

Project: Motiva Perimeter Wells

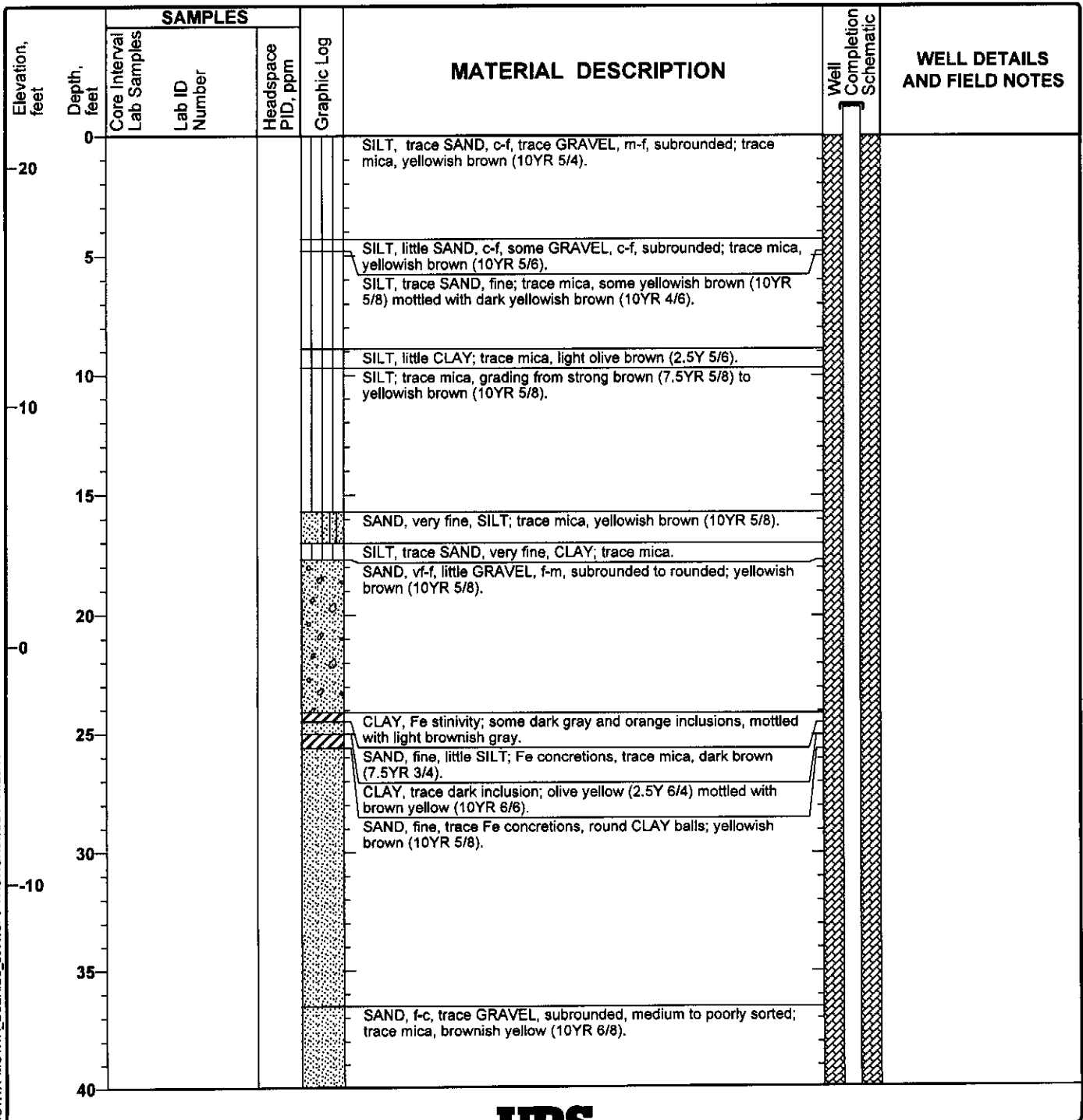
Project Location: DCR Delaware City, DE *EC13-25*

Project Number:

Log of Monitoring Well D42E

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Date(s) Drilled	5/24/06	Logged By	Stephen Zahniser	Checked By	Crystal Kirby
Drilling Method	Roto Sonic	Drill Bit Size/Type	NA	Total Depth of Borehole	207.0 feet
Drill Rig Type	Roto Sonic	Drilling Contractor	ProSonic Drilling	Surface Elevation	21.30
Groundwater Level(s)		Sampling Method(s)	4" Core Barrel	Top of Casing Elevation	
Location	DCR, Delaware City, DE		Borehole Completion		



MOTIVA MOTIVA_DSERIES_2006.GPJ FAGMGN01.GDT 11/28/06

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Elevation, feet	Depth, feet	SAMPLES			Graphic Log	MATERIAL DESCRIPTION	Well Completion Schematic	WELL DETAILS AND FIELD NOTES
		Core Interval Lab Samples	Lab ID Number	Headspace PID, ppm				
40								
-20					SAND, m-c, some GRAVEL, f-c, subrounded, poorly sorted; yellowish brown (10YR 5/8).			
45					SAND, f-m, trace SILT; dark yellowish brown (10YR 4/4).			
					SAND, f-c, GRAVEL, f-m, poorly sorted, subrounded, trace SILT; trace mica, dark brown (7.5YR 3/3).			
					SAND, m-c, little GRAVEL, f-m, subrounded, poorly sorted; trace Fe concretions, dark reddish brown (5YR 2.5/2).			
50					SAND, f-c, trace GRAVEL, fine; dark yellowish brown (10YR 4/6).			
-30					SAND, GRAVEL, c-f, trace SILT, poorly sorted, subrounded; very dark brown (10YR 2/2).			
					SAND, medium, trace GRAVEL, fine, subrounded; strong brown (7.5YR 5/8).			
55					SAND f-c, some GRAVEL, f-c, subrounded, poorly sorted; strong brown (7.5YR 5/6).			
					SAND, f-c, little GRAVEL, f-m, subrounded to rounded, poorly sorted, occasionally small (<1") intervals coarse GRAVEL; yellowish brown (10YR 5/6).			
60								
-40								
65								
70								
-50								
75								
80								
-60								
85								

-95/5 Cement Bentonite Mix
 - 6" boring (0-175' bgs)

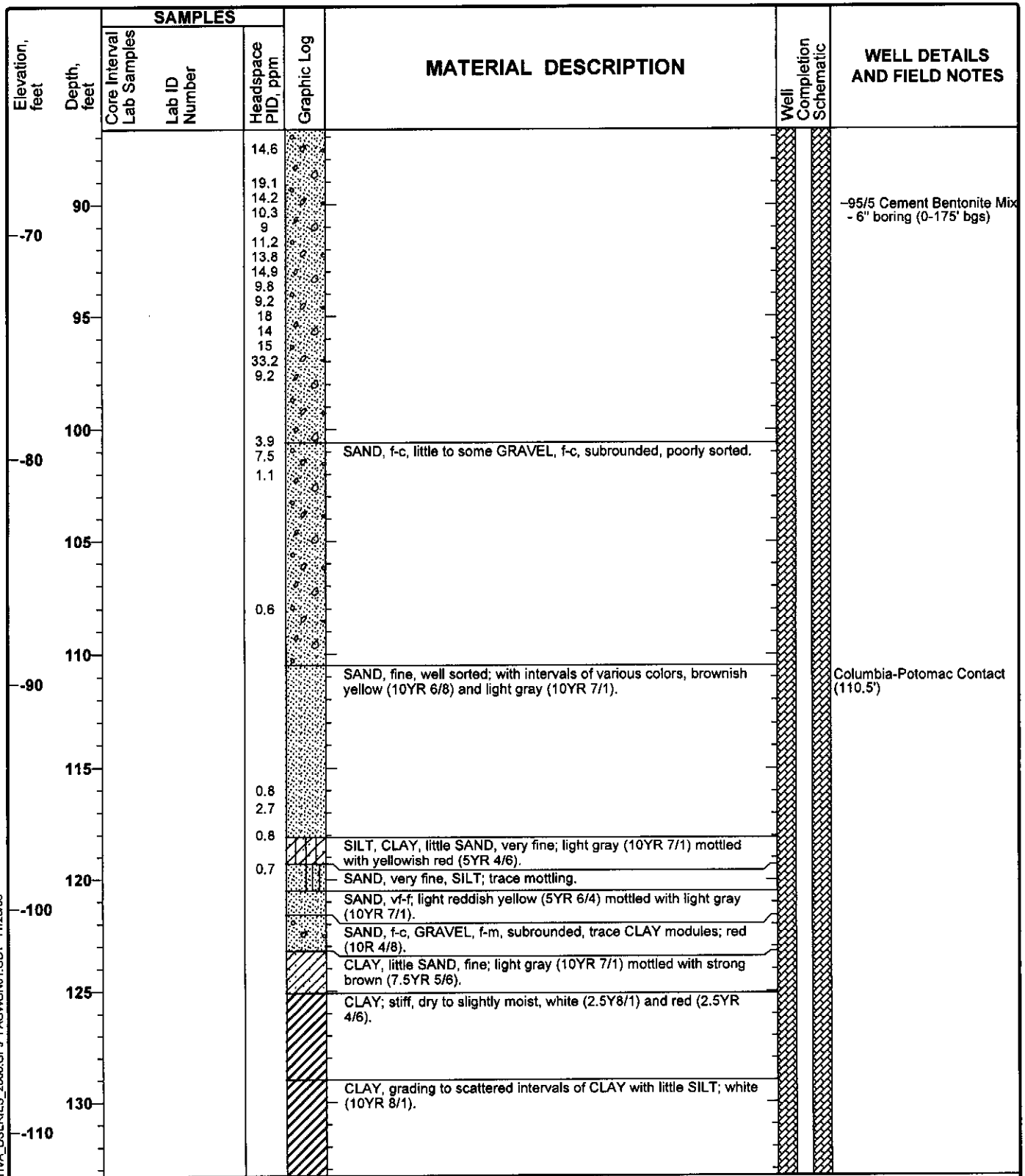
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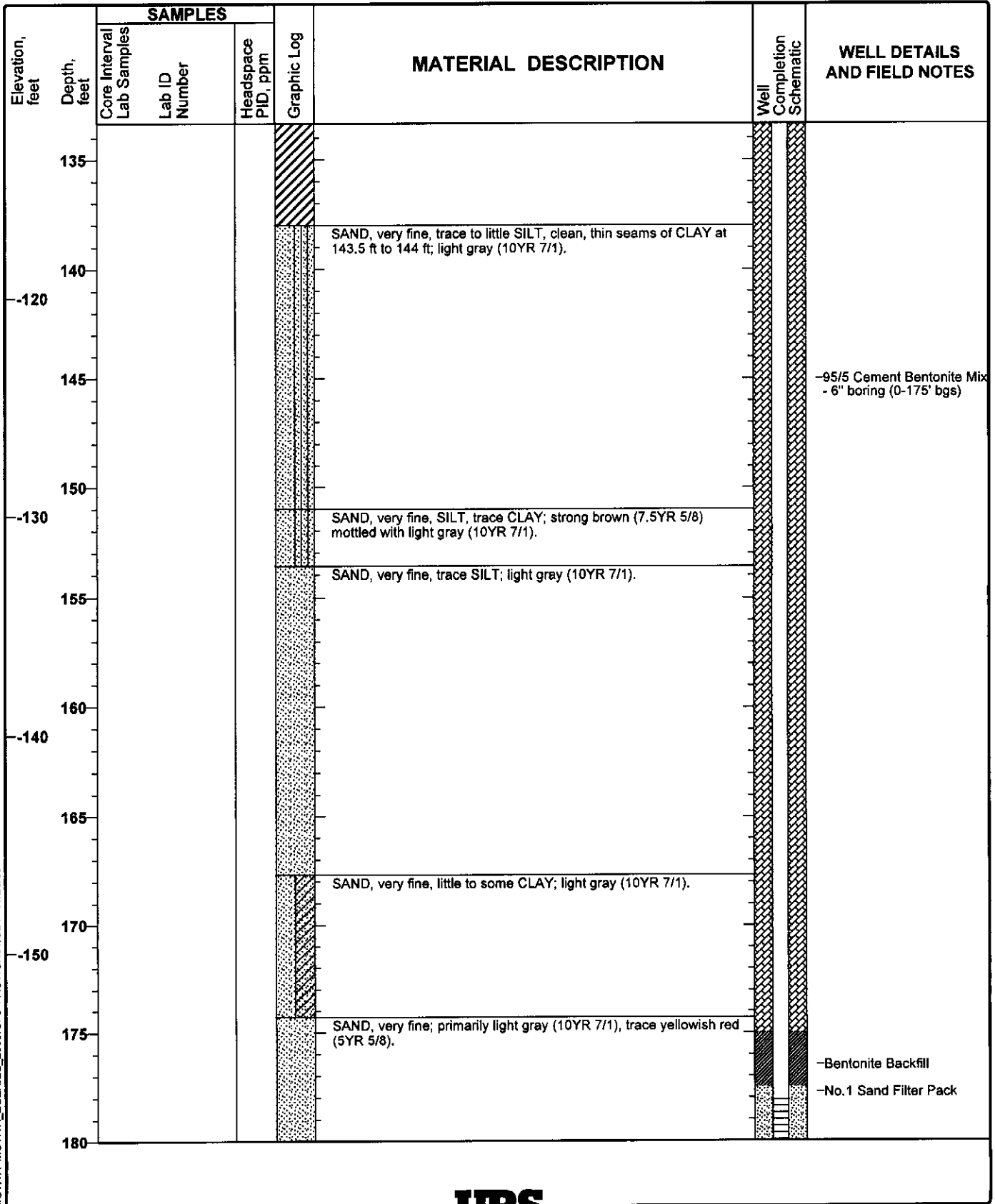


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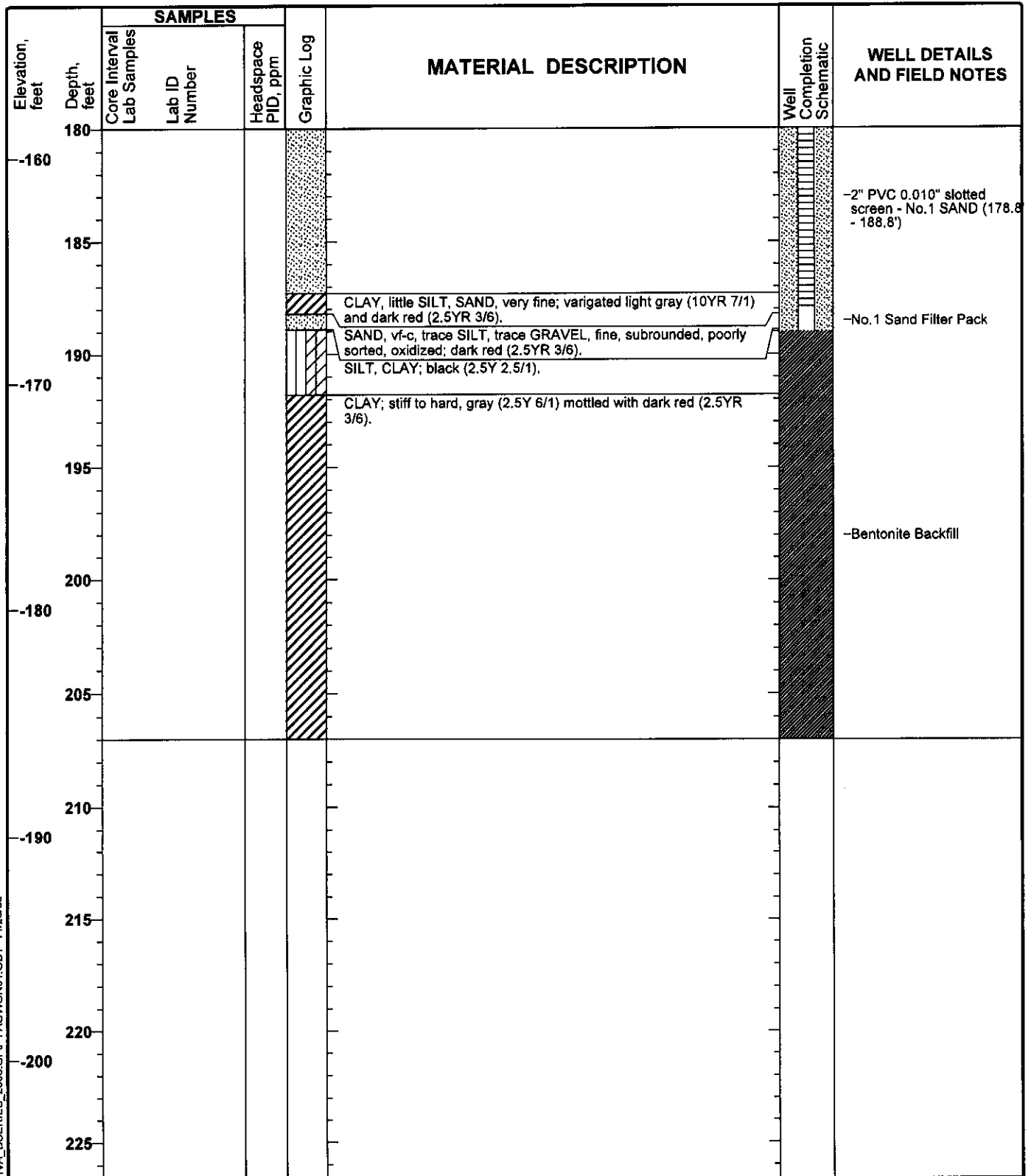


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