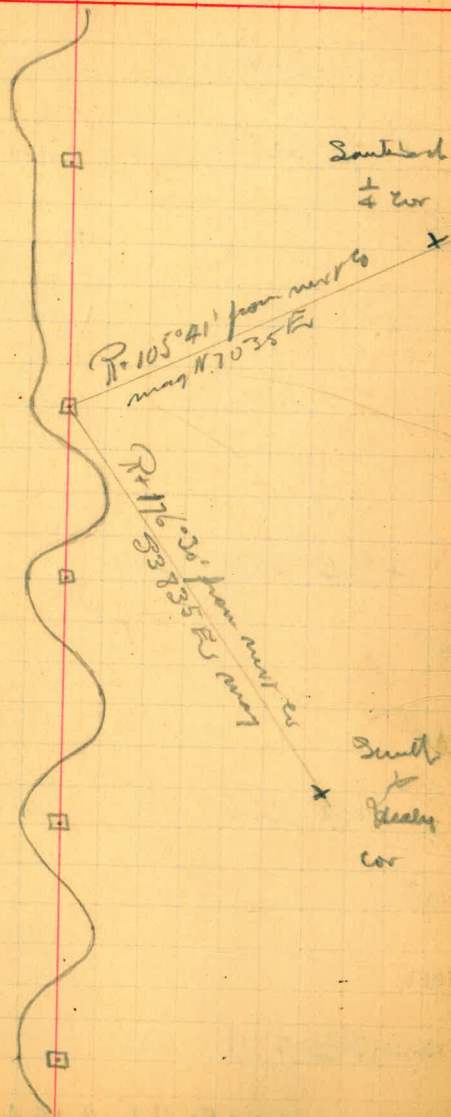
7624 ✓ 11440 12345 ✓



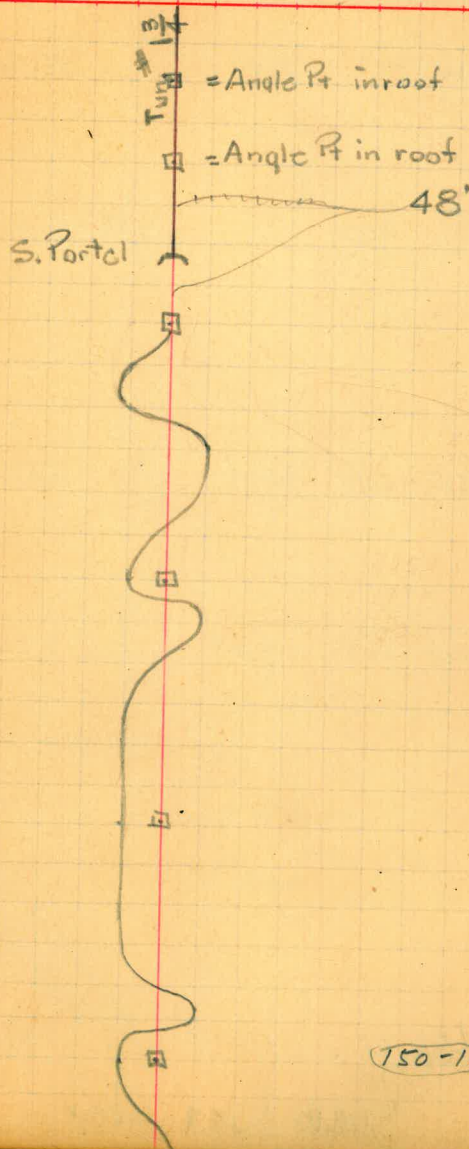
Sto	Dist	Lt	R+	Col Co	Mag Co	Stadio
993						
□ +013	183.8	8614		N4937W	N5015W	200 383
992						
991						
□ +92.9	108.4		2570	N3637E	N3600E	100 208
□ +09.7	83.2	3600		N1117E	N1045E	400 452
990						
989						
□ +77.3	132.4		5044	N4717E	N4645E	200 352
988						
□ +69.8	107.5	5211		N327W	N345W	400 507
987						
986						
	6153	17425	7604			



Sta	Dist	Lt	R+	Col Co	Mag Co	Stadia
1001						
□ +076	118.7		5400	N1934 E	N1900 E	200 318
1000						
999						
□ +595	148.4	5307		N3426w	N3500w	200 348
998						
□ +702	89.0	2700		N1841 E	N1800 E	400 488
997						
996						
□ +707	199.5		2922	N4541 E	N4500 E	200 349
995						
994						
□ 993 + 851	185.6		6556	N1619 E	N1540 E	200 385
	741.2	80.07	149.18			



Sta	Dist	L+	R+	Coil Co	Mag Co	Stebic
□ +426	122.8		4147	S8936E	N8975E	100 222
□ +078	34.8		7141	N4837E	N4740E	
1008						
□ +271	80.7		2648	N7304W	N2400W	300 380
1007						
1006						
□ +964	130.7	2519		N4952W	N5035W	300 430
1005						
1004						
□ +432	753.2		423	N2433W	N7510W	200 452.5
1003						
1002						
□ 1001	+263 216.9	4830		N2856W	N2975W	200 416.5
	839.1	7349	14439			



Sta	Dist	L+	R+	Col Co	Mag Co	Stadic
1017						
□ + 319	383	3109		N5159W	N5245W	400 437 ^E
1016						
□ + 387	932		1209	N2050W	N2125W	400 492 ^E
1015						
□ + 911	1476	3421		N3259W	N3330W	400 547
1014						
□ + 224	1687	4649		N122E	N045E	100 268
1013						
1012						
1011						
1010						
1009+654	357.0	42013		N4911E	N4730E	100 456
	804.8	15432	1209			

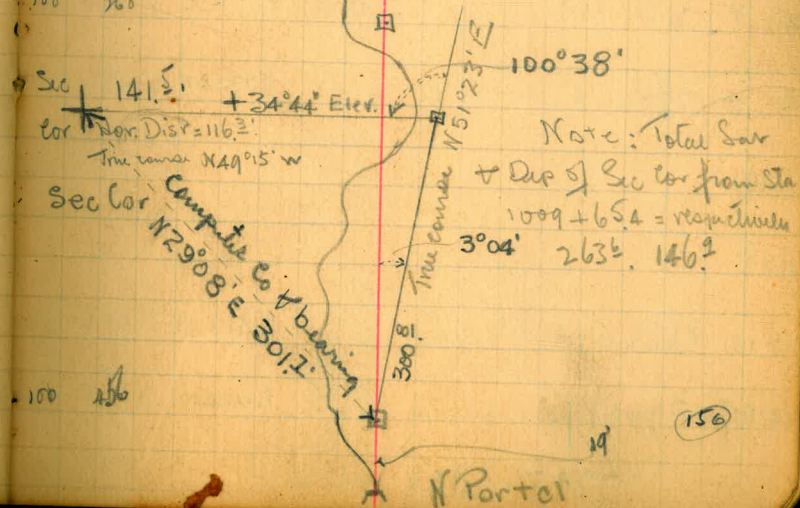
Began 1009+64.5

10-27-09

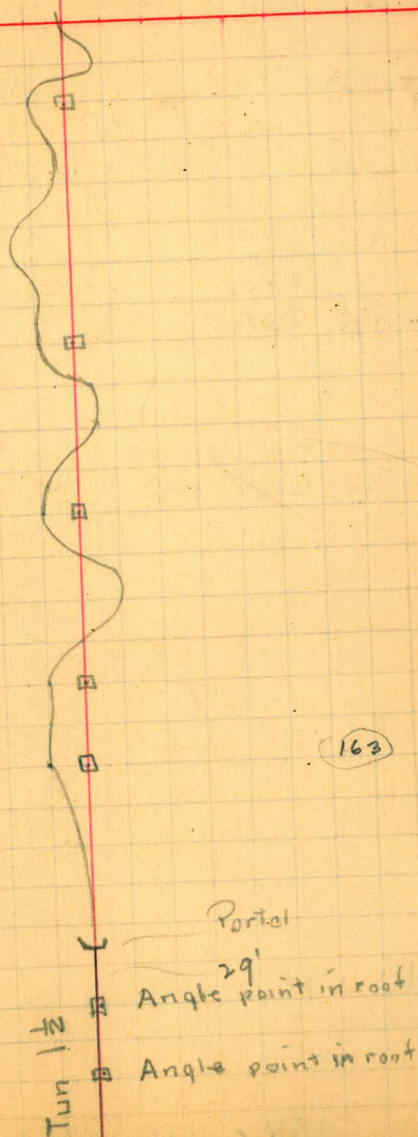
wueste

Salisbury

Jno. Fay



Sta	Disr	Wt	R+	Calco	Mag Co	Stacia
□ +206	170.5		4846	N5048E	N5010E	400 570
1023						
1022						
□ +674	153.2	3544		N202E	N155E	400 553
1021						
□ +521	115.3	2957		N3746E	N3815E	300 414.5
1020						
□ +70.2	81.9		4414	N6743E	N6720E	500 581
□ +055	64.7	1757		N7329E	N7320E	650 564
1019						
1018						
□ +87.7	117.8		5530	N4126E	N4030E	100 217
□ 1017 +702	175		3756	N1404W	N1500W	
	720.9	6338	18625			



Begin 1028+704

10-27-09

Wueste

Salisbury

Ino Fay

Src	Dist	Lt	R+	Cal Co	Mag Co	Stadia
□ + 985	783		3354	N77 52 E	N77 00 E	400 478
□ + 372	513	4308		N43 58 E	N43 05 E	500 550
1030						
□ + 723	649		7548	N97 06 E	N85 15 E	300 364
1029						
□ + 704	1019	1030		N111 8 E	N103 0 E	200 301
1028						
1027						
□ + 809	1895		3502	N21 41 E	N21 10 E	300 489
1026						
1025						
□ + 911	1898	6402		N13 14 W	N13 25 W	300 489
1024						
	6757	11740	14444			

Big boulder

Cottonwood Sawing

Sawtooth

 P 123° 53' from north line
 mag 569 30 E S

1/2 mi

Sta	Dist	H	R	Col Co	Magn Co
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Stacia

1039

1038

1037

□ + 08.1	4854	473		N3105E	N3150E	200	685
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1036

1035

□ + 293	1788	225		N7818E	N7845E	300	478
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1034

1033

□ + 29.1	2002		5232	N8043E	N8010E	300	500
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1032

□ + 668	623	4941		N2811E	N2735E	500	5613
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1031

9267 ✓ 9919 5232 ✓

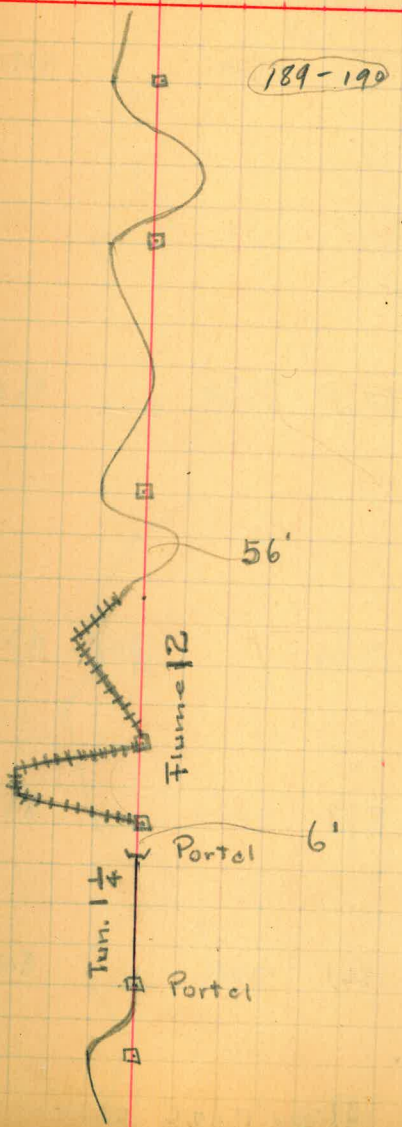


Sta	Dist	Lt	Rt	Cal Co	Mag Co	Stations
1047						
□ + 443	667		3714	N2039W	N2030W	500 566
1046						
□ + 869	574		3312	N5753W	N5745W	500 557
1045						
□ + 867	1002		2556	N2441W	N2515W	500 600
1044						
1043						
□ + 839	2028		504	N115E	N120E	300 502
1042						
1041						
□ + 935	1904		3454	N349W	N335W	300 490
1040						
	6175		9402			42.18 ✓



179-180

Sta	Dist	Lt	Rt	Col Co	Mags to	Stacia
□ + 137	143.1	2930		N2256W	N2035W	500 643
1053						
□ + 232	90.5	2750		N634E	N930E	400 490
1052						
1051						
□ + 137	209.5	3524		N3474E	N4040E	400 609
1050						
1049						
□ + 895	1242		5012	N6948E	N7430E	500 624
□ + 112	783		5653	N1936E	N2350E	1000 1077
1048						
□ + 592	52.0		1820	N3717W	N3600W	750 301
□ 1047 + 11.0	482	3458		N5537W	N5425W	100 147
7458 ✓	12742	12525 ✓				

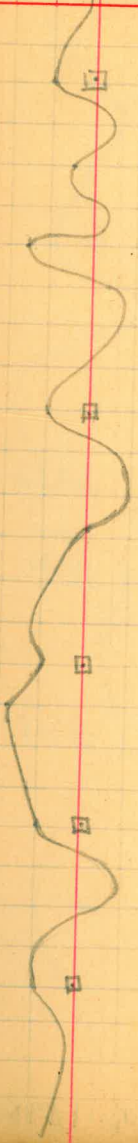


Sta	Dist	L+	R+	Col Co	Mag Co	Stadia
1061						
1060						
1059						
□ +762	1680	1307		N1919W	N2175W	300 467
1058						
1057						
□ +492	327.0	3239		N612W	N430W	300 627
1056						
□ +708	1784		9402	N2627E	N2830E	400 577
1055						
□ +829	87.9	2353		N6735W	N6730W	400 487
1054						
□ +568	126.1	2046		N4342W	N4305W	400 576

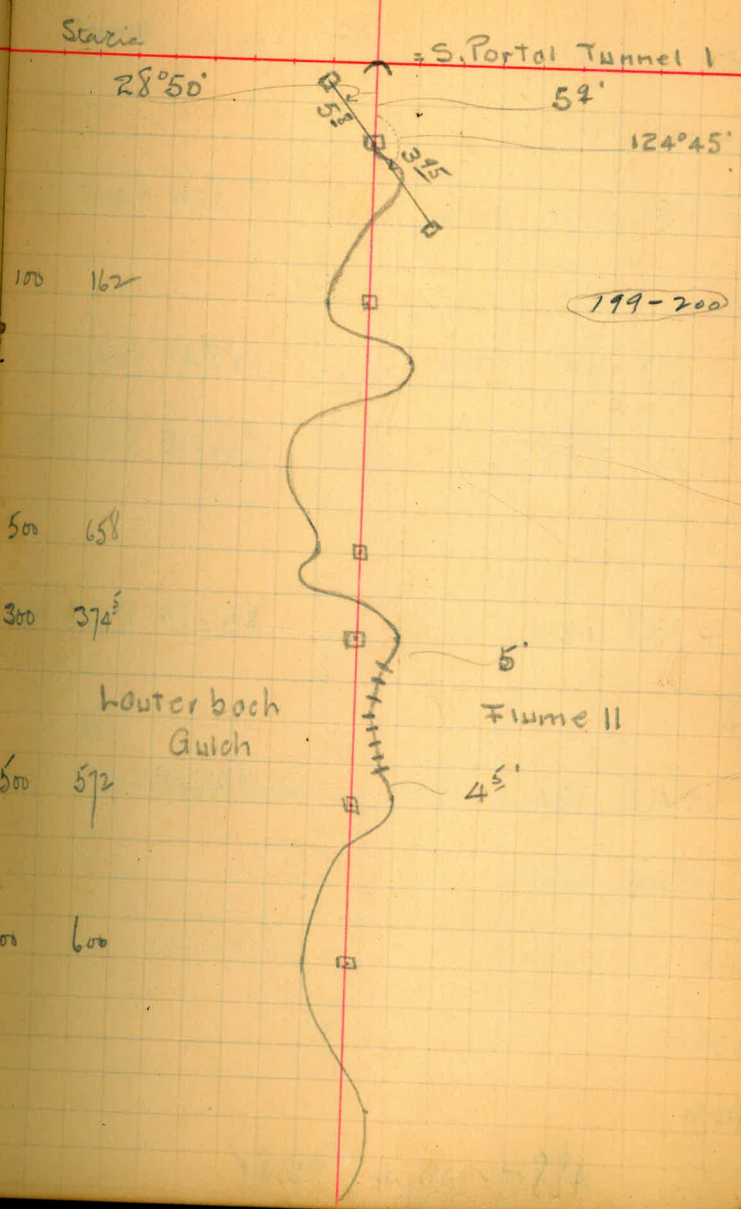
8874 ✓ 9025 9402 ✓

Began 1061+762 49
10-30-09

Wueste
Salisbury
Fay



Sta	Dist	Lt	Rt	Cal Co	Mag Co
1068	+142 1210.7	1904		N4934E	N5535E
1067	+513 629	4108		N6838E	N6840E
1066					
1065	+925 1588		3423	S7014E	S7150E
1065	+176 74.9		4631	N7523E	N7438E
1064	+448 72.8		6705	N2852E	N2705E
1063	+442 100.6	1854		N3813W	N3920W
1062					
	1680.7	7906	14759		



Sta	Dist	Lt	R	Calc	Magn	Stacia
1084						
□ +534	1602	2416		N052W	N005E	300 489
1083						
+737	797	3237		N2374E	N2430E	300 379
□ +155	582		7528	N5601E	N5735E	600 68
1082						
□ +135	1020	5052		N1927W	N1720W	500 601
1081						
□ +261	874	1809		N3125E	N3355E	300 386 ^s
□ +249	1.22					7 ⁶ ft above bottom
1080						
1075						
1070						

488.7 / 12554 7528 ✓



= nail in curb

= hub in bottom

6'

Begin 1085+136

Sta	Dist	Lt	Rt	Color	Angle	Seam
□ +040	994	2836		N5738W	N5625W	400 499
1091						
1090						
□ +848	1192	2016		N2902W	N2700W	300 418
1089						
□ +823	1025	4133		N846W	N600W	300 402
□ +083	740	2543		N3247E	N3455E	400 473 ^s
1088						
1087						
1086						
□ +868	2215		7203	N5830E	N6105E	300 521
□ +136	732	1241		N1333W	N1215W	300 373 ^s
1085						
6898 ✓	12849		7203 ✓			

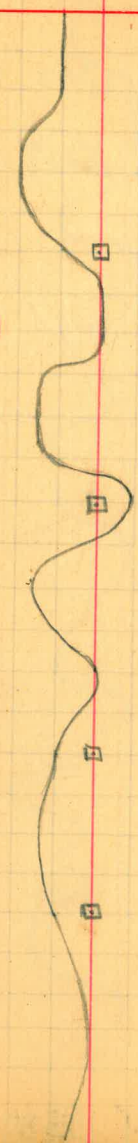
11-1-09

Wueste
Solisbury
Fcy

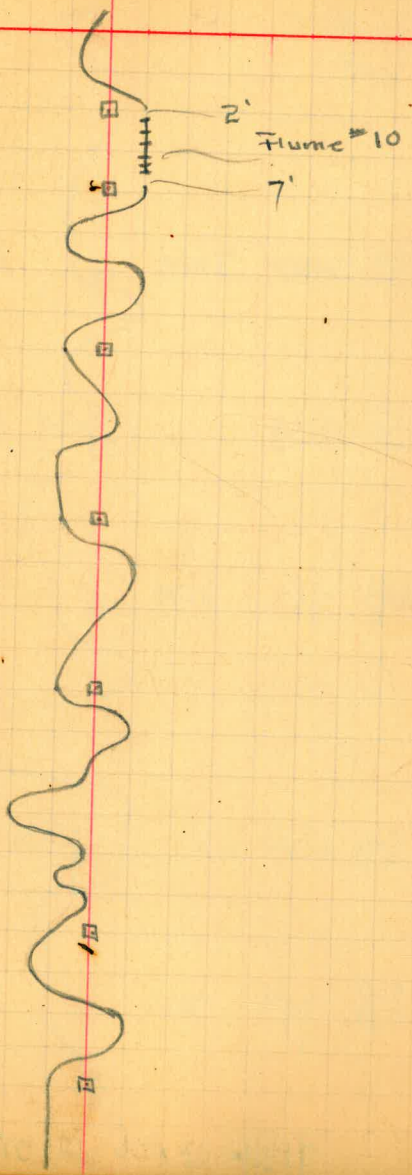


Sta	Disr	K+	R	Calcs	Mag to	Station
1099						
1098						
□	+644	153.8	1246		N147W N-	300 453
1097						
1096						
□	+939	170.5		8343	N1059E N1430E	300 470
1095						
1094						
□	+230	270.9		1312	N7244W N7215W	100 370
1093						
□	+034	119.6	2818		N8556W N8445W	500 619
1092						

714.8 ✓ 4104 9655 ✓



Sto	Dist	Lt	R+	Col Co	Mag Co	Sto	Sto
□ + 709	1169		3410	N1425E	N1530E	500	616
□ + 212	497		5428	N1945W	N1840W	600	649
1105							
□ + 605	607	4701		N7413W	N7315W	500	560
1104							
□ + 703	902	2224		N2712W	N26-W	400	489
1103							
□ + 955	748	4511		N448W	N330W	500	574
1102							
1101							
□ + 039	2916		6459	N4023E	N4110E	200	491
1100							
□ 1099+182	857	2249		N2436W	N2315W	500	585
	7696	13725	15337				

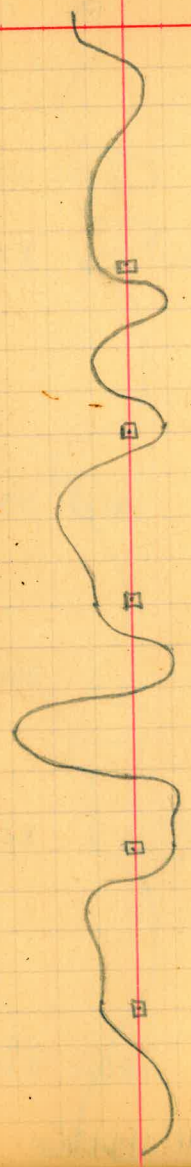


Begin 1111 + 254 55

11-2-09

Wueste
Salisbury
Fox

Sto	Dist	L+	R+	Col Co	Mag Co	Stoch
1113						
1112						
□ + 893	2102	3224		N3531E	N3615E	300 509
1111-						
□ + 254	1639		7029	N6755E	N6910E	500 663
1110						
□ + 491	763	6109		N234W	N150W	300 376
1109						
1108						
□ + 671	1820		7533	N5836E	N59-E	400 581
1107						
□ + 878	793	3123		N1658W	N1630W	500 578
1106						
	7117	12456	14602			

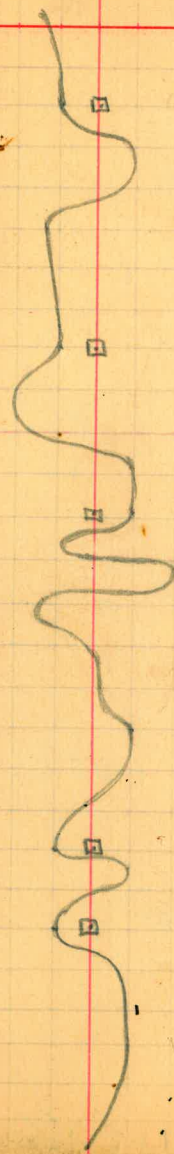


Sto	Dist	Lt	R+	Col Co	Mag Co	Stadio
1120						
□ + 96.3	2130		5357	N2836 E	N2910 E	300 512
□ + 038	925	6146		N2521 W	N2445 W	300 392
1114						
1118						
□ + 44.6	1592		2128	N3625 E	N3655 E	400 558
1117						
□ + 54.9	89.7	3129		N1457 E	N1530 E	300 389
1116						
□ + 14.3	140.6	3446		N4636 E	N4715 E	400 540
1115						
1114						
□ 1113 + 99.5	114.8		4551	N8122 E	N8135 E	500 614
	809.8	12811	12116			



Sto	Dist	Lt	Rt	Colco	Mag Co	Stoia
□ + 171	237.8	4543		N650E	N715E	100 337
1128						
1127						
□ + 72.6	144.5		3718	N5233E	N53-E	500 644
1126						
□ + 67.9	104.7		6606	N1515E	N1535E	500 604
1125						
1124						
1123						
□ + 74.2	293.7	4237		N5051W	N5030W	200 493
□ + 09.3	64.9	3650		N814W	N755W	200 364.5
1122						
1121						

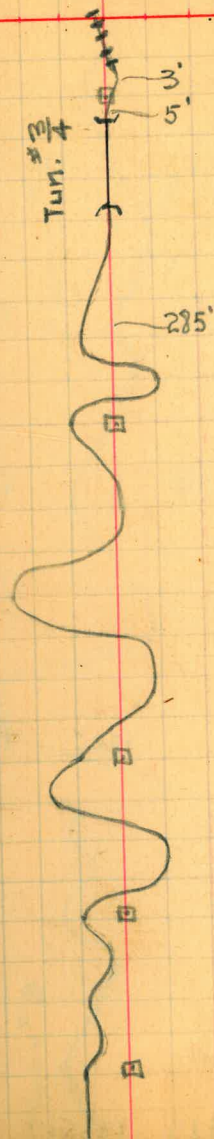
8456 ✓ 12510 10324 ✓



Sto	Dist	Lt	Rt	ColCo	MagCo	Sto dia
1136						
□ +058	99.1	1146°		N8052E	N8175E	200 298
1135						
1134						
□ +479	157.9		9338	S8722E	S87E	400 557
1133						
□ +51.1	96.8	2755		N100W	N030W	100 196
1132						
□ +60.1	91.0		6137	N2655E	N2745E	300 395
1131						
□ +54.9	105.2	4132		N3442W	N34-W	300 404
1130						
1129						
550.0 ✓ 8113 15515 ✓						

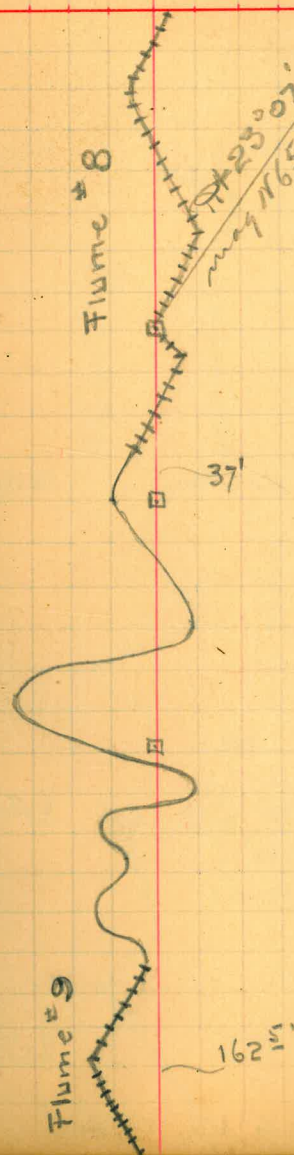


Sta	Dist	L+	R+	Col Co	Mog Co	Stadio
□ + 856	3734	1859		N4057E	N4150E	800 1173
1144						
1143						
1142						
□ + 075	3781	2836		N5956E	N6030E	200 577
1141						
1140						
1139						
□ + 862	2213		5039	N8832E	N8905E	300 520 ^E
1138						
□ + 889	973	1749		N3753E	N3845E	300 346 ^E
1137						
□ 1136 + 049	1840	2510		N5542E	N5610E	400 573
	12541	9034	5039			



Sto	Dist	H	R+	Col Co	Mag Co	Stacia
1154						
1153						
1152						
□ + 560	2525	1752		N2330E	N2405E	300 662
1151						
□ + 185	1375	1320		N4122E	N4150E	600 637
1150						
1149						
□ + 590	1595		1345	N5442E	N5510E	300 485
1148						
1147						
1146						
1145						

5495 ✓ 3112 1345 ✓



21/22
28/27 X
see cor
Bennett
gorge

60

Flume #8

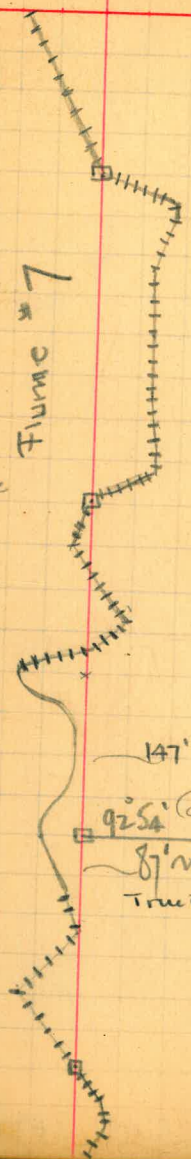
Flume #9

162 ft

37'

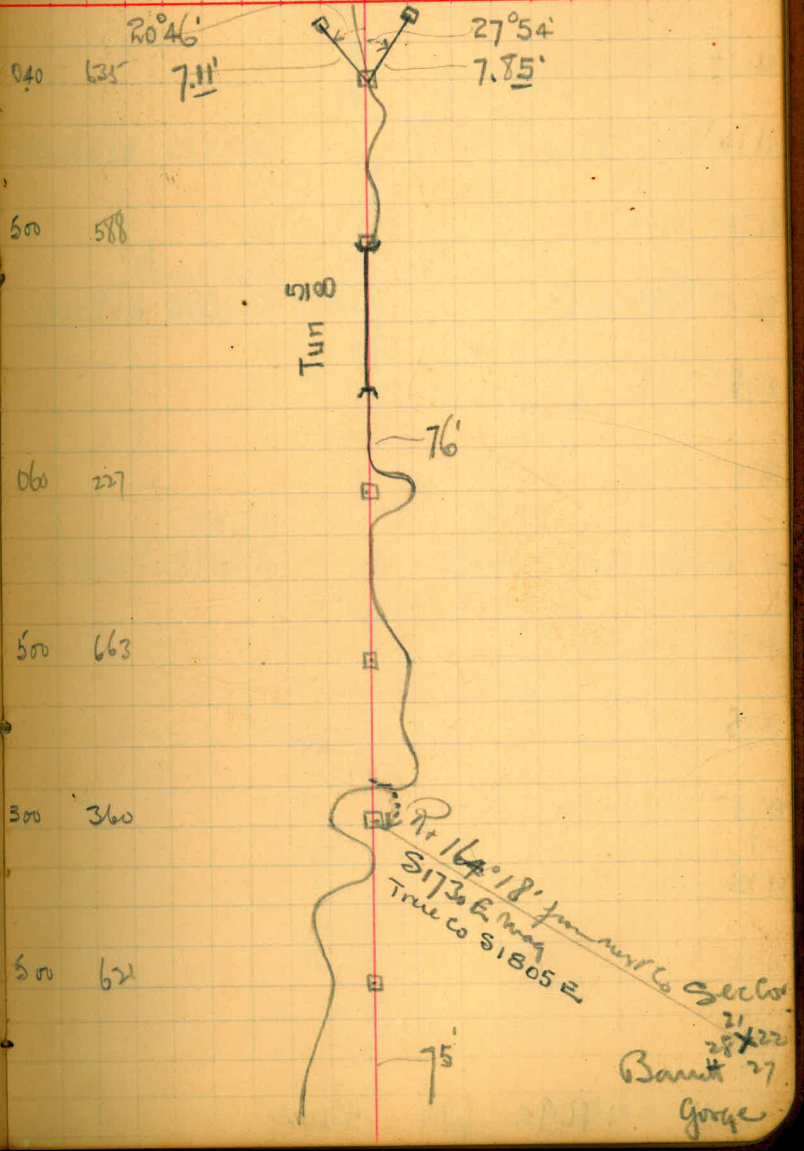
Sta	Dist	L+	R+	Col Co	Mag Co	Stacia
1163						
□ + 99!	137.1	1454		N1412W	N1400W	300 436
1162						
1161						
1160						
□ + 768	3223	2220		N042E	N100E	500 661 = Singl wire
1159						
1158						
1157						
□ + 59.1	317.7		925	N2302E	N2330E	200 517
1156						
1155						
□ 1154 + 085	250.6	953		N1337E	N1430E	300 650
	1027.7	4707	925			

Began 1160 + 768 61
 11-3-'09
 Wueste
 Solisbury
 Foy

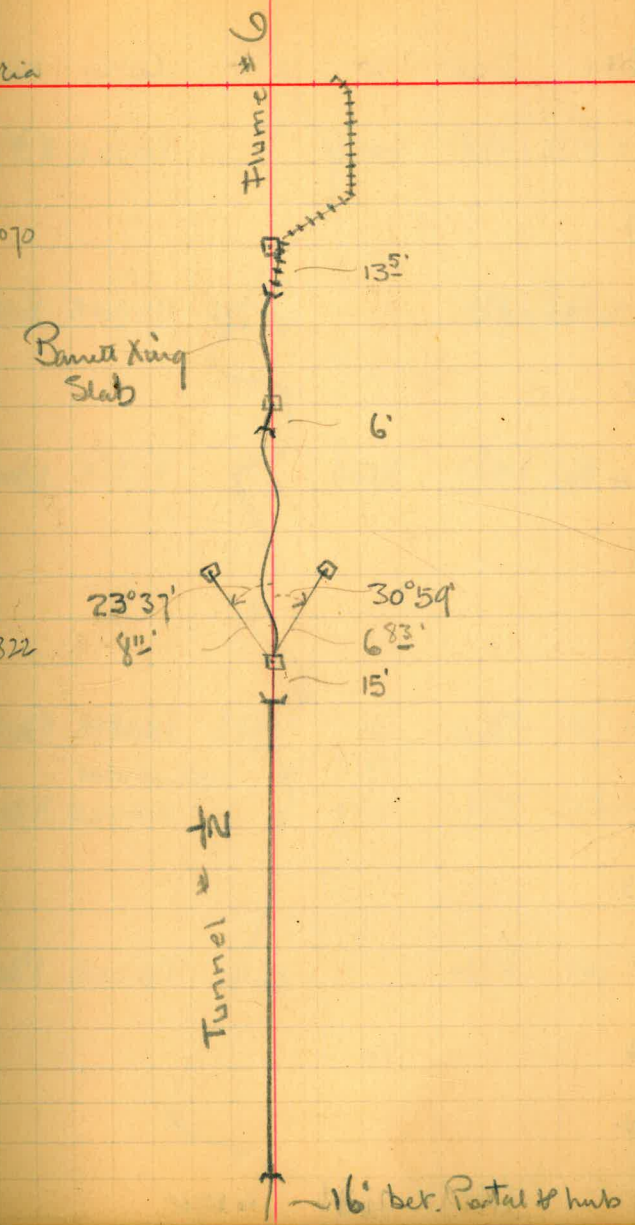


147'
 9254' P from last co 21 22
 87' mag 57305 R Banna 28 27
 Truco S7304E gorge

Sta	Dist	Lt	Rt	Col Co	m o q Co
1170	+381	595.0	4246	N3501E	N3605E
1169	+493	88.8	1313	N7747E	N7850E
1168	+822	167.1	5014	N6434E	N6350E
1167	+184	163.8	1709	N1420E	N1520E
1166	+578	606	5511	N249W	N145W
1165	+302	121.6	6634	N5222E	N5205E
1164					
	1196.9	9757	14710		

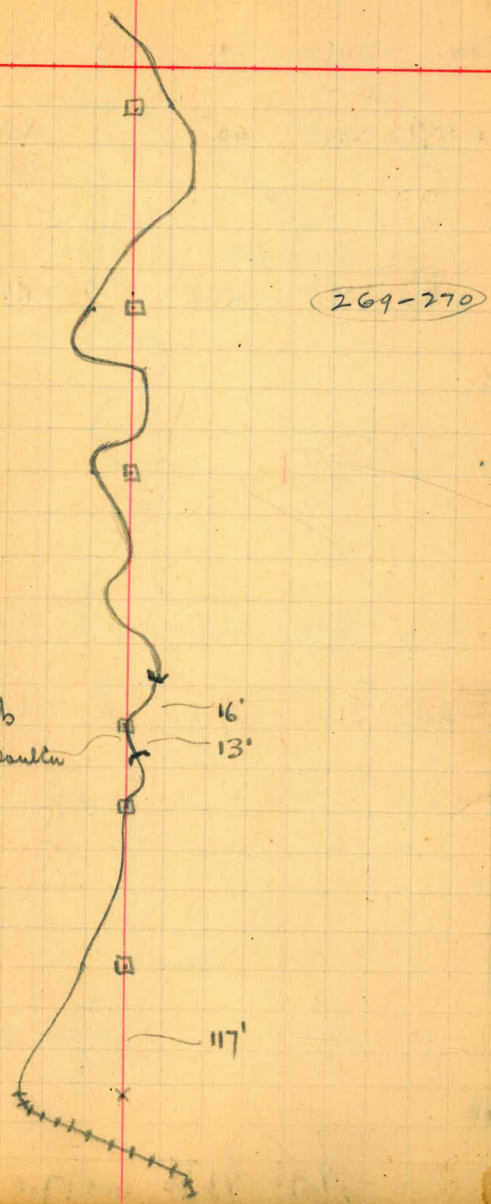


Sta	Dist	Lt	RF	Col Co	Mag Co	Scaria
1180						
□ +04.0	370.0	5447		N1311E	N1330E	700 1070
1179						
□ +55.3	48.7		5449	N6758E	N6830E	
1178						
1177						
□ +33.1	222.2	2152		N1309E	N1330E	100 322
1176						
1175						
1174						
1173						
1172						
1171						
	640.9	763.9	5449			



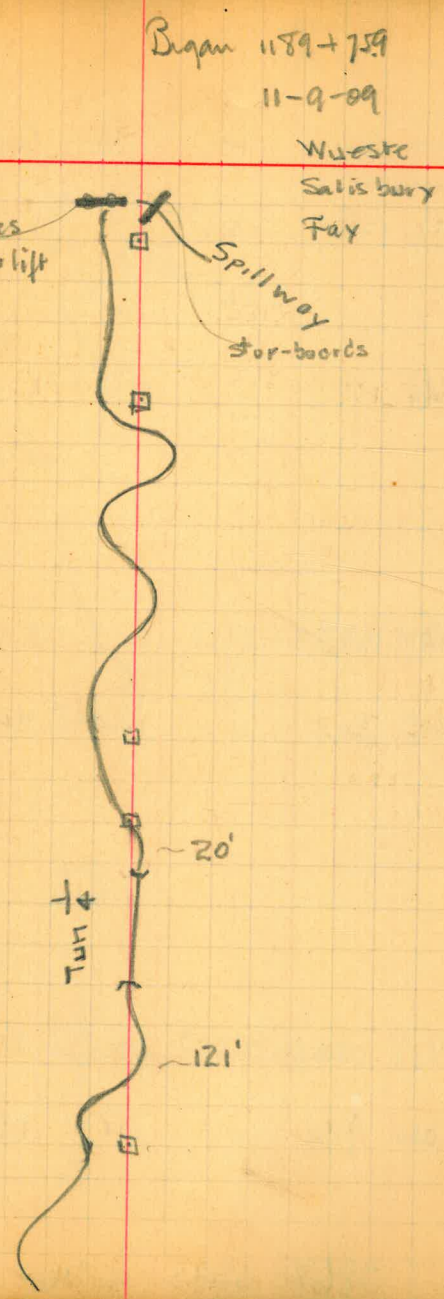
Sta	Dist	Lt	Rt	Cor	Mag	Stadia
1187	+50.0	1259	2408	N452E	N515E	500 635
1186	+54.8	952	2725	N2900E	N2925E	500 594.5
1185	+06.1	1487	3234	N135E	N210E	500 648
1184						
1183	+70.1	136.0	1943	N3409E	N4135E	100 235
1182	+41.2	289	1554	N1426E	N15-E	300 328
1181	+74.0	672	1709	N3020E	N3035E	100 166.5

6019 ✓ 7236 6417 ✓



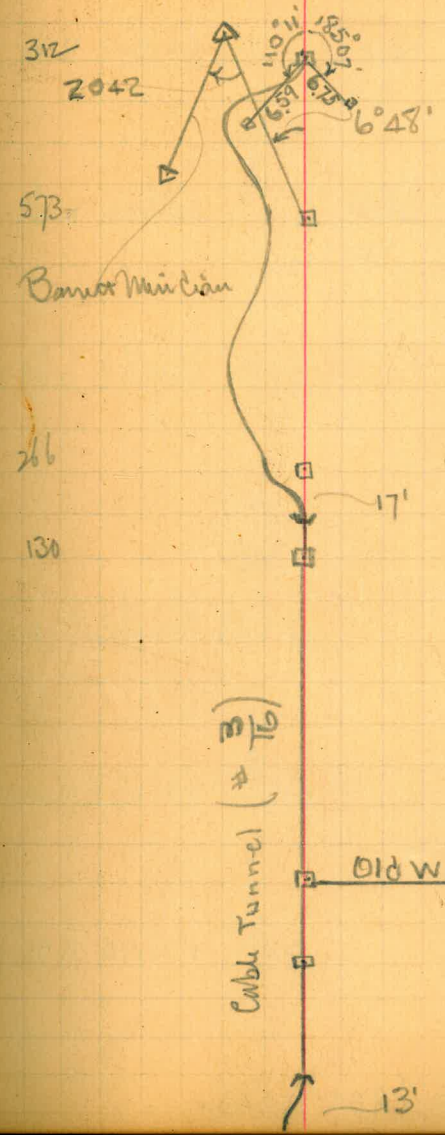
Sta	Dist	ht	Rt	Col Co	Mag Co	Stacia
1195	+ 75.4	29.0	4956	N 51.5 W	N 49.5 S W	100 128 Double Gates with screw lift
1194	+ 66.1	109.3	1424	N 1.5 S W	N 1.30 W	500 609
1193						
1192						
1191	+ 96.2	269.9	145	N 12.29 E	N 12.50 E	300 569
1190	+ 44.6	51.6	1947	N 14.14 E	N 14.35 E	600 651
1189						
1188	+ 75.9	268.7	2909	N 34.01 E	N 34.75 E	268 = inter apr

728.5 - 8552 2909 ✓

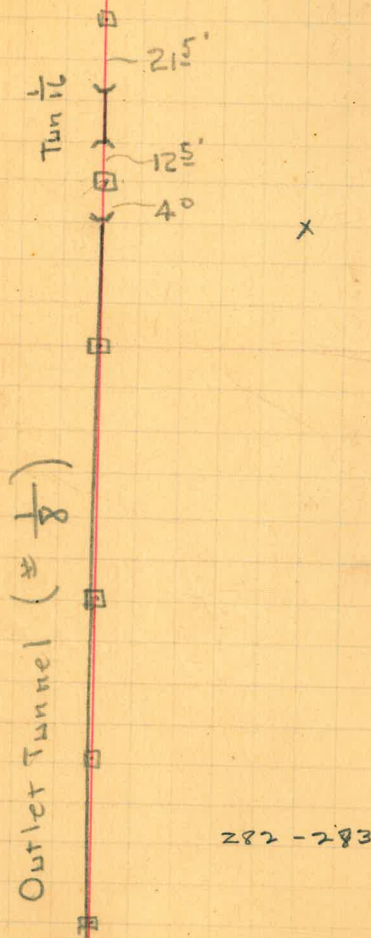


Sta	Dist	H	R	Col Co	Mag Co	Stacia
1202	+ 77.7	112.9	2312	X 446 E	N 5 - E	200 312 2042
1201	+ 040	173.7	1838	X 275 E	N 27.5 E	400 573 Bancroft Mine
1200	+ 36.7	167.3	3721	N 920 E	X 935 E	100 266
1199	+ 063	30.4	3445	N 46.1 E	N 47 - E	100 130
1198						
1197	+ 93.8	212.5	2526	N 115.6 E	N 12 - E	
1196	+ 044	89.4	3821	N 133.0 W	N 131.5 W	
	786.2	603.3	11710			

Began Sta 1203+77.7
11-10-69
WHESTE
Solisbury
Foy



Sta	Dist	ht	Rt	Calco	Mag co	Starii
1209	□ +202 663	1414		N4130E	N42-E	
1208	□ +384 818	5450		N5544E	N56-E	171 181
1207	□ +824 560		4046	S6926E	S6905E	153 155
1206						
1205	□ +669 2155		2846	N6948E	N7015E	
1204	□ +602 1067		1601	N4102E	N4125E	
1203	□ +906 696		2015	N7501E	N7505E	
	5959 ✓	6904	10548 ✓			



5.12.09 + 86.5

East bet sec 23 + 14

DIST vert

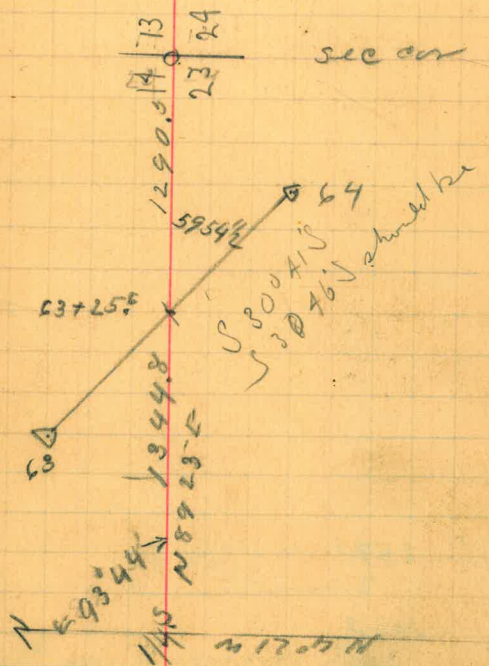
Sec cor	4.0 00		4.00
	276.7	-8° 00'	273.3
	271.6	+4° 37'	270.7
121	181.0	-9° 16'	621.8
	449.0	-9° 16'	
	530.		
			138.0
			1307.8
			17.3
			1290.5
.141.2	-12° 24'		
			1327.5
			17.3
			1349.8

Henry Hubbard

69

April 15 - 1912

missed cor 4" R or south



DIST vert

259.1 - 2000

106.3

342.5 00

see cor

70

ME. N 89 25 E

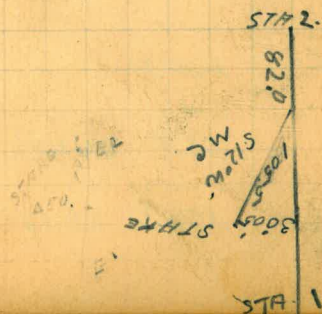
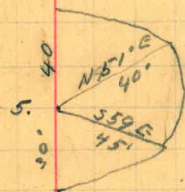
9002 S

Run east on Random line
from cor 2324.13.14

E LINE

	L	R	CAF	M @	STDAI
12	107.7		95°02½	N2648½E N2645E	10.9
11	71.9	16.43		N68.146 N68.154	0.73
10	62.0	73°02'		N51.314 N51.30W	0.63 -5.0
9	118.4	21.16		N21.31E N21.35E	1.20 +4.30
8	113.2		40°43'	N42.47E N42.45E	1.15
7	61.8	40.58½		N2.04E N2.0E	0.62
6	182.7		80°24½	N43.02½E N43.0E	1.85 +1.20
5	178.2	28°29'		N37.224 N37.25W	1.70
4	1.87.0	36°16'		N8.53W N9.0W	1.90 -1.030
3	47.2	16°17'		N27.23E N27.20E	0.47 -5.30
2	140.5		61.4½	N43.40E N43.30E	1.42
E 7	322.0	27°31½		N18.01½W N18.05W	3.27 -0.30'
93=E0	223.6	9°12'		N9.30E N9.25E	2.27 +0.30
92	33.5			N18.42E	

April 16-1912



L R

16

15	160.7		54°45'	N1435E N1430E	1.63
14	63.8	46 48 1/2		N40 10W N40 05W	0.64
13	158.0	20 10		N6.38 1/2 E N6.40 E	1.60

Bearings of Tangents
on S.D.P.A. "Z" line

795+07 - 825+90 - S78°22'W

775+50 - 783+66 - S23°22'W

740+38 - 751+90 - S61°32'W

Standard azimuth Barrett Dam 73°

7-24-'08

11:00 P.M.

Wueste.

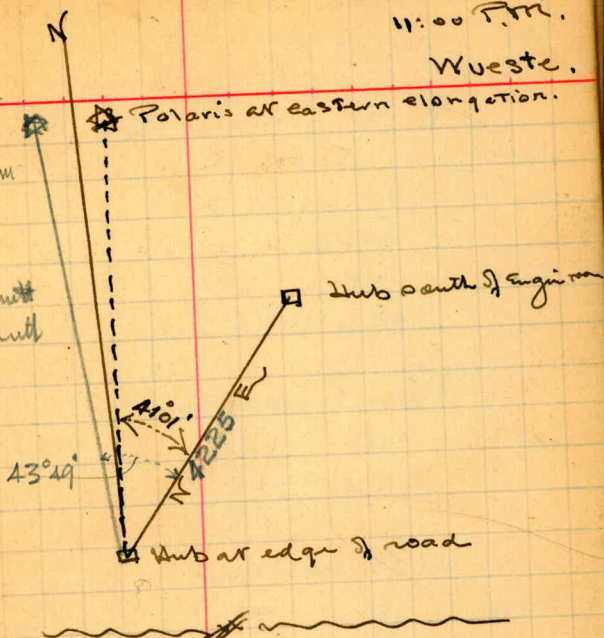
Polaris at west.

Elongation

11-30-09 2:35am

RW

True azimuth Barrett
Standard Azimuth



Description of Property owned by
R.M. Bloch et. al. Given over phone
by Moore 7-16-08.

R.M. Bloch & Rose F. Matchin

Sec 18 185 3E

$E\frac{1}{2}$ of $NW\frac{1}{4}$

Lot 3

Sec 13 185 2E

$NE\frac{1}{4}$ of $NE\frac{1}{4}$

Rose F. Matchin

Sec 7 185 3E

Lot 4

A.T. Matchin

Sec 4 185 3E

$E\frac{1}{2}$ of $NW\frac{1}{4}$

$SW\frac{1}{4}$ of $NW\frac{1}{4}$

$NW\frac{1}{4}$ & $SW\frac{1}{4}$

Minnie M. Alderson

Sec 185 3E

Lot 4

Sec 13 185 2E

$SE\frac{1}{4}$ of $SE\frac{1}{4}$

Sec 24 185 2E

$E\frac{1}{2}$ of $NE\frac{1}{4}$

Rosa McSaren

Sec 27 185 2E

$NE\frac{1}{4}$ of $SE\frac{1}{4}$

$E\frac{1}{2}$ of $NE\frac{1}{4}$

43 ~~42~~ 42'

4941

864

5805

St. 1231 + 06

15634 K² for next to = 1232 + 06

mag 56450 W 534

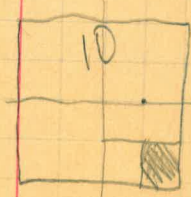
75

True north

★ Eastern Elevation
of Polaris 9-10-09
8:30 P.M.
Wueste - Salisbury.



□ Birch's car on Rangely
bet. 2 & 3 East



8442	4326	150
5152	7030	11147
13634	18400	6913
150	6600	

Area	2	43	26	3	4	6
-36	-30	10-26	9-26	57		
	26	8-26		Ferry cut		

7
 Mydona Ferry
 9-26
 114.5

6613		4172
2344		97
9157		514
150		
8800		

17237	+1956	1772
	-1954	
2100	+1130	2430
6959	0405L	+1216
2150		514
9147	28.4R	+1222
150		4519
1911	143R	+1943

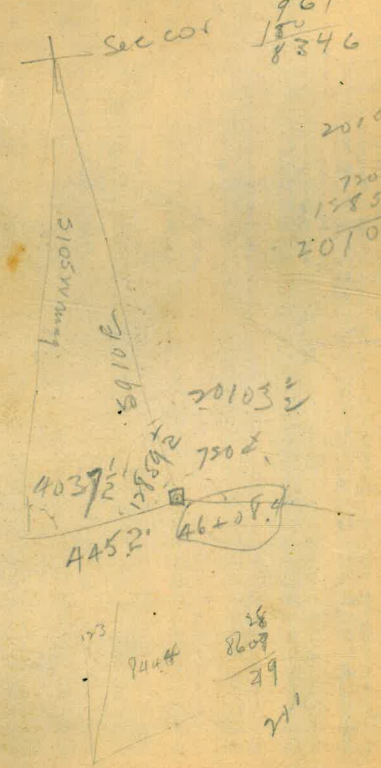
607 = Sta 756 + 31 =

2001
 R18
 606

8823
 4925
 13728
 150
 4232

93000
 16709
 13460

6959
 2615
 9614
 150
 8346



20103
 720
 15856
 20103

9444
 8609
 29
 21

0
1
2
3
4
5
6
7
8
9
10
11
12

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

FOR SINGLE TRACK EMBANKMENT.

ROADWAY 14 FEET WIDE. SIDE SLOPES $1\frac{1}{2}$ TO 1.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	7.0	7.2	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.4	0
1	8.5	8.7	8.8	9.0	9.1	9.3	9.4	9.6	9.7	9.9	1
2	10.0	10.2	10.3	10.5	10.6	10.8	10.9	11.1	11.2	11.4	2
3	11.5	11.7	11.8	12.0	12.1	12.3	12.4	12.6	12.7	12.9	3
4	13.0	13.2	13.3	13.5	13.6	13.8	13.9	14.1	14.2	14.4	4
5	14.5	14.7	14.8	15.0	15.1	15.3	15.4	15.6	15.7	15.9	5
6	16.0	16.2	16.3	16.5	16.6	16.8	16.9	17.1	17.2	17.4	6
7	17.5	17.7	17.8	18.0	18.1	18.3	18.4	18.6	18.7	18.9	7
8	19.0	19.2	19.3	19.5	19.6	19.8	19.9	20.1	20.2	20.4	8
9	20.5	20.7	20.8	21.0	21.1	21.3	21.4	21.6	21.7	21.9	9
10	22.0	22.2	22.3	22.5	22.6	22.8	22.9	23.1	23.2	23.4	10
11	23.5	23.7	23.8	24.0	24.1	24.3	24.4	24.6	24.7	24.9	11
12	25.0	25.2	25.3	25.5	25.6	25.8	25.9	26.1	26.2	26.4	12
13	26.5	26.7	26.8	27.0	27.1	27.3	27.4	27.6	27.7	27.9	13
14	28.0	28.2	28.3	28.5	28.6	28.8	28.9	29.1	29.2	29.4	14
15	29.5	29.7	29.8	30.0	30.1	30.3	30.4	30.6	30.7	30.9	15
16	31.0	31.2	31.3	31.5	31.6	31.8	31.9	32.1	32.2	32.4	16
17	32.5	32.7	32.8	33.0	33.1	33.3	33.4	33.6	33.7	33.9	17
18	34.0	34.2	34.3	34.5	34.6	34.8	34.9	35.1	35.2	35.4	18
19	35.5	35.7	35.8	36.0	36.1	36.3	36.4	36.6	36.7	36.9	19
20	37.0	37.2	37.3	37.5	37.6	37.8	37.9	38.1	38.2	38.4	20
21	38.5	38.7	38.8	39.0	39.1	39.3	39.4	39.6	39.7	39.9	21
22	40.0	40.2	40.3	40.5	40.6	40.8	40.9	41.1	41.2	41.4	22
23	41.5	41.7	41.8	42.0	42.1	42.3	42.4	42.6	42.7	42.9	23
24	43.0	43.2	43.3	43.5	43.6	43.8	43.9	44.1	44.2	44.4	24
25	44.5	44.7	44.8	45.0	45.1	45.3	45.4	45.6	45.7	45.9	25
26	46.0	46.2	46.3	46.5	46.6	46.8	46.9	47.1	47.2	47.4	26
27	47.5	47.7	47.8	48.0	48.1	48.3	48.4	48.6	48.7	48.9	27
28	49.0	49.2	49.3	49.5	49.6	49.8	49.9	50.1	50.2	50.4	28
29	50.5	50.7	50.8	51.0	51.1	51.3	51.4	51.6	51.7	51.9	29
30	52.0	52.2	52.3	52.5	52.6	52.8	52.9	53.1	53.2	53.4	30
31	53.5	53.7	53.8	54.0	54.1	54.3	54.4	54.6	54.7	54.9	31
32	55.0	55.2	55.3	55.5	55.6	55.8	55.9	56.1	56.2	56.4	32
33	56.5	56.7	56.8	57.0	57.1	57.3	57.4	57.6	57.7	57.9	33
34	58.0	58.2	58.3	58.5	58.6	58.8	58.9	59.1	59.2	59.4	34
35	59.5	59.7	59.8	60.0	60.1	60.3	60.4	60.6	60.7	60.9	35
36	61.0	61.2	61.3	61.5	61.6	61.8	61.9	62.1	62.2	62.4	36

Calculated by Julien A. Hall, M. Am. Soc. C. E.