

# C & S EXCAVATING COMPANY

Phone 489-9482

BOX 49  
DUNMORE, PA. 18512

Bore Hole No. 41-C Drilled 3-15 19 77

## DRILLER'S DAILY REPORT

Drilled by CNS EXCAVATING CO  
In Alley between River St. and Johnson St., 102' South of West St.

At RIVER ALLEY Location Pittston

Description: 10" INJECTION HOLE TO THE  
CHICKER VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
<u>MASH</u>			<u>8</u>		<u>8</u>		
<u>ROCK</u>			<u>4</u>		<u>12</u>		
<u>12" CASING PIPE</u>	<u>12</u>						
<u>ROCK</u>			<u>14</u>		<u>28</u>		
<u>BKW ROCK</u>			<u>18</u>		<u>46</u>		
<u>ROCK</u>			<u>2</u>		<u>48</u>		

Remarks: \_\_\_\_\_

T7-4  
Machine No.

Driller S. Maglar

Bit No.

B. Hunter  
Department Representative

14-12 1/4  
Type and Size Bit

12" DRILLING - 12'  
12" CASING - 12'  
10" DRILLING - 36'  
10" CASING - NONE

# C & S EXCAVATING COMPANY

BOX 49  
DUNMORE, PA. 18512

161  
Phone 489-9482

Bore Hole No. 42-c Drilled 3-16 19 77

## DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

At <sup>112' SOUTH</sup> ~~044 WEST ST~~ <sup>IN</sup> RIVER ALLEY B/W RIVER & JOHNSON ST Location Pittston

Description: 10" INJECTION HOLE TO THE  
CHECKER VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
<u>WASH</u>			<u>7</u>		<u>7</u>		
<u>Rock</u>			<u>4</u>		<u>11</u>		
<u>12" casing pipe</u>		<u>11</u>					
<u>Rock</u>			<u>25</u>		<u>36</u>		
<u>BKN Rock</u>			<u>9</u>		<u>45</u>		
<u>OPEN</u>			<u>1</u>		<u>46</u>		
<u>Rock</u>			<u>2</u>		<u>48</u>		
<u>10" casing pipe</u>		<u>45</u>					

Remarks: \_\_\_\_\_

IR-4  
Machine No.

Driller S. Magli

Bit No. \_\_\_\_\_

B DRUTOR  
Department Representative

14-12 1/4  
Type and Size Bit

12" DRILLING 11'  
12' CASING 11'  
10" DRILLING 34'  
10" CASING 45'

✓

162

# C & S EXCAVATING COMPANY

Phone 489-9482

BOX 49  
DUNMORE, PA. 18512

Bore Hole No. 43-C Drilled 3-17 19 77

## DRILLER'S DAILY REPORT

Drilled by C&S EXCAVATING CO

At <sup>142' SOUTH</sup> OFF WEST ST 1<sup>st</sup> IN RIVER ALLEY <sup>B/W RIVER + JOHNSON ST</sup> Location Pittston

Description: 10' INJECTION HOLE TO THE  
CHECKER VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			6		6		
ROCK			4		10		
12" CASING PIPE	10						
ROCK			31		41		
OPEN			6		47		
ROCK			2		49		
10" CASING PIPE	41						

Remarks: \_\_\_\_\_

IR-4  
Machine No.

Driller S. Magli

Bit No.

B. Brunton  
Department Representative

14-12 1/4  
Type and Size Bit

12" DRILLING - 10'  
12" CASING - 10'  
10" DRILLING - 31'  
10" CASING - 41'

# C & S EXCAVATING COMPANY

163

Phone 489-9482

BOX 49  
DUNMORE, PA. 18512

Bore Hole No. 44-C Drilled 3-18 19 77

## DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

At 172' SOUTH OF WEST ST IN RIVER ALLEY BLW RIVER + JOHNSON ST Location Pittston

Description: 10" INJECTION HOLE TO THE CHECKER VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			6		6		
Rock			4		10		
12" casing pipe	10						
Rock			24		34		
BKN. Rock			13		47		
Rock			2		49		

Remarks: \_\_\_\_\_

IR-4  
Machine No.

Driller S. Maglio

Bit No.  
1A-15 1/4  
Type and Size Bit

B. Director  
Department Representative

12" DRILLING - 10'  
12" CASING - 10'  
10" DRILLING - 39'  
10" CASING - NONE

# C & S EXCAVATING COMPANY

164

Phone 489-9482

BOX 49  
DUNMORE, PA. 18512

Bore Hole No. 45-C Drilled 3-24 19 77

## DRILLER'S DAILY REPORT

Drilled by CAS EXCAVATING CO  
 At <sup>132 SOUTH</sup> ~~OFF~~ WEST IN RIVER ALLEY D/W RIVER + JOHNSON ST Location 1 1/2 to 2 mi

Description: 10" INJECTION HOLE TO THE  
CHECKER VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			6		6		
ROCK			4		10		
12" CASING PIPE	10						
ROCK			30		40		
OPEN			4		44		
10" CASING PIPE	39						

Remarks: BARRIER BORE HOLE

IA-4  
Machine No.

Driller S. Magli

Bit No.

B. Dructor  
Department Representative

14-12 1/4  
Type and Size Bit

12" DRILLING 10'  
 12" CASING 10'  
 10" DRILLING 30'  
 10" CASING 39'

# C & S EXCAVATING COMPANY

Phone 489-9482

BOX 49  
DUNMORE, PA. 18512

Bore Hole No. 46-C Drilled 3/25 19 77

## DRILLER'S DAILY REPORT

Drilled by C&S EXCAVATING CO

At <sup>200 SOUTH</sup> 044 WEST ST IN RIVER ALLEY <sup>BLW RIVER + JOHNSON</sup> Location Pittston

Description: 10" INJECTION HOLE TO THE  
CHECKER VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
<u>WAS 4</u>			<u>7</u>		<u>7</u>		
<u>Rock</u>			<u>4</u>		<u>11</u>		
<u>12" CASING PIPE</u>	<u>11</u>						
<u>Rock</u>			<u>32</u>		<u>43</u>		
<u>Coal</u>			<u>5</u>		<u>48</u>		

Remarks: BARRIER BORE HOLE

TK-4  
Machine No.

Driller S. Magli

Bit No.

B. Pructone

14-15 1/4  
Type and Size Bit

Department Representative 12" DRILLING 11  
12" CASING 11  
10" DRILLING 37  
10" CASING NONE

# C & S EXCAVATING COMPANY

Phone 489-9482

BOX 49  
DUNMORE, PA. 18512

Bore Hole No. 47-C Drilled 3-28 19 77

## DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

At 212 SOUTH WEST 1<sup>st</sup> IN RIVER ALLEY B/W RIVER + JOHNSON'S ST Location Pittston

Description: 10" INJECTION HOLE TO THE CHECKER VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			7		7		
ROCK			4		11		
12" CASING PIPE	11						
ROCK			25		36		
BKN ROCK			12		48		

Remarks: \_\_\_\_\_

TA-4  
Machine No.

Driller S. Magli

Bit No.

B. Amatore

14-12 1/4  
Type and Size Bit

Department Representative

12" DRILLING 11'  
12" CASING 11'  
16" DRILLING 37'  
10" CASING - NONE

# C & S EXCAVATING COMPANY

Phone 489-9482

BOX 49  
DUNMORE, PA. 18512

Bore Hole No. 48-C Drilled 3/31 19 77

## DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

292 SOUTH 6TH  
At GARFIELD IN RIVER ALLEY blw RIVER + JOHNSON ST Location Pittston

Description: 10" INJECTION HOLE TO THE  
CHECKER VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
<u>WAS 6</u>			<u>13</u>		<u>13</u>		
<u>Rock</u>			<u>4</u>		<u>17</u>		
<u>12" CASING PIPE</u>	<u>17</u>						
<u>Rock</u>			<u>35</u>		<u>52</u>		
<u>BRN MATERIAL</u>			<u>7</u>		<u>59</u>		

Remarks: \_\_\_\_\_

TA-4  
Machine No.

Driller S. Maglio

Bit No.

B. Duncton  
Department Representative

14-12 1/2  
Type and Size Bit

12" DRILLING - 17'  
12" CASING - 17'  
10" DRILLING - 42'  
10" CASING - NONE



# C & S EXCAVATING COMPANY

Phone 489-9482

BOX 49  
DUNMORE, PA. 18512

Bore Hole No. BH-49-C Drilled 3-30 19 77

## DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

282 SOUTH  
At OFF GARTFIELD IN RIVER ALLEY B/W RIVER - JOHNSON ST. Location Pittston

Description: 10" INJECTION HOLE TO THE CHECKER VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			14		14		
ROCK			4		18		
12" CASING PIPE	18						
ROCK			<del>3</del> 3		51		
BROKEN MATERIAL			7		58		
OPEN			1		59		
10" CASING PIPE	58						

Remarks: \_\_\_\_\_

TR-4  
Machine No.

Driller S. Maglio

Bit No. \_\_\_\_\_

B. Dunston  
Department Representative

12 1/2 - 14  
Type and Size Bit

12" DRILLING - 18'  
12" CASING - 18'  
10" DRILLING - 40'  
10" CASING - 58'

# C & S EXCAVATING COMPANY

Phone 489-9482

BOX 49  
DUNMORE, PA. 18512

Bore Hole No. 50-C Drilled 4-4 19 77

## DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

At 272 SOUTH ST  
GARTFIELD ST IN RIVER ALLEY <sup>NW</sup> RIVER + JOHNSON Location Pittston

Description: 10" Injection hole to THE  
CHECKER VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
<u>WASH</u>			<u>13</u>		<u>13</u>		
<u>ROCK</u>			<u>4</u>		<u>17</u>		
<u>12" PIPE</u>	<u>17</u>						
<u>ROCK</u>			<u>33</u>		<u>50</u>		
<u>OPEN</u>			<u>1</u>		<u>51</u>		
<u>10" CASING PIPE</u>	<u>27</u>						

Remarks: \_\_\_\_\_

EB-4  
Machine No.

Driller S. Magli

Bit No.

W. Dunters

14-11  
Type and Size Bit

Department Representative

12" DRILLING - 17'  
12" CASING - 17'  
10" DRILLING - 33'  
10" CASING - 27'

# C & S EXCAVATING COMPANY

140  
Phone 489-9482

BOX 49  
DUNMORE, PA. 18512

Bore Hole No. 51-P  
176-P Drilled 12-16 19 76

## DRILLER'S DAILY REPORT

Drilled by C&S EXCAVATING Co  
At 20' S. OF WEST ST. ON ELIZABETH St Location Pittston  
Description: 8" INJECTION HOLE TO THE  
PITTSBURGH VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			6		6		
ROCK			4		10		
10" CASING PIPE	10						
ROCK			59		69		
COAL			1		70		
ROCK			101		171		
OPEN			1		172		
COAL (CRUSKED)			10		182		
ROCK			2		184		
8" CASING PIPE	160						

Remarks: 8" CASING PIPE 160

IR-4  
Machine No.  
  
12 1/2 - 9 3/8 - 9 3/8  
Type and Size Bit

Driller S. Maglio  
J. KISH  
Department Representative  
10" D - 10'  
10" C - 10'  
8" D - 174'  
8" C - 160'

# C & S EXCAVATING COMPANY

Phone 489-9482

BOX 49  
DUNMORE, PA. 18512

Bore Hole No. 52-P Drilled 1-20 19 77

## DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

At RIVER ST Location Pittston

Description: 8" Injection hole to THE  
PITTSBURGH VEIN - 10' south of Frothingham on River st

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
<u>WASH</u>			<u>14</u>		<u>14</u>		
<u>Rock</u>			<u>4</u>		<u>18</u>		
<u>10" casing pipe</u>	<u>18</u>						
<u>Rock</u>			<u>10</u>		<u>78</u>		
<u>COAL</u>			<u>2</u>		<u>80</u>		
<u>Rock</u>			<u>95</u>		<u>175</u>		
<u>COAL</u>			<u>12</u>		<u>187</u>		
<u>Rock</u>			<u>2</u>		<u>189</u>		

Remarks: NO 8" CASING INSTALLED

TR-4  
Machine No.

Driller S. Maglo

Bit No.  
12 1/4 - 7 7/8 - 7 7/8

Department Representative

Type and Size Bit

10" DRILLING - 18'  
10" CASING - 18'  
8" DRILLING - 17'  
8" CASING NOVIE

# C & S EXCAVATING COMPANY

Phone 489-9482

BOX 49  
DUNMORE, PA. 18512

Log # 7

Bore Hole No. 53-C Drilled 12/29 19 15

## DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

At 115' S. OF PINE IN ALLEY B/W ELIZABETH & JOHNSON ST Location Pittston

Description: 6" MONITORING BH

STRATA	Pipe Driven		Drilled		TOTALS		Dip of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
GRAVEL			1		1		
ROCK			4		4		
6" casing pipe	13				13		
ROCK			11		11		
OPEN			1		1		
CLAYED MATERIAL			2		2		
ROCK			2		2		
6" casing pipe	24				24		

Remarks: \_\_\_\_\_

TH 4  
Machine No.

Driller S. Doyle

Bit No.

Master Williams

Department Representative

1 1/2" 7/8"  
Type and Size Bit

# C & S EXCAVATING COMPANY

110  
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BOX 49  
DUNMORE, PA. 18512

Bore Hole No. 54-P Drilled 9-18<sup>17</sup> 19 76

## DRILLER'S DAILY REPORT

Drilled by COS EXCAVATING CO  
 At 170' S. OF FROTHINGHAM ON JOHNSON ST Location Pittston  
 Description: 8" INJECTION HOLE TO THE  
PITTSSTON VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			8		8		
Rock			4		12		
10" CASING PIPE	12						
Rock			41		53		
COAL			3		56		
Rock			108		164		
CRUSHED COAL			7		171		
Rock			2		173		

Remarks: HIT PILLAR - CRUSHED COAL - DID NOT CASE

J 17-4  
Machine No.

Driller S. Magley

Bit No.  
120-93-7 1/2

J. KISH

Type and Size Bit

Department Representative

10" D-12'  
10" C-12'  
8" D-161'  
NO 8" CASING INSTALLED

# C & S EXCAVATING COMPANY

Phone 489-9482

BOX 49  
DUNMORE, PA. 18512

Bore Hole No. 55-P Drilled 3/4 19 77

## DRILLER'S DAILY REPORT

Drilled by C&S Excavating Co

At <sup>50' NORTH of</sup> ~~FROTHINGHAM~~ ON ELIZABETH ST Location Pittston

Description: 8" Injection hole to T&E  
Pittston Vein

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			16		16		
Rock			4		20		
10" casing pipe	20						
Rock			149		169		
coal			9		178		
Rock			2		180		

Remarks: \_\_\_\_\_

TR-4  
Machine No.

Driller S. Magli

Bit No.

B. Director  
Department Representative

1 1/4 - 9 7/8 - 7 7/8  
Type and Size Bit

10" DRILL - 20'  
10" CASING - 20'  
8" DRILL - 160  
8" CASING - NONE

# C & S EXCAVATING COMPANY

Phone 489-9482

BOX 49  
DUNMORE, PA. 18512

Log # 60

Bore Hole No. 56-P Drilled 5/21 19 76

## DRILLER'S DAILY REPORT

Drilled by CAS EXCAVATING CO

110' S of Oak AT Jenkins St Location Pittston

Description: E Injection hole to the  
Pittston Vein

STRATA	Pipe Driven		Drilled		TOTALS		Dip of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
<u>wash</u>			<u>29</u>		<u>29</u>		
<u>Rock</u>			<u>4</u>		<u>33</u>		
<u>installing pipe</u>	<u>33</u>						
<u>Rock</u>			<u>15</u>		<u>48</u>		
<u>coal</u>			<u>7</u>		<u>55</u>		
<u>Rock</u>			<u>49</u>		<u>104</u>		
<u>coal</u>			<u>2</u>		<u>106</u>		
<u>Rock</u>			<u>38</u>		<u>144</u>		
<u>coal</u>			<u>8</u>		<u>152</u>		
<u>Rock</u>			<u>3</u>		<u>155</u>		

Remarks: SOLID

TR-4 Machine No. Driller S. Tingle

Bit No. 124-9 3/8 - 7 3/8 Department Representative

Type and Size Bit





# C & S EXCAVATING COMPANY

Phone 489-9482

BOX 49  
DUNMORE, PA. 18512

Log # 48

Bore Hole No. 57-P Drilled 4/15 19 76

## DRILLER'S DAILY REPORT

Surf. Elev. + 588.00

Drilled by C & S EXCAVATING CO

At 142' W. MAIN ON OAK ST Location Pittston

Description: 8" INJECTION HOLE TO THE PITTSBURGH VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Dip of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			39		39		
ROCK			4		43		
10" CASING PIPE	43						
ROCK			21		64		
OPEN			3		67		
BROKEN MATERIAL			6		73		
ROCK			2		75		
8" CASING PIPE	58						

Remarks: \_\_\_\_\_

TR-4  
Machine No.

Driller S. Maglio

Bit No. \_\_\_\_\_

Department Representative \_\_\_\_\_

12 1/4 - 9 3/8 - 7 3/8  
Type and Size Bit



# C & S EXCAVATING COMPANY

Phone 489-9482

BOX 49  
DUNMORE, PA. 18512

*Log# 54*

Bore Hole No. 58-P Drilled 5/6 19 76

## DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

*45'* At Front of St. Rocco Church on Tompkins Location Pittston

Description: 8" Injection hole to the  
PITTSBURGH VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Dip of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			33		33		
ROCK			2		35		
COAL			5		40		
10" CASING PIPE	40						
ROCK			48		88		
COAL			1		89		
ROCK			38		127		
OPEN			1		128		
BROKEN COAL (SMALL OPENINGS)			12		140		
ROCK			2		142		
8" CASING PIPE	99						

Remarks: \_\_\_\_\_

Driller S. Magli

Machine No. \_\_\_\_\_

Bit No. \_\_\_\_\_

Department Representative \_\_\_\_\_

124 - 9 1/8 - 7 1/8  
Type and Size Bit

# C & S EXCAVATING COMPANY

Phone 489-9482

BOX 49  
DUNMORE, PA. 18512

Log # 52

Bore Hole No. 59-P Drilled 4/28 19 76

## DRILLER'S DAILY REPORT

Drilled by COS EXCAVATING CO

At 30' S. OF DAKON HIGH ST Location Pittston

Description: 8" INJECTION HOLE TO THE  
PITTSSTON VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Dip of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
<u>WASH</u>			<u>45</u>		<u>45</u>		
<u>ROCK</u>			<u>5</u>		<u>50</u>		
<u>ROCK</u>			<u>4</u>		<u>54</u>		
<u>12" CASING PIPE</u>	<u>54</u>						
<u>ROCK</u>			<u>85</u>		<u>139</u>		
<u>OPEN</u>			<u>3</u>		<u>142</u>		
<u>BROKEN MATERIAL</u>			<u>4</u>		<u>146</u>		
<u>OPEN</u>			<u>1</u>		<u>147</u>		
<u>BROKEN MATERIAL</u>			<u>3</u>		<u>150</u>		
<u>ROCK</u>			<u>2</u>		<u>152</u>		
<u>8" CASING PIPE</u>	<u>123</u>						

Remarks: 8" CASING PIPE 123

TK-4  
Machine No.

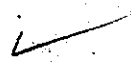
Driller S. Maglio

Bit No.

J. JAMIESON

1 1/4 - 9 3/8 - 9 3/8  
Type and Size Bit

Department Representative



# C & S EXCAVATING COMPANY

170

Phone 489-9482

BOX 49  
DUNMORE, PA. 18512

Bore Hole No. 60-C Drilled 4-5 19 77

## DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO  
 262' south off  
 At GARFIELD ST IN RIVER ALLEY Blw RIVER + JOHNSON ST Location Pittston

Description: 10" INJECTION HOLE TO THE  
CHECKER VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			13		13		
ROCK			4		17		
12" CASING PIPE	17						
ROCK			33		50		
OPEN			1		51		
BKW MATERIAL							
SMALL OPENINGS			8		59		
10" CASING PIPE	39						

Remarks: \_\_\_\_\_

TD-4 Machine No. Driller S. Magli

Bit No. \_\_\_\_\_

14-11 Type and Size Bit Department Representative

12' DRILLING 17'  
 12' CASING 17'  
 10' DRILLING 33'  
 10' CASING 39'