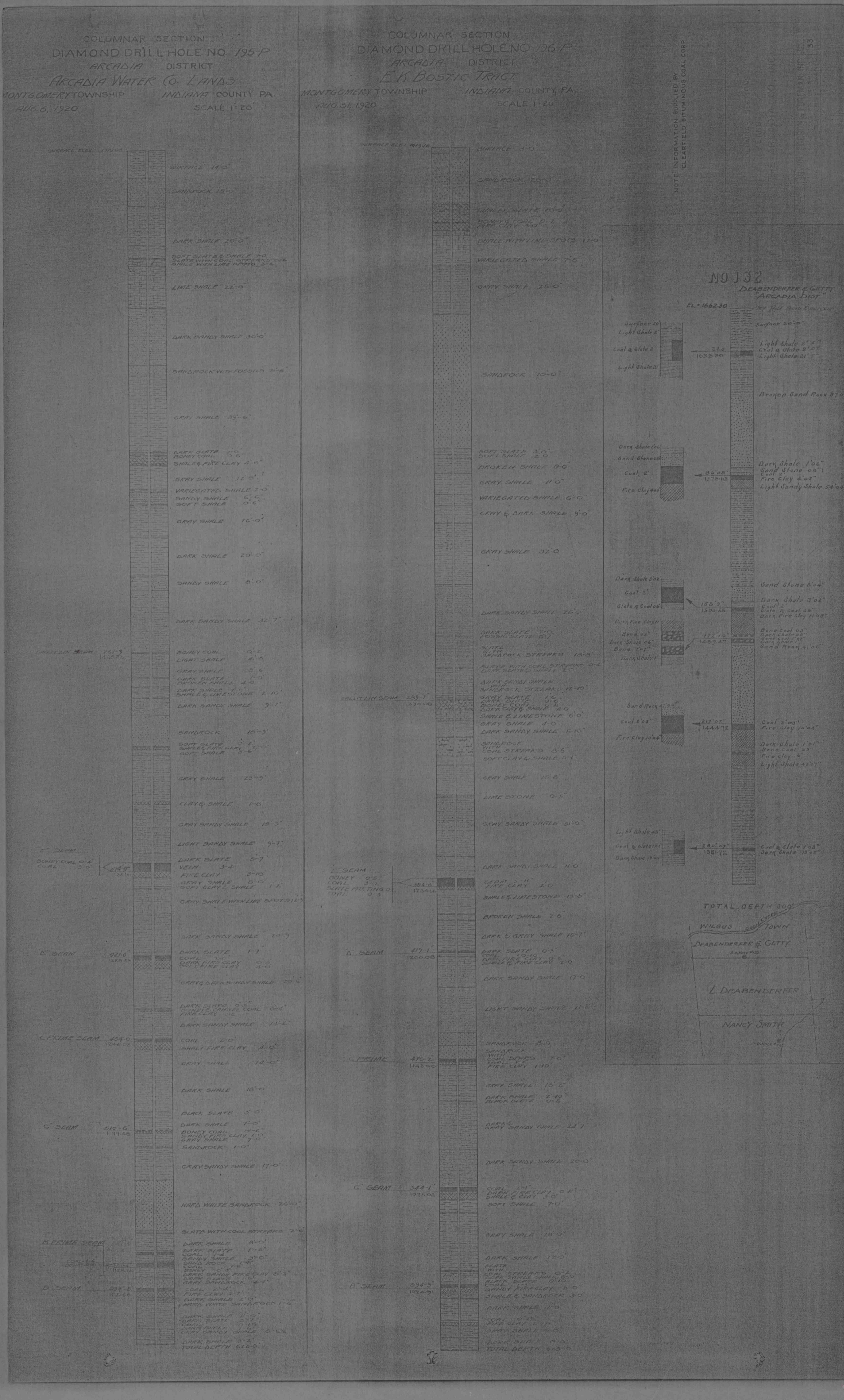
COLUMNAR SECTION
DIAMOND DRILL HOLE NO. 195-P
ARCADIA DISTRICT
ARCADIA WATER CO. LANDS
MONTGOMERY TOWNSHIP INDIANA COUNTY PA.
AUG. 6, 1920
SCALE 1"=20'
SURFACE ELEV. 1710.08
SURFACE 14'-0"
SANDROCK 15'-0"
DARK SHALE 20'-0"
SOFT SLATE & SHALE 1'-0
SLATE WITH COAL STREAKS 0'-6
SHALE WITH LIME SPOTS 3'-6
LIME SHALE 22'-0
DARK SANDY SHALE 30'-0"
SANDROCK WITH FOSSILS 5'-6
GRAY SHALE 39'-6"
DARK SLATE 2'-0
BONEY COAL 0'-6
SHALE & FIRE CLAY 4'-6"
GRAY SHALE 12'-0"
VARIEGATED SHALE 2'-0
SANDY SHALE 6'-6
SOFT SHALE 0'-6
GRAY SHALE 16'-0
DARK SHALE 20'-0
SANDY SHALE 8'-0
DARK SANDY SHALE 32'-7
GALLITZIN SEAM 261'-9 1448.33
BONEY COAL 0'-2
LIGHT SHALE 4'-9
GRAY SHALE 8'-6
DARK SLATE 1'-0
BROKEN SHALE 4'-0
DARK SHALE 2'-0
SHALE & LIMESTONE 7'-10"
DARK SANDY SHALE 9'-1"
SANDROCK 15'-9"
SOFT SLATE 0'-2"
SHALE & FIRE CLAY 2'-0
SOFT SHALE 3'-6
GRAY SHALE 23'-9
CLAY & SHALE 1'-8
GRAY SANDY SHALE 18'-3"
LIGHT SANDY SHALE 9'-7"
"E" SEAM
BONEY COAL 0-4
COAL 3-0
374'-11"
DARK SLATE 5'-7
VEIN 3-4
FIRE CLAY 2'-10
GRAY SHALE 5'-0
SOFT CLAY & SHALE 1'-2
GRAY SHALE WITH LIME SPOTS 12'-3
DARK SANDY SHALE 20'-9
"D" SEAM 421'-6" 1288.58
DARK SLATE 1'-7
COAL 2'-4
DARK FIRE CLAY 0'-3
SOFT FIRE CLAY 4'-0
GRAY & DARK SANDY SHALE 20'-6"
DARK SLATE 0'-5"
BONEY & CANNEL COAL 0'-4"
FIRE CLAY 0'-6
DARK SANDY SHALE 14'-6
C PRIME SEAM 464'-0 1246.08
COAL 2'-0
SHALY FIRE CLAY 4'-0
GRAY SHALE 14'-0"
DARK SHALE 18'-0
BLACK SLATE 3'-0
"C" SEAM 510'-6" 1199.58
DARK SHALE 7'-0
BONEY COAL 0'-6"
SANDY FIRE CLAY 1'-0
GRAY SHALE 7'-0
SANDROCK 1'-0
GRAY SANDY SHALE 17'-0
HARD WHITE SANDROCK 26'-0"
SLATE WITH COAL STREAKS 2'-0
B PRIME SEAM
DARK SHALE 8'-0
DARK SLATE 1'-6
COAL 1-4
SANDY SHALE 3'-0
SAND ROCK 1'-4
COAL 1'-6
BONEY 0'-5
DARK SANDY FIRE CLAY 5'-3
DARK SLATE 1'-6
GRAY SANDROCK 4'-1
B SEAM 594'-5 1115.66
COAL 2'-4
FIRE CLAY 2'-7
DARK SHALE 2'-0
HARD WHITE SANDROCK 1'-6
DARK SHALE 11'-0
DARK SLATE 0'-2
COAL 0'-1½
DARK SHALE 7'-6
GRAY SANDY SHALE 6'-0½
DARK SHALE 3'-2
TOTAL DEPTH 622'-0
COLUMNAR SECTION
DIAMOND DRILL HOLE NO. 196-P
ARCADIA DISTRICT
E.K. BOSTIC TRACT
MONTGOMERY TOWNSHIP INDIANA COUNTY, PA
AUG. 31, 1920
SCALE 1"=20'
SURFACE ELEV. 1619.46
SURFACE 3'-0
SANDROCK 26'-0"
SHALE & SLATE 10'-0
BONEY & COAL 0'-7
FIRE CLAY 3'-0"
SHALE WITH LIME SPOTS 12'-0"
VARIEGATED SHALE 7'-5
GRAY SHALE 25'-0"
SANDROCK 70'-0"
SOFT SLATE 3'-0"
SOFT SHALE 2'-0
BROKEN SHALE 8'-0"
GRAY SHALE 11'-0"
VARIEGATED SHALE 6'-0"
GRAY & DARK SHALE 9'-0"
GRAY SHALE 32'-0
DARK SANDY SHALE 25'-0
DARK SLATE 2'-0
FOSSIL SLATE 8'-7
SLATE WITH SANDROCK STREAKS 15'-8
SLATE WITH COAL STREAKS 0'-4
DARK SLATE & SHALE 2'-0
DARK SANDY SHALE WITH SANDROCK STREAKS 12'-10"
GALLITZIN SEAM 289'-1 1330.08
GRAY SLATE 1'-6
DARK SLATE 0'-6
BONEY COAL 0'-8
DARK CLAY & SHALE 4'-0
SHALE & LIMESTONE 6'-0
GRAY SHALE 4'-0
DARK SANDY SHALE 5'-10"
SANDROCK WITH COAL STREAKS 8'-6
SOFT CLAY & SHALE 5'-1
GRAY SHALE 16'-8
LIMESTONE 0'-5
GRAY SANDY SHALE 31'-0
DARK SANDY SHALE 11'-0
"E" SEAM
BONEY 0-5
COAL 3-2
SLATE PARTING 0-1
COAL 0-3
384'-6 1234.66
SEAM 3'-11"
FIRE CLAY 2'-0
SHALE & LIMESTONE 13'-5"
BROKEN SHALE 2'-6
DARK & GRAY SHALE 15'-7"
"D" SEAM 419'-1" 1200.08
DARK SLATE 0'-3
COAL 0'-10
DARK FIRE CLAY 0'-6
SHALE & FIRE CLAY 2'-0
DARK SANDY SHALE 17'-0
LIGHT SANDY SHALE 21'-6
SANDROCK 8'-0
SANDROCK WITH COAL SPECS 7'-0"
C PRIME 476'-2 1143.00
COAL 1'-2
FIRE CLAY 1'-10
GRAY SHALE 10'-2"
DARK SHALE 7'-10"
BLACK SLATE 0'-5
DARK & GRAY SANDY SHALE 24'-1"
DARK SANDY SHALE 20'-0"
"C" SEAM 544'-1" 1075.08
COAL 2'-1"
DARK FIRE CLAY 0'-11"
SHALE & CLAY 3'-0
SOFT SHALE 7'-0
GRAY SHALE 18'-0"
DARK SHALE 17'-0
SLATE WITH COAL STREAKS 0'-2
DARK SANDY SHALE 6'-0
BLACK SLATE 0'-10
"B" SEAM 594'-3" 1024.91
COAL 1'-3
SANDY FIRE CLAY 8'-0
SHALE & SANDROCK 3'-0
DARK SHALE 11'-0
COAL 0'-1½
FIRE CLAY 1'-7½
GRAY SHALE 6'-0
DARK SHALE 8'-0
TOTAL DEPTH 628'-0
NOTE INFORMATION SUPPLIED BY CLEARFIELD BITUMINOUS COAL CORP
NO 132
DEABENDERFER & GETTY
"ARCADIA DIST."
EL. 1662.30
Surface 20'-0"
Light Shale 2'-0"
Coal & Slate 2'-0"
Light Shale 21'
24.0 1638.30
Broken Sand Rock 37'0"
Dark Shale 1'06"
Sand Stone 08"
Coal 2'
Fire Clay 4'03"
Light Sandy Shale 54'04"
86'08" 1575.63
Sand Stone 8'04"
Dark Shale 3'02"
Coal 2'
Slate & Coal 06"
Dark Fire Clay 11'03"
158'9" 1503.55
Bone Coal 03"
Dark Shale 06"
Bone Coal 1'07"
Dark Shale 1'
Sand Rock 41'06"
172'10" 1489.47
Coal 2'03"
Fire Clay 10'04"
217'07" 1444.72
Dark Shale 1'01"
Bone Coal 03"
Fire Clay 6'
Light Shale 43'07"
Coal & Slate 1'03"
Dark Shale 13'05"
280'07" 1381.72
TOTAL DEPTH 300'
WILGUS TOWN
DEABENDERFER & GETTY
L. DEABENDERFER
NANCY SMITH