

Log # 64

C & S EXCAVATING COMPANY Phone 489-9482

BOX 49
DUNMORE, PA. 18512

~~Log # 123~~
Revised Log 6-7-76

Bore Hole No. M-1 Drilled 6/2 19 76

DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

At 10' W. OF VINE ON PINE St Location Pittston

Description: 8" INJECTION HOLE TO THE
MARCY VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Dip of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			88		88		
ROCK			4		92		
10" CASING PIPE	92						
ROCK			25		117		
OPEN ✓			4		121		
SOFT MATERIAL			1		122		
ROCK			2		124		
8" CASING PIPE	110						

Remarks: _____

TR-4
Machine No.

Driller S. Maglio

Bit No.

J. JAMIESON

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

Department Representative

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Log# 39

EB

Bore Hole No. 2-M Drilled 3/29 19 76

DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO.

185' - W-VINE IN CHERRY ALLEY Location Pittston

Description: 8" Tap & Turn hole to the
Marcy vein

STRATA	Pipe Driven		Drilled		TOTALS		Dip of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
<u>WASH</u>			<u>52</u>		<u>52</u>		
<u>CLAY</u>			<u>4</u>		<u>56</u>		
<u>ROCK</u>			<u>4</u>		<u>60</u>		
<u>10 casing pipe</u>	<u>60</u>						
<u>ROCK</u>			<u>36</u>		<u>96</u>		
<u>OPEN</u>			<u>5</u>		<u>101</u>		
<u>8 casing pipe</u>	<u>96</u>						
<u>Soft Material</u>			<u>1</u>		<u>102</u>		<u>Marcy</u>
<u>ROCK</u>			<u>2</u>		<u>104</u>		

Remarks: _____

TR-4
Machine No.

Driller S. Tragle

Bit No.

J. JAMIESON
Department Representative

124-7 3/8
Type and Size Bit

3" PLUG

Logg 65

C & S EXCAVATING COMPANY Phone 489-9482

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~~Logg 65~~
~~Logg 65~~
Road Log 67-76

Bore Hole No. 3-M Drilled 6/4 19 76

DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

At E. OAK ST Location Pittston

Description: 8" INJECTION HOLE TO THE
MARCY VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Dip of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
<u>WASH</u>			<u>4</u>		<u>4</u>		
<u>Soft coal</u>			<u>4</u>		<u>8</u>		
<u>Coal</u>			<u>10</u>		<u>18</u>		<u>Pittston</u>
<u>Rock</u>			<u>4</u>		<u>22</u>		
<u>10" CASING PIPE</u>	<u>22</u>						
<u>Rock</u>			<u>42</u>		<u>64</u>		
<u>OPEN</u>			<u>6</u>		<u>70</u>		<u>Marcy</u>
<u>Rock</u>			<u>2</u>		<u>72</u>		
<u>8" CASING PIPE</u>	<u>54</u>						

Remarks: _____

TR-4
Machine No.

Driller S. Maglio

Bit No.
1 1/4 - 9 3/8 - 7 7/8
Type and Size Bit

Department Representative _____



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Log # 68
Reid Log 6-10-76

Bore Hole No. 4-M Drilled 4/8⁹ - 19 76

DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

At 80' S. OAK ST. - ON LINE ST Location Pittston

Description: 8" INJECTION HOLE TO THE MARCY VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Dip of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
<u>Wash</u>			8		8		
<u>Soft coal</u>			3		11		
<u>Rock</u>			4		15		
<u>10" casing pipe</u>	15						
<u>Rock</u>			42		57		
<u>coal</u>			5		62		
<u>Rock</u>			2		64		
			<u>SOLID</u>				

Remarks: _____

TR-4
Machine No.

Driller S. Maglio

Bit No. _____

Department Representative _____

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



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Log # 41

Bore Hole No. M-5 Drilled 3/31 19 76

DRILLER'S DAILY REPORT

Drilled by COS EXCAVATING CO

At 270' W. Vine in Alley B/w Swallow & Frothingham Location Pittston

Description: 8" Injection hole to the
MARCY VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Dip of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			14		14		
ROCK			4		18		
10" CASING PIPE	18						
ROCK			2		20		
COAL			12		32		Pittston
ROCK			41		73		
COAL			5		78		Marcy
ROCK			2		80		

Remarks: Solid

Machine No. TR-4 Driller S. Maglio

Bit No. _____

Type and Size Bit 1 1/4 - 9 7/8 Department Representative _____

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Bore Hole No. 6-M Drilled 8/13 19 76

DRILLER'S DAILY REPORT

Drilled by C&S EXCAVATING CO

At 910 W. OF VINE ON SWALLOW 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			5		5		
SHALE			8		13		
ROCK			4		17		
10" CASING PIPE	17						
ROCK			38		55		
COAL			5		60		
ROCK			2		62		

Remarks: HOLE SOLID

TR-4
Machine No.

Driller S. Magli

Bit No.
4-9 7/8 - 7 7/8

J. KISH
Department Representative

Type and Size Bit

10" D - 17'
10" C - 17'
8" D - 45'
NO. 8" CASING

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Bore Hole No. 7-M Drilled 8/10 19 76

DRILLER'S DAILY REPORT

Drilled by C&S EXCAVATING CO

At 225' W. OF VINE ON SWALLOW 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			5		5		
SHALE			8		13		
ROCK			4		17		
10" CASING PIPE	17						
ROCK			37		54		
COAL			5		59		
ROCK			2		61		

Remarks: _____

TR-4
Machine No.

Driller S. Maglio

Bit No. 124-93-72

J. KISH
Department Representative

Type and Size Bit

10" D - 17'
10" C - 17'
8" D - 44'
NO 8" CASING INSTALLED

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Log # 45
Rec'd Log 4-8-76

Bore Hole No. 8-M M-F Drilled 4/17 - 19 76

DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

At 475' W. OF VINE IN ALLEY B/W NAFUS + SWALLOW ST. Location Pittston

Description: 8" INJECTION HOLE TO THE
MARCY VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Dip of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			30		30		
Rock			4		34		
10' CASING PIPE	34						
Rock			14		48		
8" CASING PIPE	48						
Rock			17		65		
COAL			5		70		Marcy
Rock			2		72		

Remarks: HOLE SOLID

TH-4
Machine No.

Driller S. Munglio

Bit No.

J. JAMIESON

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

Department Representative

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Bore Hole No. 9 m
2-M Drilled 8/16 19 76

DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

At 90' E. OF LAGRANCE SWALLOW 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.	
<u>WASH</u>			<u>14</u>		<u>14</u>		
<u>COAL</u>			<u>3</u>		<u>17</u>		
<u>Rock</u>			<u>4</u>		<u>21</u>		
<u>10" CASING PIPE</u>	<u>21</u>						
<u>Rock</u>			<u>34</u>		<u>55</u>		
<u>OPEN</u>			<u>5</u>		<u>60</u>		
<u>Rock</u>			<u>2</u>		<u>62</u>		
<u>8" CASING PIPE</u>	<u>49</u>						

Remarks: _____

TR-4
Machine No.

Driller S. Maglio

Bit No.
12 1/4 - 9 3/8 - 7 3/8
Type and Size Bit

J. KISH
Department Representative

10" D - 21'
10" C - 21'
8" D - 34'
8" C - 49'

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Log # 46

10-M

Recd log 4-12-76

Bore Hole No. M-70 Drilled 4/7 19 76

DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING Co

At 210' w. of line in valley B/w Rufus & Swallow St. Location Pittston

Description: 8" INJECTION HOLES TO THE MARCY VEIN

639

STRATA	Pipe Driven		Drilled		TOTALS		Dip of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
<u>WASH</u>			21		21		
<u>ROCK</u>			4		25		
<u>10" CASING PIPE</u>	25						
<u>ROCK</u>			28		53		
<u>OPEN</u> ✓			4		57		
<u>BROKEN MATERIAL</u>			2		59		580
<u>ROCK</u>			2		61		
<u>8" CASING PIPE</u>	47						

Remarks: _____

TR-4
Machine No.

Driller S. Magle

Bit No.

J. JAMESON

1 1/4 - 9 1/2
Type and Size Bit

Department Representative

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Log # 16

Bore Hole No. 10-CP Drilled 1/18 19 76

DRILLER'S DAILY REPORT

Drilled by C & S Excavating Co.

120' E of Penion Location Below

Description: Injection hole to test
water vein EQ# 578.76

STRATA	Pipe Driven		Drilled		TOTALS		Dip of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
<u>10' 1/2"</u>			<u>10</u>		<u>10</u>		
<u>Rock</u>			<u>4</u>		<u>14</u>		
<u>10' 1/2" PIPE</u>	<u>14</u>						
<u>10'</u>			<u>33</u>		<u>47</u>		
<u>SPIN</u>			<u>4</u>		<u>51</u>		<u>CHECKER</u>
<u>Rock</u>			<u>34</u>		<u>85</u>		

Remarks: ROCK INTO OLD casing pipe (T&M)
could not drill any further

Machine No. _____ Driller S. J. ...

Bit No. _____ Department Representative ...

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

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Log # 53

Surf Elev +608.00

Bore Hole No. 11-CP Drilled 4/28 19 76

mine water Pool Elev
+530.00

DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO.

At 133' S. OF R. ON E LIZA BETH ST Location Pittston

Description: 8" INJECTION HOLE TO THE CHECKER AND PITTSBURY VEINS

STRATA	Pipe Driven		Drilled		TOTALS		Dip of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			5		5		
ROCK			4		9		
10" CASING PIPE	9						
ROCK			3		12		
OPEN			7		19		
ROCK			95		114		
OPEN			2		116		
BROKEN ROCK (SMALL OPENINGS)			19		135		
ROCK			5		140		
8" CASING PIPE	106						

Remarks: _____

TR-4
Machine No.

Driller S. Magli

Bit No.

J. JAMIESON

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

Department Representative

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Log ⁸⁸ 87

Bore Hole No. 14-PM Drilled 7/27/ 19 76

DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO
 At 220' W. of Vine E. Columbus 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			45		45		
ROCK			4		49		
11" CASING PIPE	49						
ROCK			1		50		
COAL			12		62		+547 Pittston
ROCK			41		103		
COAL			5		108		Marcy
ROCK			2		110		

Remarks: _____

TR-4
Machine No.

Driller S. Maglio

Bit No.
12 1/4 - 9 7/8 - 9 7/8

J RISH

Type and Size Bit

Department Representative

10" D 49'
 10" C 49'
 8" D 61'
 No 8" CASING INSTALLED

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Bore Hole No. 12 PM Drilled 7/29 19 76

DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

At COLUMBUS ST Location Pittston

Description: 8" INJECTION HOLE TO THE
PITTSYON AND MARCY VEINS

608

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			40		40		
ROCK			4		44		
10" CASING PIPE	44						
ROCK			8		52		
COAL			6		58		
OPEN			4		62		Pittston 154L
ROCK			44		106		
BKN. MATERIAL			3		109		
OPEN			1		110		
BKN. MATERIAL			2		112		Marcy + 49L
ROCK			2		114		

Remarks:

8" CASING PIPE 100

TA-4
Machine No.

Driller S. Magli

Bit No.
12 1/4 - 9 7/8 - 7 7/8

Department Representative J. Krish

Type and Size Bit

44' - 10" drill
44' - 10" casing
70' - 8" drill
100' - 8" casing

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Log # 58

Read Log C-18-76

Bore Hole No. 12-C-P Drilled 5/15 19 76

DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

30' off Oak WALLEY BETWEEN Johnson & Elder Location Pittston

Description: 8" INJECTION HOLE TO THE CHECKER AND PITTSBURGH VEINS

STRATA	Pipe Driven		Drilled		TOTALS		Dip of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			4		4		
ROCK			4		8		
10" PIPE	8						
ROCK			33		41		
OPEN			7		48		
ROCK			90		138		
OPEN			5		143		
ROCK			1		144		
OPEN			1		145		
SOFT MATERIAL			5		150		
ROCK			2		152		

REMARKS: 8" CASING PIPE 128

TR-4
Machine No.

Driller S. Magli

Bit No.
124-9 7/8 - 9 7/8

J. Jamieson
Department Representative

Type and Size Bit

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Log #57

Bore Hole No. 13-C-P Drilled 5/13 19 76

DRILLER'S DAILY REPORT

Drilled by C&S EXCAVATING CO
 At 160 S. Columbus on Johnson 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			8	8			
ROCK			4	12			
10" CASING PIPE	12						
ROCK			49	61			
COAL			7	68			
ROCK			68	136			
SOLID CAVE			12	148			Pittston
ROCK			2	150			

Remarks: DID NOT LOOSE AIR IN CAVE

TK-4
Machine No.

Driller S. Maglio

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

Department Representative
SOLID

C & S EXCAVATING COMPANY

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DUNMORE, PA. 18512

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Bore Hole No. B-^PM Drilled 8-3 19 76

DRILLER'S DAILY REPORT

Drilled by C/S EXCAVATING CO
 At JENKINS CT. Location Pittston
 Description: 8" INJECTION HOLE TO THE
MARCY VEIN

626

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			18		18		
OPEN			2		20		
BKN. ROCK			14		34		
ROCK			4		38		
10" CASING PIPE	38						
ROCK			8		46		
BKN. COAL & ROCK			7		53 53		+573 Pittston
ROCK			39		97 92		
COAL			5		96 97		+529 Marcy
ROCK			2		98 99		

Remarks:

TR-4 Machine No. Driller S. Magli

Bit No. J. KISH

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

10" D - 38'
 10" C - 38'
 8" D - 61'
 NO 8" CASING IN STALLED ✓

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Bore Hole No. 14^P-M Drilled 8/14 19 26

DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

At 140' E. OF LAGRANGE JENKINS 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			23		23		
Rock			4		27		
10" casing pipe	27						
Rock			33		60		
Crushed Coal			8		18		Pittston 539
Rock			39		107		
Coal			5		112		Marcy 515
Rock			2		114		

Remarks: _____

TR-4
Machine No.

Driller S. Magli

Bit No. _____

J. KISH

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

Department Representative
 10" D 27'
 10" C 27'
 8" D 87'
 NO 8" CASING

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Log 85

Bore Hole No. ~~15~~ 15 CP Drilled 7/19 19 76

DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

At 100' E. OF ELIZABETH FRANKLIN 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			25		25		
ROCK			4		29		
10" CASING PIPE	29						
ROCK			26		55		
OPEN			7		62		
ROCK			59		121		
OPEN			2		123		
BKN MATERIAL			18		141		474
ROCK			6		147		

Remarks: 8" CASING PIPE 113

TA-4
Machine No.

Driller S. Triglia

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

J. Kish

Type and Size Bit

Department Representative

10" D 29'
10" C 29'
8" D 118'
8" C 113'

105

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Bore Hole No. 15-M Drilled 8-30 19 76

DRILLER'S DAILY REPORT

Drilled by COS EXCAVATING CO

At 165' N. OF FROTHINGHAM AVE ST Location Pittston

Description: 8" INJECTION HOLE TO THE
PITTSBURY VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			13		13		
ROCK			4		17		
10" CASING PIPE	17						
ROCK			39		56		
COAL			5		61		
ROCK			2		63		

Remarks: MEASURED WITH TAPE - 63'

TR-4
Machine No.

Driller S. Magli

Bit No.
1/4 - 9 7/8 - 9 1/8

J. KISH

Type and Size Bit

Department Representative
10" D - 17'
10" C - 17'
8" D - 46'
NO 8" CASING INSTALLED

C & S EXCAVATING COMPANY

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Log 86

Bore Hole No. 16CP ~~454~~ Drilled 7/22 19 76

DRILLER'S DAILY REPORT

Drilled by C&S EXCAVATING CO
 10' East of Frothingham St.
 At Elizabeth on Frothingham 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			20		20		
Rock			4		24		
10" casing pipe	24						
Rock			53		77		
OPEN			4		81		checker
Rock			82		163		
OPEN			1		164		
BKN. MATERIAL (small openings)			16		180		Pittston
Rock			2		182		
8" casing pipe	153						

Remarks: _____

TR-4 Machine No. Driller S. Magli

Bit No. J. KISH Department Representative

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

10" D 24'
 10" C 24'
 8" D 158'
 8" C 153'

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Bore Hole No. 16-M Drilled 8-31 19 76

DRILLER'S DAILY REPORT

Drilled by C&S EXCAVATING CO

At 40' N. OF MARTINS AVE WINE 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.	
<u>WASH</u>			<u>8</u>		<u>8</u>		
<u>Soft coal</u>			<u>3</u>		<u>11</u>		
<u>Rock</u>			<u>4</u>		<u>15</u>		
<u>10" casing pipe</u>	<u>15</u>						
<u>Rock</u>			<u>43</u>		<u>58</u>		
<u>Coal</u>			<u>5</u>		<u>63</u>		
<u>Rock</u>			<u>2</u>		<u>65</u>		

Remarks: MEASURED WITH TAPE 65'

TR-4
Machine No.

Driller S. Magli

Bit No.

J. KISH

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

Department Representative

10" D - 15'
10" C - 15'
8" D - 50'
8" CASING NOT INSTALLED

C & S EXCAVATING COMPANY

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Log # 61
Recd Log 5-24-76

Bore Hole No. 17-C Drilled 5/31 19 76

DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

At 15' W-TOMPSON FATHINGHAM St Location Pittston

Description: 8" INFUSION HOLE to THE CHECKER VEIN

STRATA	Pipe Driven		Drilled		TOTALS		Dip of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			28		28		
ROCK			4		32		
10' CASING PIPE	32						
ROCK			4		36		
OPEN ✓			6		42		
SOFT MATERIAL			1		43		
ROCK			2		45		
8' CASING PIPE	36						

Remarks: _____

TR-4
Machine No.

Driller S. Maglo

Bit No. _____

Department Representative _____

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

C & S EXCAVATING COMPANY

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117
Phone 489-9482

Bore Hole No. 18-CP Drilled 10-12 19 76

DRILLER'S DAILY REPORT

Drilled by C&S EXCAVATING CO

At 10' W. OF TOMPKINS ON WEST ST Location Pittston

Description: 8" INJECTION HOLE TO THE
CHICKER & PITTSBURGH VEINS

STRATA	Pipe Driven		Drilled		TOTALS		Depth of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			21		21		
ROCK			4		25		
10" CASING PIPE	25						
ROCK			11		36		
SOIL			3		39		Possibly open checked
ROCK			51		90		
ROCK (CRACKED)			50		140		
BKN MATERIAL			8		148		
ROCK			2		150		

8" CASING PIPE 89 MEASURED BY TAPE 148
Remarks: LOST AIR AND CUTTINGS AT 90'

TJ-4 Driller S. Magli
Machine No.

Bit No. J KISH

Type and Size Bit 124-9 7/8-9 7/8 Department Representative

25' of 10" DRILLING
25' of 10" CASING
125' of 8" DRILLING
89' of 8" CASING

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Log # 3

Bore Hole No. 19P. Drilled 12-11- 19 75

DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO.

At PIN 6 ST. Location ASP 17

Description: 8" INJECTION HOLE ST. PITTSBORO VERN

STRATA	Pipe Driven		Drilled		TOTALS		Dip of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			6	0			
ROCK (10" STAND PIPE)	10	0	4	0	10	0	
ROCK			108	0	110	0	
BRK ROCK			4	0	114	0	PITTSBORO
OPEN			3	0	117	0	"
BOT. ROCK			2	0	119	0	"

Remarks: 10" DRILL - 10' 10" CASE 10'
8" " 109' 8" " 114'

IR-4
Machine No.

Driller SAL MAGLIO

Bit No.

Sal Maglio
Department Representative

12 1/4" + 9 7/8"
Type and Size Bit

C & S EXCAVATING COMPANY

Phone 489-9482

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DUNMORE, PA. 18512

FEDERAL
COPY

Log #4

Bore Hole No. 20-C-P Drilled 12/16 19 75

DRILLER'S DAILY REPORT

Drilled by C & S EXCAVATING CO

At ELIZABETH ST Location Pittston

Description: 8" INJECTION HOLE TO THE CHECKER AND PITTSBURGH VEINS

STRATA	Pipe Driven		Drilled		TOTALS		Dip of Vein
	Ft.	In.	Ft.	In.	Ft.	In.	
WASH			13		13		
ROCK			4		17		
10" CASING PIPE	17						
ROCK			6		23		
OPEN			5		28		Checker
BROKEN MAT.			3		31		
ROCK			115		146		
OPEN			3		149		
SOFT MAT.			3		152		Pittston
ROCKS			2		154		

Remarks: 8" CASING PIPE 146

TR 4
Machine No.

Driller S. Maglio

Bit No.

Marty Williams

1 1/4 - 9 3/8

Department Representative

Type and Size Bit