

C & S EXCAVATING COMPANY

189
Phone 489-9482

BOX 49
DUNMORE, PA. 18512

Bore Hole No. 181-C Drilled 5/20 19 77

DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

At 50' SOUTH OFF GARFIELD ST IN RIVER ALLEY RW RIVER JOHNSON ST Location Pittston

Description: 12" INJECTION HOLE TO THE CHECKER VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			17		17		
ROCK			4		21		
12" CASING PIPE	21						
ROCK			24		45		
BKN. MATERIAL			14		59		

Remarks: _____

IB-4
Machine No.

Driller S. Magli

Bit No.

Peter Wilgus

14-11
Type and Size Bit

Department Representative 12 DRILLING - 21'
12 CASING - 21'
10' DRILLING - 38'
10' CASING - NONE.

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Bore Hole No. 152-C Drilled 5/23 19 77

DRILLER'S DAILY REPORT

Drilled by C&S EXCAVATING CO

At ^{60 SOUTH OFF} GARFIELD ST 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.	
<u>WASH</u>			<u>16</u>		<u>16</u>		
<u>ROCK</u>			<u>4</u>		<u>20</u>		
<u>12" CASING PIPE</u>	<u>20</u>						
<u>ROCK</u>			<u>25</u>		<u>45</u>		
<u>OPEN</u>			<u>1</u>		<u>46</u>		
<u>RAW MATERIAL</u>			<u>12</u>		<u>58</u>		
<u>10" CASING PIPE</u>	<u>27</u>						

Remarks: _____

IB-4
Machine No.

Driller S. Maglio

Bit No.

Peter Wilgus

14-11
Type and Size Bit

Department Representative

12' DRILLING - 20'
12' CASING - 20'
10' DRILLING - 25'
10' CASING - 27'

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Bore Hole No. 183 PM Drilled 5/28 19 77

DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

320 NORTH OFF
At GARFIELD ST IN ALLEY B/W TOMPKINS + ELIZABETH Location Pittston

Description: 10" Injection hole to the
MARY VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
<u>marsh</u>			<u>1</u>		<u>1</u>		
<u>Rock</u>			<u>10</u>		<u>11</u>		
<u>10 casing pipe</u>	<u>11</u>						
<u>Rock</u>			<u>48</u>		<u>59</u>		
<u>coal</u>			<u>2</u>		<u>61</u>		
<u>Rock</u>			<u>106</u>		<u>167</u>		
<u>coal</u>			<u>9</u>		<u>176</u>		
<u>Rock</u>			<u>34</u>		<u>210</u>		
<u>coal</u>			<u>3</u>		<u>213</u>		

Remarks: 37 250

TR-4
Machine No.

Driller S. Magli

Bit No.

Peter Wilgus
Department Representative

124 - 9 3/8
Type and Size Bit

10 DRILLING - 11
10 CASING - 11
8 DRILLING - 139
8 CASING - NONE

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Bore Hole No. 184 M Drilled 5/31 19 77

DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO
 At ^{INTERSECTION} of LAGRANGE & FROUGHINGHAM St Location Pittston

Description: 8 INJECTION HOLE TO THE
MARCY VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			17		17		
ROCK			4		21		
10 CASING PIPE	21						
ROCK			1		22		
COAL			1		23		
ROCK			45		68		
COAL			15		83		Pittston
ROCK			31		114		
COAL			1		115		Marcy
FLUSH MATERIAL			4		119		

Remarks: PROVED MARCY VEIN WAS FILLED TO REFUSAL

TA-4
Machine No.

Driller S. Magbe

Bit No.
124-97

Peter Volynsky
Department Representative

Type and Size Bit

16 DRILLING 21
 10 CASING 21
 8 DRILLING 98'
 8 CASING - NONE

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Bore Hole No. 185 M Drilled 5-31 19 77

DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

At 185 WEST JACKSON FRAUGHINGHAM ST Location Pittston

Description: 8" Injection hole to THE MARCY VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
wash			20		20		
Rock			1		21		
coal			1		22		
Rock			4		26		
14" casing pipe	26						
Rock			42		68		
coal			15		83		Pittston
Rock			32		115		
Flush material			5		120		Marcy

Remarks: _____

TR-4
Machine No.

Driller S. Magli

Bit No.
12 1/4 - 9 7/8
Type and Size Bit

Department Representative
 10" DRILLING - 26'
 10" CASING - 26'
 8" DRILLING - 94'
 8" CASING NONE

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Bore Hole No. 186-M 138-11 Drilled 1-1 19 27

DRILLER'S DAILY REPORT

Drilled by W. P. ...

At 30 SOUTH of FRAZINGHAM on ... Location 1177

Description: 8" Drilling hole to the ...
... EL +598

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
<u>...</u>			<u>11</u>		<u>11</u>		
<u>...</u>			<u>4</u>		<u>26</u>		
<u>...</u>			<u>55</u>		<u>55</u>		
<u>...</u>			<u>2</u>		<u>23</u>		
<u>...</u>			<u>10</u>		<u>10</u>		
<u>...</u>			<u>8</u>		<u>15</u>		<u>Pittston +530</u>
<u>...</u>			<u>14</u>		<u>112</u>		<u>+491</u>
<u>...</u>			<u>5</u>		<u>107</u>		<u>Marcy</u>

Remarks: ... - Water - 47' +551

Machine No. _____ Driller ...

Bit No. _____ Department Representative ...

Type and Size Bit _____
 10" DRILLING 20'
 16" CASING 20'
 8" DRILLING 82'
 8" CASING 94'

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Bore Hole No. 187 M Drilled 6/3/77 19 77

DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO
ON RAILROAD BED 60' NORTH
 At JENKINS ALLEY SPRING ct Location Pittston

Description: 8" Injection hole to THE
MARCY VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
<u>wash</u>			<u>17</u>		<u>17</u>	<u>0</u>	
<u>Rock</u>			<u>41</u>		<u>21</u>		
<u>10" casing pipe</u>	<u>21</u>						
<u>Rock</u>			<u>30</u>		<u>51</u>		
<u>coal</u>			<u>1</u>		<u>52</u>		
<u>Rock</u>			<u>43</u>		<u>95</u>		
<u>Flush material</u>			<u>7</u>		<u>102</u>		<u>Pittston</u>
<u>Rock</u>			<u>37</u>		<u>139</u>		
<u>coal</u>			<u>5</u>		<u>144</u>		<u>Marcy</u>

Remarks: _____

TR-4
Machine No.

Driller S. Maglio

Bit No.
10 1/4 - 9 3/8

Peter Wilgus
Department Representative

Type and Size Bit

10" DRILLING - 21'
 10" CASING - 21'
 8" DRILLING - 123'
 8" CASING - NONE

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Bore Hole No. 18817 Drilled 2/7 19 77

DRILLER'S DAILY REPORT

Drilled by C.S. Excavating Co.

At SW RAILROAD BED SPRING CT Location Pittston

Description: 8" Injection hole to the
MARCY VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
wash			17		17		
Rock			4		21		
10" casing pipe	21						
Rock			30		51		
coal			1		52		
Rock			36		88		
coal			13		101		Pittston
Rock			38		139		
coal			5		144		Marcy

Remarks: _____

IR-4
Machine No.

Bit No.

124-9 3/8
Type and Size Bit

Driller S. Maglio

Peter Wiggins

Department Representative

10 DRILLING - 21
10 CASING - 21
8 DRILLING - 123
8 CASING - NONE

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197

Bore Hole No. 189 M Drilled 6-8 19

DRILLER'S DAILY REPORT

Drilled by CAS EXCAVATING CO
CORNER OF OAK & MAIN
 At ON BRIDGE ABUTMENT S. MAIN ST Location 1. ton

Description: 8" INJECTION HOLE TO THE
MARCY VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			10		10		
ROCK			41		14		
10" CASING PIPE	14						
ROCK			13		27		
COAL			1		28		
ROCK			37		65		
COAL			11		76		
ROCK			48 4		120		
COAL			5		125		

Remarks: _____

IR-4
Machine No.

Driller S. Magle

Bit No.

Peter Wilgus

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

Department Representative

10" DRILLING - 14
 10" CASING - 14
 8" DRILLING - 11
 8" CASING - NONE

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Bore Hole No. 190.C Drilled 6-10 19 77

DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

At 375' NORTH ST CLEVELAND ST IN ALLEY B/W ELIZABETH J JOHNSON Location Pittston

Description: 8" INFLECTION 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>10" pipe</u>	<u>11</u>						
<u>Rock</u>			<u>36</u>		<u>47</u>		
<u>Coal</u>			<u>6</u>		<u>53</u>		

Remarks: _____

IR-4
Machine No.

Driller S. Magli

Bit No. _____

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

Department Representative
10 DRILLING - 11
10 CASING - 11
8 DRILLING - 42
8 CASING - NONE ✓

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200

Bore Hole No. 191-C Drilled 6/13/ 19 77

DRILLER'S DAILY REPORT

Drilled by C&S Excavating Co.

At 90' SOUTH OF GARFIELD IN ALLEY B/W ELIZABETH + JOHNSON ST'S Location Pittston

Description: 8" Injection hole to the checker vein

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
<u>wash</u>			<u>9</u>		<u>9</u>		
<u>Rock</u>			<u>4</u>		<u>13</u>		
<u>10" casing pipe</u>	<u>13</u>						
<u>Rock</u>			<u>37</u>		<u>50</u>		
<u>apron</u>			<u>4</u>		<u>54</u>		
<u>8" casing pipe</u>	<u>48</u>						

Remarks: _____

TA-4
Machine No.

Bit No.

Type and Size Bit

Driller S. Magbe

Peter F. Magbe
Department Representative

10" DRILLING - 13'
10" CASING - 13'
8" DRILLING - 37'
8" CASING - 48'

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Bore Hole No. 192-C Drilled 6/15 19 77

DRILLER'S DAILY REPORT

Drilled by C&S Excavating Co
 130' NORTH of
 At DAK ST ON S MAIN ST Location Pittston

Description: 8" Impregnation hole to the
MURPHY VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
<u>12 1/2</u>			<u>12</u>		<u>12</u>		
<u>Rock</u>			<u>4</u>		<u>16</u>		
<u>10" casing pipe</u>	<u>16</u>						
<u>Rock</u>			<u>11</u>		<u>27</u>		
<u>Coal</u>			<u>1</u>		<u>28</u>		
<u>Rock</u>			<u>40</u>		<u>68</u>		
<u>Coal</u>			<u>10</u>		<u>78</u>		
<u>Rock</u>			<u>39</u>		<u>117</u>		
<u>Coal</u>			<u>5</u>		<u>122</u>		

Remarks: _____

4 Machine No. Driller S. Maylas

Bit No. _____ Department Representative Peter Wilgus

Type and Size Bit _____

10' DRILLING - 16
 10' CASING - 16
 8' DRILLING - 106
 8' CASING - NONE ✓

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202

Bore Hole No. 193 M Drilled 6-17 19 77

DRILLER'S DAILY REPORT

Drilled by CVS EXCAVATING CO

At 145 NORTH OFF OAK ON S. MAIN ST Location Pittston

Description: 8" Injection hole to THE MARY VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			3		3		
ROCK			41		47		
10 CASING PIPE	4						
ROCK			19		26		
COAL			1		27		
ROCK			36		13		
COAL			14		77		
ROCK			42		119		
OPEN			4		123		+ 466

Remarks: 8" CASING PIPE 100

Machine No. _____

Driller S. Magley

Bit No. _____

Peter Wilgus
Department Representative

Type and Size Bit _____

10 DRILLING - 7'
10 CASING - 7'
8' DRILLING - 112'
8' CASING - 100'



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203

Bore Hole No. 194 M Drilled 6-20 19 77

DRILLER'S DAILY REPORT

Drilled by C & S Excavating Co
 At 8' WEST off LAGRANGE ON COLUMBUS AVE Location Pittston

Description: 8" Injection hole to THE MARCY VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			18		18		
Rock			4		22		
10 CASING PIPE	32						
Rock			14		36		
Coal			1		37		
Rock			40		77		
BKN MATERIAL			13		90		

Remarks: STOPPED DRILLING BECAUSE OF BKN MATERIAL IN PITTSBURGH VEIN

Machine No. TD-41

Driller S. Magle

Bit No. 78

Peter Wilgus

Department Representative
 10 DRILLING - 22
 10 CASING - 22
 8 DRILLING - 68
 8 CASING - NONE

Type and Size Bit



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204

Bore Hole No. 135 M Drilled 6/23 19 77

DRILLER'S DAILY REPORT

Drilled by C & S Excavating Co

At 15' SOUTH OFF OAK ON Thompson St Location Pittston

Description: 8" Injection hole to the
MARCY VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
mask			28		28		
Rock			4		32		
10" casing pipe	32						
Rock			12		44		
coal			6		50		
Rock			51		101		
coal			1		102		
Rock			41		143		
coal			8		151		
Rock			41		192		

Remarks: 8" casing pipe 187

Machine No. _____ Driller S. Fragli

Bit No. _____ W. Muetter

Type and Size Bit _____ Department Representative 10" DRILLING - 32
10" CASING - 32
8" DRILLING - 160
8" CASING - 187

C & S EXCAVATING COMPANY

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DO NOT PAY
SOME @ 95P

205

Bore Hole No. 196M Drilled 6/13/77 19 12

DRILLER'S DAILY REPORT

Drilled by C. S. EXCAVATING CO.

At 68 EAST off JOHNSON ON Location DITTEL

Description: 1" Impeller hole to the
main vein

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
<u>rock</u>			<u>4</u>		<u>4</u>		
<u>rock</u>			<u>4</u>		<u>4</u>		
<u>expanding pipe</u>	<u>8</u>						
<u>rock</u>			<u>55</u>		<u>13</u>		
<u>rock</u>			<u>8</u>		<u>71</u>		
<u>rock</u>			<u>37</u>		<u>108</u>		
<u>rock</u>			<u>6</u>		<u>114</u>		
<u>rock</u>			<u>2</u>		<u>116</u>		
<u>rock (Broken)</u>			<u>4</u>		<u>120</u>		

Remarks: Stopped drilling at DITTEL vein
because of broken pipe

Machine No. _____ Driller C. S. EXCAVATING CO.

Bit No. _____

Type and Size Bit _____

Department Representative 10' DRILLING - 8'
10' CASING - 8'
8' DRILLING - 152
8' CASING - NONE

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Bore Hole No. 179 197 M Drilled 716 19 77

DRILLER'S DAILY REPORT

Drilled by C/S Excavating Co

At Johnson St Location Pittston

Description: 8" Injection hole to THE MARCY VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
wash			7		7		
Rock			4		11		
sealing pipe	11						
Rock			52		63		
coal			7		70		
Rock			48		118		
coal			2		120		
Rock			38		158		
coal			7		165		
Rock			32		197		
OPEN			4		201		
sealing pipe	178						

Remarks: _____

Machine No. IR 11

Driller S Mag Lu

Bit No. 174-9 1/2

Department Representative Jos. Jamerson

Type and Size Bit

10" DRILLING - 11
10" CASING - 11
8" DRILLING - 178
8" CASING - 178



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Bore Hole No. 198-M Drilled 9/8 19 77

DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

At 203 WEST OH
EXCHANGE ON COLUMBUS AVE Location Pittston

Description: 8" INJECTION HOLE TO THE
MARCY 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			15		85		
COAL			11		96		
ROCK			36		132		
COAL			5		137		

Remarks: _____

IP-41
Machine No.

Driller S. Maglio

Bit No.
1 1/4 - 9 3/8

Jos. Jamison
Department Representative

Type and Size Bit

10' DRILLING - 20'
10' CASING - 20'
8' DRILLING 117'
8' CASING - NONE