

1915

FIELD BOOK

No. F404



Indianapolis Blue Print & Supply Co.
Indianapolis, Indiana

2

N. KENTUCKY.

	+	-	π	East	West
Sta					
0	2.03			2.03	2.26
1				2.65	4.50
2				4.45	6.35
+15				5.70	7.10
125				5.50	7.20
3				8.15	7.25
+42				9.20	10.25

On cement walk

3

Sta	Dist.	Stave.	Remarks
19+96.35	46.35	2'R	
19+50	50	2'R	
19	50	2'R	
18+50	50	2'R	
18	50	2'R	
17+50	50	2'R	
17	50	2'R	
16+50	50	2'R	
16	50	2'R	
15+50	50	2'R	
15	50	2'R	
14+50	50	2'R	
14	50	2'R	
13+50	50	2'R	Near Div fence
13	50	2'R	
12+65.75	15.75	2'R	Manhole
12+50	50	2'R	
12	50	2'R	
11+50	50	2'R	
11	50	2'R	
10+50	23.2	2'R	
10+26.8	26.8	2'R	Manhole-junction

5

MAIN OUTFALL

June 21 Cloudy

T.R. Harney Eng'g
W. H. Nichols

Notes.
This line is to Harry Baughman
be of 18" pipe.

Def. R. 6° 8'

DATE	KIND OF LABOR	HR'S	PRICE	TOTAL
June 25	Team	7	.50	3.50
Clear	2 Teams	7	.40	2.80
Hot	Ditcher	7	.20	1.40
	Dumper	7	.20	1.40
	Used slips		.20	

June 26	Team	10	.50	5.00
	2 Teams	10	.40	4.00
	1 Team	5	.40	2.00
	2 Ditchers	10	.20	2.00
	1 Dumper	10	.20	2.00
	Rodman	3 1/2	.20	.70
	Used slips			

June 27	Team	10	.50	5.00
	2 Teams	10	.40	4.00
	2 Ditchers	10	.20	2.00
	1 Dumper	10	.20	2.00
	1 Loader	10	.20	2.00
	Rodman	5	.20	1.00
	Approx 100 yds. Used slips			

June 28	Team	10	.50	5.00
	2 Teams	10	.40	4.00
	1 Ditcher	5	.20	1.00
	35 Shovelers	10	.20	6.00
	1 Dumper	5	.20	1.00
	1 Loader	3	.20	1.00

Surface Excavation. Sod and sand. Flow and slips

Clear - Hot

Ditch by shovels above tank

Clear - Hot

Surface Excavation. Sand. Slips staked Outlet and Tanks.

Ditch below tank - shovels

Clear - Hot

Ave. depth 4' Slips. Ave haul 100' Moved 100 yds. - Sand.

Stakes outlet manhole and filters

Ditch below tank

35 yds. 4' haul
 440 Teams -
 100 yds. 100' haul
 Clear - Hot
 Ave. Depth 5' - Haul 60' Sand
 and gravel. Wagons 1/2 Slips 1/2
 Saved 1 1/2 yds. Con. gravel.
 Total yds. work 475 Total cost \$77.60
 Per yd.

10

DATE	KIND OF Labor	HRS	Price	Total
June 30	Team	10	50	5.00
	3 Teams	10	40	12.00
	2 Drivers	5	20	2.00
	1 Dumper	10	20	2.00
	1 Loader	2	20	2.00
July 1	Team	16	50	3.00
	3 Teams	16	40	7.20
	1 Dumper	16	20	1.20
	1 Loader	6	20	1.20
July 2	Team	10	50	5.00
	3 Teams	10	40	12.00
	1 Team	5	40	2.00
	1 Dumper	10	20	2.00
	1 Loader	10	20	2.00

July 3

11

Pl. Clear & fill

Started Outlet to tank wall
Slips and plow Sand in Filter

Work in N. Filter. Sand and gravel.
Slips & plow at edges.
Rain P.M.

Work in N. Filter. Sand and gravel
Slips & plow at edges.
Clear - Hot.

Sta	TT	E	G	Cut	Rise
B. 17	547.470.86	464.79			
0		5.74	464.52		
1		4.10	466.16		
2		1.69	468.57	460	8.57 3.43
3		1.55	468.71	458.51	49.20 2.80 } 12'
4		3.17	467.59	458.03	8.06 3.94 } —
5		5.89	464.37	458.59	5.83 2.17 } —
6		6.15	464.11	457.06	6.05 1.95 } 8'
7		8.14	462.12	456.57	5.55 2.45 } —
17		8.95	461.31	456.41	4.90 3.10 } in rim &
		<u>4.90</u>			Flow line to rim
		13.85	456.41		Reading flow line

469.11
457.06
7.05

16

Sept 15 1915
Hauling Gravel

Newman 1 yd fd. 90¢

Sept 16

Wilson -

Hauling Cement

12½ lb @ 10¢ per 1.25

Sept 18

Wilson - Cement 1.25
" Iron 2.00

Newman - Iron paid 1.50

17

Sept 15 1915
Gravel yds

Lane 1 yd .25

Sept 18

Larkin - Cement - 25¢

38

	+	-	Σ	Eley
B.M.	4.25		504.25	500.
1		8.25		496.00
0	2.25	0.25	498.00	
2	6.00			492.00
	4	2	504	500
	8	3		
	5		506	

39

No. 5.

^{30"}
 { B. Walnut N. 85° E 51 Feet
 { E+W Line post E. 18.2 "
 { " " " " W. 17. "

No. 6.

{ Maple 6" N. 25° W 56.3 Feet
 { " 8" N. 85° W 22. "

No. 7. A. rock 330 Ft. S. of 1/2 Mile Stone

{ Cedar 6" S. 25° E 46.8 Feet
 { Maple 20" S. 30° W 22.?

No. 8.

{

No. 9

{ Catalpa 12" S. 60° W. .26 Ch.
 { Catalpa 12" N. 70° W. .24 Ch.

No. 10 -

Maple 2" N. 40° E 22.4
 Maple 20" S. 55° E 29.

159
 330

 155.70

19.95
 1.65

 99.75
 119.70

 199.5

 329.175

Witness to stones
112 on MACKAY Road.

No. 1. T_oW Line

Wit { Bracerock S. 80° E. 24 Chains
" " S. 50. W. 43

No 2 Church & School House

{

No. 3. 1

{ Ash 6" N. 15° W. 24.3 Feet

No. 4,

{ Pignot Hickory 24" N. 45° E. 27.5 Feet
Line post S 16.8 "
N.W. Cor. post. N. 45° W. 24. "

Turn
over this
way

113

24
66
144
144
13.84

.43
66
258
258
28.38

0097

17

679

97

1649

0097

30

4850

	+	-	∩	Elev
BM.	1.60		473.67	472.07
6		9.55	467.82	464.57
5		9.30	464.57	464.57
0	6.55	9.30	470.82	
4		3.82	3.82	467.60

473.67
 9.30
 464.37
 6.55
 470.82

1.95

1.77

68

458.00

456.41

259000

2403

1870

1869.0194

Indx S

(267)

0097

2

.0194

16

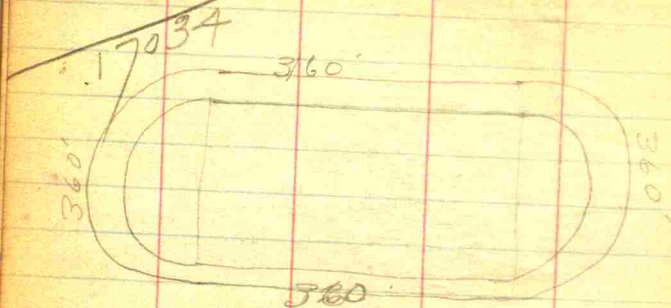
.02

.32

473.67

464.67

116 ⁰¹⁰⁰² 17



$$\pi R = 360'$$

$$49715 + \log R = 55650$$

$$\log R = \frac{2.35630 - 49715}{49715} = 2.05915$$

$$\log R = 11458$$

$$\frac{2}{229.16}$$

456.41

~~17~~
36

117

~~159~~ 000
347
1539
3900
3619
281

.00308

50

0.15400

.00501

17

.09517

456.41

.09

456.50

25

456.75

25

2.590004

317

583

504

49500

4153

.005061

50

.25050